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The Alexander von Humboldt Professorships are Germany’s way of creating a beacon effect and energising its research landscape. Every year, the Alexander von Humboldt Foundation is offering ten of the world’s leading researchers up to five million EUR each to create new or consolidate existing internationally visible research focus areas at German universities.

Academics of all disciplines are eligible for an Alexander von Humboldt Professorship, provided that they are established abroad and recognised internationally as top-class researchers. They will be nominated by German universities – where appropriate in cooperation with non-university research institutions. Each Alexander von Humboldt Professorship will be sponsored for a period of five years on the premise that the university presents a convincing strategy to sustain the position once the funding period has come to an end. Accordingly, universities are asked to submit an implementation plan as part of the funding application. This will allow new, long-term research groups to be established, conducting cutting-edge (international) research.

The German Ministry of Education and Research is supporting this programme. Visit www.humboldt-foundation.de/ahp for more information. Next closing dates for applications: 25 September 2009 and 22 January 2010
The Department of Biochemistry at Vanderbilt University School of Medicine is seeking applicants for a tenure-track faculty position at the rank of ASSISTANT, ASSOCIATE, OR FULL PROFESSOR. The successful candidate will be expected to establish an innovative research program, educate graduate medical students, train postdoctoral fellows, and participate in service activities within Vanderbilt and the scientific community. A generous startup package and laboratory space will be provided. The Biochemistry Department currently has internationally recognized researchers in the areas of cell signaling, cell cycle checkpoints, cancer biology, neurobiochemistry, enzymology, mass spectrometry, and structural biology. Applications will be evaluated primarily on the strength of their research program. All research areas and experimental approaches will be considered. However, we are especially interested in candidates with interests in epigenetics, DNA repair, DNA replication, cell cycle control, or other research areas that complement the existing strengths within the Genome Maintenance Program of the Vanderbilt-Ingram Cancer Center. Please forward a cover letter, curriculum vitae, contact information for three references, and description of research program as a single PDF file to e-mail: marlene.jayne@vanderbilt.edu.

Alternatively, mail hard copies of these materials to:

Biochemistry Faculty Search
Vanderbilt University School of Medicine
5224 School of Medicine Tower, Room T5692
Nashville, TN 37232

Application deadline is September 30, 2009, but applications will be evaluated as they arrive.

Women and minorities are especially encouraged to apply.

POSTDOCTORAL RESEARCHER, Department of Biological Sciences, The Department of Biological Sciences at Louisiana State University has a position available for a Postdoctoral Researcher to participate in research aimed at understanding the functions of the conserved and uncharacterized DedA membrane protein family member in E. coli cell division and phospholipid synthesis (see Journal of Bacteriology 190:4480, 2008). Position is funded for two years in the laboratory of William T. Doerrler, Ph.D. Required qualifications: Ph.D. or equivalent degree in microbiology or related discipline; ability to conduct independent research. Additional qualifications: desired experience in molecular biology, bacterial genetics, and/or protein biochemistry. Responsibilities: conducts research aimed at understanding the functions of the conserved and uncharacterized DedA membrane protein family member in E. coli cell division and phospholipid synthesis; writes grants and prepares manuscripts based on research; supervises and trains students; performs general laboratory maintenance. An offer of employment is contingent on a satisfactory preemployment background check. Application deadline is May 29, 2009, or until a candidate is selected. Application online at: http://www.lsusystemcareers.lsu.edu. LSU System is an Equal Opportunity/Equal Access Employer.

STEM CELL BIOLOGY AND IMMUNOLOGY RESEARCH POSITION

Research Associate position available. We seek motivated researchers. Candidates who wish to pursue research on molecular processes that regulate hematopoietic stem cell function, immune regulation, or natural killer cell biology. Bachelor’s degree in molecular biology, biochemistry, immunology, or related bioscience required (advanced degree a plus). Two years of laboratory experience required. Must be able and willing to work with mice. Application position #025047 online at website: http://www.upstate.edu. SUNY Upstate Medical University is an Affirmative Action/Equal Employment Opportunity/ADA Employer engaging excellence through diversity.

