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## Science Careers

From the journal *Science* AAAS

## POSITIONS OPEN

### EPIDEMIOLOGIST

University of California, Davis

**ASSISTANT PROFESSOR** in the Department of Plant Pathology, University of California, Davis. The successful candidate will be expected to develop effective teaching and research programs, and to participate in outreach activities that contribute to the success of the University. The applicant should have a Ph.D. degree in plant pathology, plant biology, microbiology, microbial ecology, ecology, genetics, biostatistics, or other closely related field. Postdoctoral experience is desirable. A strong commitment to teaching at undergraduate and graduate levels is expected. The appointee is expected to develop an extramurally funded research program emphasizing modern approaches to the quantitative ecology of plant-associated microbes and the epidemiology of plant diseases in agricultural and/or natural ecosystems. The successful candidate should have the interest and ability to develop and utilize sophisticated computational methodologies to model the behavior of complex systems. The candidate would be expected to employ an integrated approach that takes advantage, perhaps through collaborations, of advanced methodologies for acquisition and processing of data on environmental parameters and/or genome level studies to investigate ecological relationships between pathogens and their hosts. Teaching will be at both the undergraduate and graduate levels in the area of the candidate's expertise, and will include contributions to a new curriculum in agricultural sustainability. Supervision of graduate students, student advising, participation in outreach programs, curricular development, and performance of University service are expected. Research, teaching, and outreach efforts are expected to contribute to the mission of plant pathology in the Agricultural Experiment Station.

This will be a nine-month, tenure-track position. Fiscal year (11 months) term employment to be offered and continued based on academic personnel review.

The position is available on or about July 1, 2009. This position will be located in the Plant Pathology Department. Applicants should submit curriculum vitae including publication list, a statement of research and a separate statement describing teaching interests and background, a summary or abstract of the Ph.D. dissertation; and the names, addresses including e-mail, and telephone numbers of four references online at [website: http://plantpathology.ucdavis.edu](http://plantpathology.ucdavis.edu). Inquiries should be directed to **Dr. David Rizzo, Search Committee Chair, Department of Plant Pathology, University of California, One Shields Avenue, Davis, CA 95616; telephone: 530-754-9255; e-mail: dmrizzo@ucdavis.edu**. Open until filled, but to ensure consideration, applications should be received by February 1, 2009. A more detailed job description can be obtained at [website: http://plantpathology.ucdavis.edu](http://plantpathology.ucdavis.edu).

*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, veterans, and individuals with disabilities.*

Two **POSTDOCTORAL POSITIONS**, in molecular endocrinology and cancer therapeutics. Seeking recent Ph.D. graduates for funded openings to study: (1) growth hormone action and Janus activated kinase-signal transducer and activator of transcription signaling, using genome-wide technologies combined with computational analysis and traditional molecular approaches to elucidate sexually dimorphic liver gene expression (*Molecular Endocrinology* 20:2613-29, 2006); (2) cytochrome P450-based cancer chemotherapeutics in combination with anti-angiogenesis (*Molecular Cancer Therapeutics* 7:79-89, 2008; 6:2879-90, 2007). Expertise in cell and molecular biology, genomics/computational biology, gene therapy and/or pharmacology, and animal models highly desirable. Flexible start date.

Send curriculum vitae, summary of research experience and interests, and names of three references to: **Dr. David Waxman, Department of Biology, Boston University, 5 Cummings Street, Boston, MA 02215; e-mail: djw5@bu.edu**.

## POSITIONS OPEN

### STAFF SCIENTIST: MOUSE SPECIALIST Position Available

A position is available for a highly motivated individual to manage mouse projects in a neuroscience research laboratory. A minimum of two years of experience in mouse genetics, molecular biology, mouse colony management, genotyping, mouse phenotyping, and behavior is required. Honed experimental skills, familiarity with mouse databases, organizational abilities, and effective communication and interpersonal skills are essential. Competitive salary commensurate with experience. Interested candidates should send resumes and three references to: **Dr. Michael Ehlers, M.D., Ph.D., Howard Hughes Medical Institute, Department of Neurobiology, Duke University Medical Center, P.O. Box 3209, Durham, NC 27710 U.S.A. Fax: 919-668-0631. E-mail: ehlers@neuro.duke.edu**.

### TENURE-TRACK FACULTY POSITIONS Biological Sciences

The Department of Biological Sciences at Mississippi State University invites applications for two tenure-track **ASSISTANT PROFESSOR** positions to begin August 16, 2009. Successful candidates will be expected to develop externally funded research programs that complement the existing strengths of the Department. Desired areas of expertise include, but are not limited to: molecular, cellular, and evolutionary genetics; ecological, environmental, and industrial microbiology; molecular ecology; and infectious diseases and pathogenesis. Additionally, successful candidates will be those who can direct graduate students and contribute to both the undergraduate and graduate teaching missions of the Department. Minimum requirements for consideration include a Ph.D. in a related biological sciences field or equivalent field. Postdoctoral experience is preferred.

Scientific infrastructure at Mississippi State University supports focus areas in proteomics, genomics, and computational sciences. University Centers that house these facilities include the Life Sciences and Biotechnology Institute, the Electron Microscopy Center, the Geosystems Research Institute, and the Center for Computational Sciences. For more information on the department or these entities, please visit the Department of Biological Sciences [website: http://www.msstate.edu/dept/biosciences](http://www.msstate.edu/dept/biosciences).

Applicants should submit curriculum vitae, reprints of three representative publications, a concise statement of current and future research interests (one page), and a brief statement of teaching philosophy including relevant areas of teaching competence. Also, arrange for at least three letters of reference to be sent to the address below. Send applications (hard copy or electronic) to: **Dr. Nancy Reichert, Professor and Head, Department of Biological Sciences, P.O. Box GY, Mississippi State University, Mississippi State, MS 39762; e-mail: nar1@msstate.edu**. Screening will begin January 15, 2009, and will continue until the positions are filled.

*Mississippi State University is an Affirmative Action/Equal Opportunity Employer.*

**SHULL FELLOWSHIP** at the Oak Ridge National Laboratory (ORNL): the Neutron Sciences Directorate of the ORNL invites applications for the Clifford G. Shull Fellowship. The Shull Fellowship provides an exciting opportunity to pursue research applying neutron scattering methods to forefront problems in physics, chemistry, biology, or materials science and engineering. Applications for Shull Fellowships commencing in 2009 are now being accepted. To receive full consideration applications must be submitted by December 12, 2008. For more information, and to apply, go to [website: http://jobs.ornl.gov/index.cfm](http://jobs.ornl.gov/index.cfm). ORNL is an Equal Opportunity Employer, committed to work force diversity. Applicants need not be U.S. citizens.