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Science makes every effort to screen its ads for offensive and/or discriminatory language in accordance with US and non-US law. Since we are an international journal, you may see ads from non-US countries that request applications from specific demographic groups. Since US law does not apply to other countries we try to accommodate recruiting practices of other countries. However, we encourage our readers to alert us to any ads that they feel are discriminatory or offensive.

Science Careers

From the journal *Science*



POSTDOCTORAL OPPORTUNITIES

Vanderbilt University Medical Center POSTDOCTORAL POSITIONS

Vanderbilt Center for Human Genetics Research

The Center for Human Genetics Research (CHGR) at Vanderbilt University has immediate openings for seven Postdoctoral Fellows to pursue new and exciting research in human genetics using both human and model systems. The successful candidates will have a Ph.D. degree (or equivalent) in genetics, human genetics, molecular genetics, epidemiology, computational biology, bioinformatics, biostatistics, or related field. Successful candidates will work as part of established research teams in the following areas: (1) statistical and computational genetics (**Marylyn Ritchie, Chun Li**); (2) genetic epidemiology and bioinformatics (**Dana Crawford, Marylyn Ritchie, and Jonathan Haines**); (3) mitochondrial genetics (**Jeff Canter, Debbie Murdock**); and (4) mouse models (including quantitative trait analysis) of human disease (**Michelle Southard-Smith**).

The CHGR is an interdisciplinary center with over 40 faculty representing numerous clinical and basic science departments. It has a highly interactive research program organized into three thematic programs: Disease Gene Discovery, Computational Genomics, and Translational Genetics. The CHGR has substantial core facilities for family and patient ascertainment; DNA banking, genotyping, and sequencing; and computational genomics, data management, and data analysis. It occupies over 14,000 square feet of newly appointed wet and dry laboratory space. The CHGR faculty and staff enjoy the substantial benefits of the collaborative Vanderbilt atmosphere. More information about the specific CHGR Postdoctoral positions can be found at [website: http://chgr.mc.vanderbilt.edu/chgr-careers/postdoc](http://chgr.mc.vanderbilt.edu/chgr-careers/postdoc).

Interested candidates should forward their curriculum vitae and at least two letters of recommendation no later than November 1, 2008. In a cover letter, candidates should specify their postdoctoral area of interest. All materials should be sent to:

Postdoctoral Search Committee
Center for Human Genetics Research
c/o Maria Comer
519 Light Hall

Vanderbilt University Medical Center
Nashville, TN 37232-0700
E-mail: recruiting@chgr.mc.vanderbilt.edu
Telephone: 615-322-7909
Fax: 615-322-1453

POSTDOCTORAL FELLOWSHIPS

Department of Pharmacology and Center for Lung and Vascular Biology University of Illinois at Chicago

The Department of Pharmacology and Center for Lung and Vascular Biology at University of Illinois at Chicago announce the availability of Postdoctoral Training Fellowships sponsored by the National Institutes of Health-funded Training Program in Lung Biology and Pathobiology ([website: http://www.uic.edu/depts/mcph/training.htm](http://www.uic.edu/depts/mcph/training.htm)). Trainees will focus their research efforts on vascular biology and lung injury and repair, the cellular and humoral basis of lung injury and cell signaling, stem cell biology, and the regulation of lung function. Trainees will gain experience in a fertile environment that fosters independent and creative thinking. Applicants *must be citizens or permanent residents of the United States* and have completed requirements for a doctoral degree. The ideal candidate should have excellent communication skills. For the fullest consideration please submit a letter of interest, curriculum vitae, copies of recent publications, and contact information for three references to: **Dr. Asrar B. Malik, Attn: Cynthia Sanders, Department of Pharmacology (MC 868), University of Illinois, 835 S. Wolcott Avenue, Chicago, IL 60612; e-mail: cynsan@uic.edu**. *The University of Illinois at Chicago is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.*

POSTDOCTORAL OPPORTUNITIES

EMERGING INFECTIOUS DISEASES and BIODEFENSE

Outstanding candidates are sought to conduct their research training in emerging infectious diseases and biodefense at the Wadsworth Center, New York State's research and public health laboratory. The Center is a vibrant research institution with more than 25 state-of-the-art laboratories conducting research in emerging infectious diseases and biodefense, including: bacterial, fungal, parasitic, and viral pathogenesis; immunology; infectious disease epidemiology; molecular diagnostics; therapeutics and drug design; and vaccine development. There are approximately 175 doctoral-level scientists employed by the Center.

The Wadsworth Center administers the North-east Biodefense Center, one of eight NIH-funded regional centers of excellence, a consortium of research institutions and universities in New York, New Jersey, and Connecticut. Wadsworth has consistently received national recognition as one of the best places to work by *The Scientist* magazine.

The Program for both **PRE and POSTDOCTORAL FELLOWS** is supported by an NIH training grant. Courses, a seminar series, and colloquia in biodefense sciences are available. Predoctoral Fellows enroll at the University at Albany, State University of New York, and matriculate in the Department of Biomedical Sciences of the School of Public Health, which is housed within the Wadsworth Center.

Applications, in the form of a cover letter and curriculum vitae, *from U.S. citizens, noncitizen nationals, or permanent residents*, are currently being processed. To apply contact: **Dr. Kathleen McDonough, Wadsworth Center, David Axelrod Institute, 120 New Scotland Avenue, Albany, NY 12208. E-mail: bceid@health.state.ny.us; website: http://www.wadsworth.org/educate/biodefense_ad.htm.**

Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE

University of Rochester, New York

Several Postdoctoral positions are available in two research areas: (1) genome-scale cellulase gene regulation in *Clostridium thermocellum* for bioethanol and biohydrogen productions in collaboration with two national laboratories. Background in molecular biology, microbiology, and biochemistry is desirable. Expertise in transcription regulation using genomic and proteomic approaches is preferred. (2) Murine and human bone marrow tissue culture, blood cell development, and drug testing. Background in cell/tissue culture and animal experiments is desirable. Expertise in tissue engineering, molecular biology, hematology/immunology, cell biology, or radiation biology is preferred. Candidates with a doctoral degree or M.S. degree with many years of research experience in life science or bioengineering are encouraged to apply. Please submit by e-mail a cover letter and curriculum vitae with three references to **Prof. David Wu** at e-mail: davidwu@che.rochester.edu.

POSTDOCTORAL POSITION

AIDS Research, University of Pittsburgh

Outstanding Postdoctoral position available in a highly productive laboratory investigating mechanisms of HIV-1 persistence and drug resistance with the goal of identifying new therapeutic approaches for each. Offers interaction with a wide range of exceptional researchers, bridging basic science with clinical research.

Ph.D. or M.D./Ph.D. in cellular or molecular biology. Previous experience in retrovirology desirable. Send curriculum vitae, three references, and description of career goals to **John W. Mellors, M.D., Chief, Division of Infectious Diseases, c/o Lois Mathews (e-mail: mathews@dom.pitt.edu).**