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Science Careers
From the Journal Science

Science Careers

www.sciencecareers.org SCIENCE VOL 324 15 MAY 2009 961
Neurological Surgery
Associate Professor / Professor

The recently established Center for Neuroscience at the Seattle Children’s Research Institute invites applications for a full-time faculty position, with the University of Washington School of Medicine Department of Neurological Surgery, at the rank of Associate Professor or full Professor, without tenure. Qualified applicants should be established investigators who are applying techniques of molecular, genetic or cellular biology to study mechanisms underlying hydrocephalus. The Center for Neuroscience at the Seattle Children’s Research Institute’s research vision is to restore children’s health through a mechanistic understanding. The applicant’s area of research interest should be complementary to the interests of current faculty working on various areas of neuroscience and bioengineering. Researchers interested in understanding CSF hydrodynamics, choroid plexus function, neuroendocrinology, brain metabolism, blood brain barrier function, brainstem neurobiology and proteomics research are particularly encouraged to apply. The successful candidate must have a M.D. and/or Ph.D. degree and have active nationally funded research grants. Level and salary will be based on applicant’s qualifications and experience. Responsibilities of the position include development of an independent, extramurally funded research program, establishing a hydrocephalus section within the Center for Neuroscience and mentoring graduate and post-doctoral students and junior faculty investigators.

This position is open until filled. Address any inquiries to Dr. Jan-Marino Ramirez, Center Director, at nino.ramirez@seattlechildrens.org. Please send CV, a statement of current and future research interests and the names and contact information of three references to: Wendy Kramer, Seattle Children’s Research Institute, 1900 Ninth Avenue, M/S C9S-9, Seattle, WA 98101.

For more information about Seattle Children’s Research Institute, please visit: http://research.seattlechildrens.org

All University of Washington faculty engage in teaching, research, and service.
The University of Washington is an Equal Opportunity/Affirmative Action Employer.
Women and minorities are encouraged to apply.

FACULTY POSITION - VIROLOGY

The Department of Microbiology at U.T. Southwestern Medical Center at Dallas seeks a new faculty member in molecular virology at the Assistant Professor (tenure track) level. The appointee will be expected to develop a front-ranked, competitive, independent research program that focuses on one or more aspects of the nature cycle (host-pathogen interactions, viral pathogenesis, disruption of viral replication, control of host cell processes, viral immunology, etc.), and that will complement existing strengths in HCV, poliovirus, West Nile virus, HIV/SIV, KSHV, and viral oncogenesis. Research on any virus of medical relevance is of interest. The appointee will contribute to the teaching of medical and graduate students. Attractive start-up packages, including a competitive salary and new laboratory space, are available to conduct research in an expanding, dynamic environment.

For exceptional candidates, an Endowed Scholars Program offers start-up funds of $700,000 (plus $300,000 towards salary support) over a four-year period. Candidates should have a Ph.D. and/or M.D. degree with at least three years of postdoctoral experience and an exceptional publication record.

Candidates please forward a c.v., three letters of recommendation, two or three representative publications, and a brief summary of future research goals to: Dr. Michael V. Norgard, Chair, Department of Microbiology, U.T. Southwestern Medical Center, 6000 Harry Hines Blvd., Dallas, TX 75390-9048 (michael.norgard@utsouthwestern.edu).

U.T. Southwestern is an Equal Opportunity/ Affirmative Action Employer.
The Division of Intramural Research Programs (DIRP), National Institute of Mental Health (NIMH), invites applications for a Tenure Track Investigator in the field of psychiatric neurobiology, to work in the Genes, Cognition and Psychosis Program (GCAP) under the direction of Dr. Daniel Weinberger, Program Director. The candidate is expected to have experience in biological studies of mental illness and to develop an independent research program in translational neuroscience research focused on understanding the molecular mechanisms of genetic risk factors associated with schizophrenia.

The candidate must have a Ph.D., M.D., or equivalent degree, research experience in the genetics of rare diseases, demonstrated accomplishment in the preclinical development of drugs for the treatment of rare or neglected diseases, and a strong track record of scientific leadership and effective management of a major scientific program.

