

## POSITIONS OPEN

### APPLIED NATURAL SCIENTIST- RESOURCE PLANNER UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Assistant or associate professor in multidisciplinary program in land resources planning/environmental analysis. To teach, lead student workshops, and conduct research in application of natural science data and knowledge to problem-focused planning in land use, resource management, and environmental impact assessment. Applicants should possess a Ph.D. or equivalent in a natural science, resource management, or related field. Teaching experience and proven research capability, including the development of applied contract work, are highly desirable. The program, housed in the Department of Landscape Architecture, draws students from planning, geography, ecology, and civil engineering. Continuing appointment, available beginning January or August 1980. Salary dependent on qualifications. Send application, including résumé, statement of teaching and research interests, and names of three references, to: CALREP Search, c/o R. B. Riley, Head, Department of Landscape Architecture, 205 Mumford Hall, University of Illinois, Urbana, Ill. 61801; telephone: 213-333-0175. For full consideration, applications should be received by 15 October 1979. An Affirmative Action/Equal Opportunity Employer.

### ASSISTANT PROFESSOR

Ph.D. immunology, biochemistry, or microbiology with minimum of 2 years of training and experience in immunochemistry. Research position in immunochemical studies applied to serology of rheumatoid disease.

Send curriculum vitae to:

David Kotler, M.D.  
Department of Pathology  
Hahnemann Medical College and Hospital  
230 North Broad Street  
Philadelphia, Pa. 19102

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## POSITIONS OPEN

**ASSISTANT PROFESSOR.** A tenure-track faculty position is available at Duke University Medical Center. Applicants must have postdoctoral experience and research interest in the cellular biology of cancer with emphasis in radiation and/or chemical carcinogenesis. Salary commensurate with qualifications. Send curriculum vitae, three letters of reference, and copies of pertinent publications to:

Charles E. Putman, M.D., Chairman and Professor  
Department of Radiology  
Duke University Medical Center  
Box 3808  
Durham, N.C. 27710

An Equal Opportunity/Affirmative Action Employer.  
Applications from minority candidates are encouraged.

Applications are invited for appointment as **ASSISTANT PROFESSOR** in the Environmental Engineering Program. Specialization in biological or physical processes in water and wastewater treatment is desired. Duties will include teaching in both graduate and undergraduate courses as well as development of an active program of research and scholarship. Send curriculum vitae and list of three references to: Dr. Joseph S. Devinny, Search Committee, BHE, 213, University of Southern California, University Park, Los Angeles, Calif. 90007. University of Southern California is an Equal Opportunity/Affirmative Action Employer.

The Department of Chemistry at Purdue University solicits applications for an **ASSISTANT PROFESSOR** level tenure-track position in any area of organic chemistry, effective August 1980. Minimum requirements include a Ph.D. in chemistry and exceptional promise in research and teaching at the undergraduate and graduate levels. Curriculum vitae, including undergraduate and graduate transcripts, a summary of planned research, and three letters of recommendation should be sent by 1 December 1979 to: Professor D. W. Margerum, Head, Department of Chemistry, Purdue University, West Lafayette, Ind. 47907. Purdue is an Equal Opportunity/Affirmative Action Employer.

## POSITIONS OPEN

### UNIVERSITY OF GUELPH College of Biological Science DEPARTMENT OF NUTRITION

Applications are invited for the position of **ASSISTANT PROFESSOR OF NUTRITION**. Qualifications required are a Ph.D. with training in experimental nutrition related to the field of aquaculture. The successful applicant will be required to teach aspects of comparative nutrition at the undergraduate and graduate levels, and to supervise graduate students and conduct research on applied and fundamental aspects of fish nutrition. Curriculum vitae and the names of three references should be sent to: Dr. B. L. Walker, Chairman of Search Committee, Department of Nutrition, University of Guelph, Guelph, Ontario, Canada N1G 2W1 by 1 December 1979. Appointment subject to final budgetary approval.

