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 ability. Chairmen, 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. Contingent upon 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, 206 Munford Hall, University of Illinois, Urbana, IL 61801; telephone: 214-333-0175. 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 1 year of training and experience in immunology. Research position involves immunological and chemical studies applied to serology of rhinovirus disease. Send curriculum vitae to: David Kofler, M.D., Department of Pathology, Hahnemann Medical College and Hospital, 250 North Broad Street, Philadelphia, Pa. 19102

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 responsibilities 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 conducting research that will provide the knowledge and technology to detect, measure, and characterize a wide spectrum of chemical and microbiological contaminants 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, industry, 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-12, GS-13), 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 Fleures Lane, Rockville, Md. 20857. Application materials should be submitted no later than 1 October 1979. For further information, begin with the telephone number 301-443-3236.

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 research in one of the following areas: 1) the cellular biology of cancer and/or cancer cell carcinogenesis. Salary commensurate with qualifications. Send curriculum vitae, three letters of reference, and copies of pertinent publications to: Charles E. Putnam, M.D., Chairman and Professor Department of Radiology Duke University Medical Center Box 3806 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. Devita, Search Committee, BHE, 213, University of Southern California, University Park, Los Angeles, Calif. 90089. 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 experimental experience in 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 November 1979 to: Professor W. Margaret Head, Department of Chemistry, Purdue University, West Lafayette, Ind. 47907. Purdue is an Equal Opportunity/Affirmative Action Employer.

The Department of Physiology at UCSF has an opening for an assistant professor who will participate in and add to the interdisciplinary Graduate Program in Endocrinology on the San Francisco campus. He or she will be expected to develop a research program that attracts graduate students and postdoctoral fellows, and interact with and complement current research in the department. We are specifically interested in individuals with expertise in the control of the secretion and cellular actions of hormones or growth factors, adrenal gland, vasopressin, ACTH, growth hormone, and brain peptides. Applications are invited 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 one or two postdoctoral fellows. Academic rank and appointment are at the Assistant Professor level; associate professor and tenured appointments are possible. Candidates with established research programs are invited to submit research summary, curriculum vitae, and the name of three references, to: Dr. W. L. Myers, Professor and Chairman Department of Medical Microbiology and Immunology Southern Illinois University School of Medicine Springfield, IL 62704

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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 and Toxicology, College of Medicine, Washington, D.C. 20039. Closing date: 1 November 1979.

CHAIRMAN, BIOLOGY DEPARTMENT, AND DIRECTOR, CENTER FOR MARINE AND ENVIRONMENTAL RESEARCH.

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