Interested applicants should submit their curriculum vitae, a description of their research experience and interest in this TRND opportunity, and three letters of recommendation through our online application system, at http://research.nhgri.nih.gov/apply .

The closing date for this position is June 15, 2009.

Specific questions regarding this position may be directed to: Dr. Andy Baxevanis (Search Chair) at andy@nhgri.nih.gov or by fax (301-480-2634).

DHHS and NIH are Equal Opportunity Employers and encourage applications from women and minorities.
**Faculty Positions in Pharmacology available for 2009**

**College of Osteopathic Medicine of the Pacific**

Western University of Health Sciences is a thriving center for health care and veterinary medicine education. The University’s 10 year plan and core values have made the Institution a national leader for the development of interprofessional and graduate medical education. The University values a diverse institutional community and is committed to excellence in its faculty, staff and students. Western University seeks applicants of distinguished academic accomplishments who possess a passion for excellence and a proven track record of achievements.

The Department of Basic Medical Sciences provides the preclinical education for the College of Osteopathic Medicine and invites applications from highly motivated individuals for tenure-track faculty positions in pharmacology. Rank will be commensurate with experience. The successful applicants must have a Ph.D. in pharmacology or equivalent field and at least 2 years of postdoctoral experience. Preference will be given to individuals who have demonstrated excellence in teaching and significant scholarly activity with a strong potential to obtain extramural funding. Submit a current curriculum vitae and a cover letter describing your teaching experience and philosophy, your research activity and goals, and how you meet the qualifications for the position. Please include contact information for at least three references. These positions will remain open until filled.

A completed Employment Application found at:

http://www.westernu.edu/bin/hr/pdf/application_for_employment.pdf

Nissar A. Darmani, Ph.D.,
Assistant Dean for Basic Sciences and Research
Department of Basic Medical Sciences
Western University of Health Sciences
College of Osteopathic Medicine of the Pacific
309 E. Second Street, Pomona, CA 91766-1854
Email Address: ndarmani@westernu.edu

Western University of Health Sciences is an equal opportunity employer.

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**Anatomy Faculty Position**

Des Moines University is currently seeking applications from qualified candidates for a tenure-track Anatomy faculty position (option for a non-tenure position also available). The successful candidate must possess a doctoral degree or be in the terminal stages of doctoral candidacy. Prior teaching experience in the anatomical sciences is strongly desired. The selected candidate will be expected to pursue independent research leading to extramural funding.

Des Moines, Iowa, a vibrant mid-sized city, with nationally recognized schools, low cost of living and cultural activities, affords opportunity for scholarly collaboration with various Midwest universities and private institutions. The mission of the anatomy department is to engage future health care providers, educators, scientists and community members in a dynamic evidenced-based discipline that fosters a professional environment of scholarly activity and service. Des Moines University takes great pride in the depth and breadth of its anatomy programs and the recent investments in both new digitally equipped dissection laboratory and scholarly research facilities.

Persons interested in this position should submit their CV, contact information for three references, and a summary statement regarding their teaching philosophy, scholarly activities and goals using the online applicant tracking system located at www.dmu.edu/employment. Please note, Des Moines University does not accept hard copy, faxed or emailed resumes. Candidates must have current and permanent legal rights to work in the U.S. Review of applications will begin immediately and continue until the position is filled.

For a complete job description for this position, benefits or more information on Des Moines University and its various academic programs, please visit www.dmu.edu/employment.

Des Moines University is an EOE Employer.
At the Johann Wolfgang Goethe-Universität Frankfurt am Main are the following Professorships immediately available:

Faculty of Computer Science and Mathematics

**Assistant Professorship (Juniorprofessur W1) in Computational Neuroscience - Detailed Modeling of Signaling in Neurons**

A three-year temporary position with an option of prolongation for three more years.

Applicants must have given significant contributions to modeling and signal processing in neurons on the cell level. You must further have contributed to the fields of image processing, numerical simulation methods and high-performance computing. The position is filled in cooperation with the Goethe Center for Scientific Computing and the Bernstein-Group Detailed Modeling of Signal Processing in Neurons.

