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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*



POSITIONS OPEN

RESEARCH MICROBIOLOGIST National Animal Disease Center Ames, Iowa

Description of duties: The incumbent will participate as a member of an expanding research team applying molecular techniques to investigate the microbial ecology of the mammalian intestinal tract. Specific duties include phylotype, metagenomic, and culture-based analyses of swine intestinal microbiota under different dietary, antibiotic, and host animal influences.

The position is within the Pre-Harvest Food Safety and Enteric Diseases Research Unit. The scientists in this unit investigate interactions of enteropathogenic and nonpathogenic bacteria with each other, with intestinal tissues of their animal host, and with the farm environment. Research in the unit generates intervention strategies to reduce the prevalence of human food-borne pathogens, animal pathogens, and antibiotic resistant bacteria in livestock.

National Animal Disease Center (NADC) is the premier research institute within the USDA for studying diseases of large animals and is undergoing a \$500 million upgrade of laboratory facilities. NADC resources for the position include flow cytometry, laser microdissection microscopy, a nucleic acid center operating Roche FLX and AP3100 sequencers, an electron microscopy/histology facility, and substantial bioinformatics and animal support. NADC researchers also have access to computer and bioinformatics resources and collaborations at nearby Iowa State University. At the NADC, scientists are able to investigate microbe-host interactions at every level: molecular, microbe, and natural host. Qualification requirements: A Ph.D. in microbiology or a related field is required for this position. NADC is seeking a candidate with a strong and creative interest in the molecular ecology of natural microbial populations. The candidate should have a research background or coursework encompassing general bacteriology, microbial diversity/anaerobic microbiology, and molecular biology techniques. The candidate should have research interests in bioinformatics and microbial population analysis.

Information on salary and application procedures for postdoctoral positions is available at [website: http://www.afm.ars.usda.gov/divisions/hrd/hrdhomepage/vacancy/pd962.html](http://www.afm.ars.usda.gov/divisions/hrd/hrdhomepage/vacancy/pd962.html). Information on employee benefits is available at [website: http://www.usajobs.opm.gov/ei61.asp](http://www.usajobs.opm.gov/ei61.asp).

To apply for this position, please send a cover letter, curriculum vitae, and the names of three reference sources to **Thad Stanton**. Applications will be accepted until September 15, 2008. For specific information on the duties and responsibilities of this position or to submit an application, contact:

Dr. Thad Stanton, Ph.D.
Research Leader, Pre-Harvest Food Safety and Enteric Diseases Research Unit
USDA/Agricultural Research Service
National Animal Disease Center
2300 Dayton Road
Ames, IA 50010-9464
Telephone: 515-663-7350
E-mail: thad.stanton@ars.usda.gov

The USDA-Agricultural Research Service is an Equal Opportunity/Affirmative Action Employer; women and minorities are encouraged to apply.

ENVIRONMENTAL RESEARCH ANALYST.

Conduct research and analyze commercial land for potential development with emphasis on environmental effects including physical and health hazards. Analyze data to interpret correlations between commercial property development and environmental effects. Prepare reports to present to city, state, and federal authorities for permits. Conduct feasibility studies for development of physical plants. Review plans, designs, layout and physical requirements for commercial sites and buildings. Required: Master of Science in chemical engineering, chemistry, or forestry. Equivalent of 40 hours per week. Job/interview site: Torrance, California. Send curriculum vitae to: **Person Realty Incorporated, 21641 S. Western Avenue, Suite C, Torrance, CA 90501.**

POSITIONS OPEN



TENURE-TRACK STRUCTURAL BIOLOGIST The University of Michigan Medical School

The Department of Pathology is seeking a tenure-track Structural Biologist with expertise in nuclear magnetic resonance (NMR) spectroscopy and molecular modeling. One critical role for this individual will be to participate in campuswide initiatives to develop small molecule inhibitors of biomedical importance.

The Department, Medical School, and Health Care System are all in excellent financial condition. Over 350 faculty actively participate in the University of Michigan Comprehensive Cancer Center. The Department operates its own graduate program and has 11 endowed chairs and over \$25 million annually in research expenditures. Particular areas of research strength include molecular oncology, aging, immunology, proteomics, and informatics. The newly created Divisions of Pathology Informatics and Translational Pathology offer cutting-edge technologies in support of research programs. Planning for a new building to house the Department's clinical, research, and educational activities in addition to a new NMR facility is currently underway.

The successful applicant will hold a Ph.D. or M.D./Ph.D. and direct a vigorous research program supported by external funding. Ample resources are available to qualified applicants. Academic rank will be on the tenure-track with rank commensurate with experience. Opportunities also exist for joint appointment with a basic science department such as Biological Chemistry or Pharmacology.

Qualified applicants should submit a letter of interest, summary of research interests, curriculum vitae, and names of three references to:

Jay L. Hess, M.D., Ph.D.
Carl V. Weller Professor and Chair
Department of Pathology
University of Michigan Medical School
Medical Science I Building, Room M5240
1301 Catherine Road
Ann Arbor, MI 48109-0602

The University of Michigan Health System is an Affirmative Action Employer and welcomes application from women and minorities.

FACULTY POSITIONS at the UNIVERSITY of VIRGINIA

The Department of Pharmacology ([website: http://www.healthsystem.virginia.edu/internet/pharmacology/](http://www.healthsystem.virginia.edu/internet/pharmacology/)) is seeking to fill two positions at the ASSISTANT/ASSOCIATE/FULL PROFESSOR level. Individuals conducting original research in the general area of obesity/diabetes including central control of appetite, lipid metabolism, et cetera are invited to apply. The successful applicant will be provided with a substantial startup package, including laboratory space within the Pharmacology Department and access to state-of-the-art core facilities. A doctoral degree in pharmacology, physiology, chemistry, biochemistry, medicine, or related discipline with at least two years of postdoctoral training and evidence of significant research productivity is required. To apply send curriculum vitae, a two-page research plan, and names and addresses of at least three references (including e-mail address and telephone number) to: **Pharmacology Search Committee, Department of Pharmacology, University of Virginia, P.O. Box 800735, Charlottesville, VA 22908-0735 (e-mail: pharmsearch@virginia.edu)**. Review of applications will begin July 15, 2008; however, the positions will remain open until filled. *The University of Virginia is an Equal Opportunity/Affirmative Action Employer.*

RESEARCH SCIENTIST to work in Greenbelt, Maryland. Experience required. Please apply online at [website: http://www.saic.com/career](http://www.saic.com/career), **Science Applications International Corporation (SAIC)**. Must reference job code 119036.