### ASSISTANT PROFESSOR OF PHYSIOLOGY UNIVERSITY OF CALIFORNIA SAN FRANCISCO (UCSF)

The Department of Physiology, UCSF, has an opening for an assistant professor who will participate in and add strength to the Interdisciplinary Graduate Program in Endocrinology on the San Francisco campus. He or she will be expected to develop a research program; attract graduate students and postdoctoral fellows, and interact with and complement current research in endocrinology in the department. We are specifically interested in individuals with expertise in the control of the secretion and cellular actions of hormones such as angiotensin, vasopressin, ACTH, growth hormone, and brain peptides. Applications will be accepted until 1 January 1980. Send curriculum vitae and bibliography to, and arrange to have at least three letters of recommendation sent to:

William F. Ganong, M.D., Chairman  
Department of Physiology  
University of California  
San Francisco, California 94143

UCSF is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

### ASSOCIATE PROFESSOR OF MICROBIAL PHYSIOLOGY

A tenure-track position requiring a Ph.D. with a primary research interest in microbial membrane physiology/biochemistry and experience in electron microscopy is now available. Responsibilities include medical and graduate student teaching, independent research, and the supervision of an excellent electron microscopy facility consisting of one scanning and two transmission electron microscopes. Candidates with established research programs are invited to submit research summary, curriculum vitae, and the names of three references to:

Dr. W. L. Myers, Professor and Chairman  
Department of Medical Microbiology  
and Immunology  
Southern Illinois University School of Medicine  
P.O. Box 3926  
Springfield, Ill. 62798

An Equal Opportunity/Affirmative Action Employer

**CHAIRPERSON**, Physiology and Biophysics. Ph.D. or M.D. preferred. Candidate must show leadership in research and commitment to education in the health sciences. Send letter of application and copy of curriculum vitae to: William L. West, Ph.D., Chairman, Physiology Search Committee, Department of Pharmacology, Howard University College of Medicine, Washington, D.C. 20059; Closing date: 1 November 1979.

### CHAIRMAN, BIOLOGY DEPARTMENT, AND DIRECTOR, CENTER FOR MARINE AND ENVIRONMENTAL STUDIES

Experimental biologist with marine biomedical interests and a strong record in sponsored research to direct ten-person biology department and nine-member interdisciplinary research center. Duties in addition to administration of each unit include coordination and stimulation of departmental and center research efforts as well as some teaching. Department has about 150 undergraduate majors and 20 graduate students. Position available as early as January 1980. Letters, résumés, and three letters of reference should be sent to: Chairman, Search Committee, Biology Department, Williams Hall Number 31, Lehigh University, Bethlehem, Pa. 18015. An Equal Opportunity/Affirmative Action Employer.



## DIRECTOR OF RESEARCH Seven Positions Open U.S. Food and Drug Administration

The Food and Drug Administration is presently recruiting for seven **DIRECTOR OF RESEARCH** positions at newly established research centers. The positions will be available in January 1980. The research centers are as follows:

- 1) Elemental Analysis Research Center, Cincinnati, Ohio;
- 2) Total Diet Analysis Research Center, Kansas City, Missouri;
- 3) Pesticide & Industrial Chemicals Research Center, Detroit, Michigan;
- 4) Mycotoxin & Natural Poison Research Center, New Orleans, Louisiana;
- 5) Animal Feed & Tissue Drug Residue Research Center, Denver, Colorado;
- 6) Seafood Products Research Center, Seattle, Washington; and
- 7) Sterility Research Center, Minneapolis, Minnesota.

The fundamental purpose of these centers is to develop, through research, new or improved methods for chemical and microbiological analyses.

The director for each research center is responsible for planning, organizing, and executing a specialized research program, as well as for the efficient management of the center's staff, budget, and associated resources. The individual selected will be responsible for developing a research program to provide the knowledge and technology to detect, measure, and characterize a wide spectrum of chemical and/or microbiological components in regulated areas. The director is the chief scientist of the center and in that capacity is responsible for the development, planning, and direction of the research activity of the center.

The director of each research center should have: in-depth experience as a researcher in an appropriate scientific discipline in the government, academia, or in the private sector; demonstrated ability to plan and manage multidisciplinary research efforts; demonstrated ability or potential to supervise and manage a technical organization; and ability to communicate effectively.

All seven positions have permanent Civil Service status. Salary ranges from \$27,453 to \$42,171 (GS-13/14), depending upon qualifications. Candidates will be evaluated on the basis of their professional training and demonstrated accomplishments. U.S. citizenship required.

To apply, all candidates should submit an extensive curriculum vitae or résumé to: Kenneth Bransford, Division of Personnel Management (HFA-440), 5600 Fishers Lane, Rockville, Md. 20857. Applications will not be accepted if received after 1 October 1979. For further information, telephone 301-443-3326.