In the context of the Frankfurt Vision Initiative (Bernstein Focus for Neurotechnology, an initiative funded by the German ministry for education and research (BMBF):

**Full Professorship (W3) in Software Engineering with emphasis on biologically inspired vision systems**

Applicants must have an excellent track record in the areas of software engineering and biologically inspired computer vision systems. Experiences in the management of large and complex software projects is required. The successful applicant shall closely collaborate with other groups of the Bernstein Focus. Successful acquisition of third party funding and collaborations in interdisciplinary project consortia are expected. In addition, a high commitment to teaching and University service are desired.

**Assistant Professorship (Juniorprofessur W1) in Computer Vision and Machine Learning**

A three-year temporary position with an option of prolongation for three more years.

Applicants must have an excellent track record in the areas of computer vision and machine learning. The successful applicant shall closely collaborate with other groups of the Bernstein Focus. Successful acquisition of third party funding and collaborations in interdisciplinary project consortia are expected. In addition, a high commitment to teaching and University service are desired.

Frankfurt Institute for Advanced Science (FIAS)

**Associate Professorship (W2) in Computational Neuroscience (tenure track)**

The position is initially available for 5 years (tenure track). Applicants must have an excellent track record in the area of modeling the visual system with probabilistic techniques. Successful acquisition of third party funding and collaborations interdiscipilnary project consortia are expected. In addition, a high commitment to serve in the institute’s self-administration is desired. The teaching obligations for this position are two hours per week. The successful candidate will also be member of the Faculty of Computer Science and Mathematics or the Faculty of Physics.

***

The Goethe University intends to strengthen its emphasis on complex systems research. Successful applicants shall closely collaborate with other interdisciplinary research projects and in excellence networks.

The designated salary for the position is based on “W” on the German university scale. Goethe University is an equal opportunity employer. For further information regarding the general conditions for professorship appointments, please see: http://www.uni-frankfurt.de/aktuelles/aussschreibung/professuren/index.html.

Applications accompanied by the usual information (CV, degrees and certificates, list of publications, details on teaching and international experience, information on successful grant applications), should be sent to: Goethe University Frankfurt, Dean of the Department of Computer Science and Mathematics, E-Mail: dekanat@fb12.uni-frankfurt.de. Deadline for applications is June 15, 2009.
The University of California, Davis, seeks an internationally recognized expert in energy efficiency science, technology or policy to lead the UC Davis Energy Efficiency Center (EEC) as faculty director and associate or full professor, and to become holder of the prestigious Chevron Chair in Energy Efficiency.

To be considered, applicants must have a Ph.D. degree or equivalent in a relevant energy-efficiency related field, outstanding leadership and administrative experience, and an excellent record of accomplishment in teaching, research, and outreach in one or more areas of energy science, technology, or policy. Demonstrated skill in obtaining overhead bearing and gift extramural funds is expected.

Applicants should visit [http://eec.ucdavis.edu/](http://eec.ucdavis.edu/) and follow instructions for submitting on-line applications. Applicants will be asked to submit a [curriculum vitae](http://eec.ucdavis.edu/) including publication list, three related publications, a statement of teaching and research interests, a statement describing vision and leadership experience, and the names and addresses (including e-mail and telephone numbers) of five references.

Inquiries should be directed to:

**Prof. Daniel Sperling**  
Search Committee Chair  
Institute of Transportation Studies  
University of California  
One Shields Avenue  
Davis, CA 95616

The position is open until filled, but to ensure full consideration, applications should be received by July 15, 2009.

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

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**Postdoctoral Positions**

Fox Chase Cancer Center, a renowned Philadelphia-based NCI-designated Comprehensive Cancer Center, has several postdoctoral positions available to work on NIH funded projects in the following programs:

- Cancer Genetics and Signaling
- Cancer Prevention and Control
- Epigenetics and Progenitor Cells
- Immune Cell and Host Defense
- Molecular Medicine
- Breast and Ovarian Cancers

The Scientist’s annual survey has named Fox Chase Cancer Center as one of ‘The Best Places to Work’ for Postdoctoral Careers.

Fox Chase fosters an environment conducive to strong collaboration across all disciplines, both scientific and medical. As a postdoctoral fellow at Fox Chase, you will have the opportunity to interact with our faculty as valued colleagues in a setting built around mutual respect and collegiality.

Highly motivated candidates who can work independently are encouraged to send resume to Dr. Jonathan Chernoff, c/o Anne Carson at anne.carson@fccc.edu. For more information visit [www.fccc.edu](http://www.fccc.edu). Equal Opportunity Employer.

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**Tenure Track Urologic Research Faculty**

**Department of Urology**

The Department of Urology at the University of Wisconsin-Madison, School of Medicine and Public Health is seeking candidates for a tenure track position in genitourinary and urologic research. The candidate will be expected to establish an independent, extramurally funded research program and to attain national recognition for accomplishment and leadership in urologic research. Responsibilities will include developing and nurturing collaborative interactions among faculty in Urology and other laboratories at UW-Madison as well as contributing to the education of Urology residents, fellows, and graduate students. Requirements include either a Ph.D. or M.D. with appropriate research experience related to genitourinary biology and/or urologic disease.

A competitive salary and fringe benefit package will be provided. Immediate enrollment in health insurance with low premiums is available for you and your family, and an outstanding retirement plan is offered. To apply, send a resume, cover letter, and salary requirements to: Stephen Y. Nakada, MD, Professor and Chair of Urology, UW School of Medicine and Public Health, 600 Highland Avenue, G5/339 CSC, Madison, WI 53792-3236

UW-Madison is an equal opportunity/affirmative action employer. Unless confidentiality is requested in writing, information regarding applicants must be released upon request. Finalists cannot be guaranteed confidentiality.

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**The University of Alabama at Birmingham**

**UAB Stem Cell Institute**  
Department of Biochemistry and Molecular Genetics  
University of Alabama at Birmingham  
Schools of Medicine and Dentistry

Tenure track junior positions and tenured senior faculty positions are available for investigators focused on stem cell biology, biochemistry, epigenetics and transplantation. Areas of special emphasis include, but are not limited to, mechanistic studies of stem cell self-renewal and lineage specification and mechanisms of somatic cell reprogramming to pluripotency. Nationally competitive salaries, start-up packages and space allocations will be offered to successful candidates.

UAB is a highly interactive environment with strong basic and clinical sciences. Birmingham is a beautiful and affordable city with many cultural attractions.

Applicants should send a C.V., a summary of research interests and the names of three references before **August 15, 2009** to:

Dr. Tim M. Townes  
Director, UAB Stem Cell Institute  
Chairman, Department of Biochemistry and Molecular Genetics  
University of Alabama at Birmingham  
Kaul Genetics Building, Room 502  
720 20th Street South  
Birmingham, AL 35294  
Email: ttownes@uab.edu
Head of Bioscience - Drug Discovery
Reference number: PI/09/21

The Institute is also at the heart of the Manchester Cancer Research Centre (MCRC), an exciting development that integrates cancer research within Manchester (www.mcrc.manchester.ac.uk). This opportunity has arisen from a new initiative, funded by CRUK, to develop a small molecule Cancer Drug Discovery capability in the MCRC. Positions are for five years initially and will be renewable, subject to successful peer review of the programme.

Essential requirements for this role include expertise in cancer biology, experience of drug discovery and target validation and also strong leadership and interpersonal skills.

Expertise in lead generation technologies and experience in the pharmaceutical sector are desirable but not essential.

If you would like to see your knowledge and experience applied to the discovery of new cancer medicines and would like to know more about this opportunity, please contact Dr Donald Ogilvie, Head of Drug Discovery (dogilvie@picr.man.ac.uk).

Applications including a CV and names of three referees should be sent to jobs@picr.man.ac.uk

The deadline for receipt of applications is 7 June 2009

www.paterson.man.ac.uk
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You will join the Knowledge Centre for Materials Chemistry (KCMC). You should have an excellent research track record with experience in the synthesis of new oxide materials and in X-ray powder diffraction, with a PhD in chemistry, physics or materials science; excellent communication and interpersonal skills with the ability to interact with individuals at all levels within the academic and business communities. The post is available for 3 years.

The KCMC is a North West Regional Development Agency-funded activity uniting Chemistry Innovation Ltd, Science & Technology Facilities Council and the Universities of Liverpool, Manchester and Bolton to focus on delivering industry-led projects.

Job Ref: R-569322/S Closing date: 5 June 2009

For full details, or to request an application pack, visit www.liv.ac.uk/working/job_vacancies/
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Environmental Health Sciences

The Department of Environmental Health Sciences in the Johns Hopkins Bloomberg School of Public Health is pleased to announce two fellowship opportunities within a successful and established NIEHS funded postdoctoral training program. The mission of the training program is to actively prepare research scientists to become future leaders of individual and interdisciplinary research projects seeking to understand the role environmental exposures play in the etiology and exacerbation of human disease at the individual and population level.

Specific research opportunities are highlighted at:

http://www.jhsph.edu/dept/ehs/NIEHS

Shanghai Changzheng Hospital is one of the top medical centers in China, located in downtown Shanghai. It has 28 clinical departments, more than 1,000 hospital beds, and serves over 800,000 outpatient visits each year. As one of the affiliated hospitals of Second Military Medical University, the hospital also has an excellent teaching staff and facilities, and possesses strong records in many areas of medical research. A new 2,000-bed expansion of the hospital in Shanghai Pudong district has been approved recently.

Changzheng hospital is seeking applications from qualified individuals for the positions of junior and senior principal investigators to expand basic, translational, and clinical researches. Qualified applicants will also be considered for head of laboratory and/or department. The successful candidates must have a Ph.D. or M.D. and have publications in high profile international journals (as first or corresponding author) in the last 5 years. Senior scientists with professorship (assistant, associate, full professor or equivalent), extensive research experiences, and strong record of productive independent research are preferred. The hospital will offer a generous startup package, competitive salary and benefits.

Interested individuals should send their curriculum vitae, a brief review of research plan, and name of 3 references (including address, email, and telephone) to: Zhan Liang, Human resources, 415 Feng Yang Road, Shanghai, 20003 China. Tel: 86-21-81885086; Email: liangzhan9309@yahoo.com.cn
The Hormel Institute, a biomedical research center of the University of Minnesota, was established in 1942 and has a long reputation in producing world class medical research. The Institute’s research success has resulted in a major expansion of its research facilities and includes a new state of the art laboratory building and complete renovation of existing research facilities. The Hormel Institute offers its research scientists complete access to state of the art equipment that includes a FACS sorter, confocal microscopy, flow cytometry; and the Blue Gene/L, the world’s fastest supercomputer. In conjunction with the building expansion will be the addition of five (5) new faculty positions. We are seeking applications for faculty appointments at the level of Assistant Professor, Associate Professor, Professor, and/or Endowed Professor.

Qualifications: Candidates must demonstrate the ability to establish an independent, extramurally funded program of cancer-related research that will complement ongoing programs. Preference will be given to applicants with a strong background in areas to include molecular/cell biology, protein crystallography, biological computation/informatics, stem cell, or cancer biology and a successful research record in one of the following areas: signal transduction, gene expression, functional genomics, molecular carcinogenesis, chemoprevention or other areas of cancer research. A Ph.D. (or equivalent) degree and 2 to 3 years of postdoctoral experience are required for Assistant Professor. The ability to acquire extramural funding is required for appointment of Associate Professor or Professor. For endowed professorships, the applicant should be an internationally renowned researcher with substantial external funding. Please apply online at the UMN website http://www.1.umn.edu/ohr/employment/index.html and refer to Requisition Number 154060 (Professor), Number 154740 (Associate Professor), or Number 154741 (Assistant Professor). In addition, please submit a curriculum vitae, a research plan, and the names of three references to Dr. Zigang Dong. ambode@hi.umn.edu.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.