

## POSITIONS OPEN

### DEPARTMENT OF ANATOMY WEST VIRGINIA UNIVERSITY SCHOOL OF MEDICINE

Applications are invited from ANATOMISTS experienced in teaching functional gross anatomy. Applicants must have postdoctoral research experience and an established research program of high quality in the area of *in vitro* and *in vivo* measurements of bone strain and remodeling. Appointment will be made in conjunction with the Department of Orthopedic Surgery. Academic rank will be commensurate with qualifications. Closing date for applications is 15 September 1979. Submit curriculum vitae with complete bibliography and names of three references to: **Dr. Robert S. McCuskey, Chairman, Department of Anatomy, West Virginia University Medical Center, Morgantown, West Virginia 26505. West Virginia University is an Equal Opportunity/Affirmative Action Employer.**

**ASSISTANT PROFESSOR.** Applications are invited for a position in the Radiobiology Section of the Johns Hopkins Oncology Center, available autumn 1979. Applicants should have a doctorate, and postdoctoral or equivalent experience. Preference will be given to applicants having research interests and experience quantifying the radiation response *in vivo* of experimental tumor systems and/or normal tissues. Previous research with *in vitro* assays of *in vivo* damage, or with combination (radiation/drug/immune) therapy would be helpful. The successful applicant will be expected to develop an independent research program complementary to ongoing studies in molecular and cellular radiobiology, as well as contributing to the teaching of undergraduate and graduate students and medical residents. Applications, including complete curriculum vitae and names of at least three references, should be forwarded to: **Dr. Ralph E. Durand, Johns Hopkins Oncology Center, 601 North Broadway, Baltimore, Maryland 21205, before 1 September 1979. Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer.**

**ASSISTANT PROFESSOR** to teach junior and senior level courses in human anatomy and physiology beginning in September. Ph.D. and teaching experience required. Applicants should send curriculum vitae, three letters of reference, and documentation of teaching effectiveness to: **HAP Search Committee, School of Allied Health Sciences, P.O. Box 146, The University of Texas Medical Branch, Galveston, Texas 77550.**

*The University of Texas is an Equal Opportunity/Affirmative Action Employer, M/F/H.*

**ASSISTANT PROFESSOR OF PHARMACOLOGY.** Applications are invited from qualified candidates with a Ph.D. or M.D. degree. Opportunity exists for a joint appointment in clinical pharmacology. Applicants must have a minimum of 2 years of postdoctorate experience. Position offers opportunities to develop a research program and to participate in the teaching of graduate and medical pharmacology courses. Submit a résumé of research interests, curriculum vitae, and three letters of recommendation to: **Dr. Michael J. Peach, Department of Pharmacology, Box 448, University of Virginia School of Medicine, Charlottesville, Virginia 22908.**

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**ASSISTANT PROFESSOR OF PHARMACOLOGY.** A tenure-track position for an individual with a Ph.D. in organic chemistry with postdoctoral experience in pharmacology. The successful candidate will teach graduate courses in analytical chemical methods in toxicology and pharmacology. He/she will also be expected to maintain an active research program in pharmacology. Interested candidates should forward their curriculum vitae, three letters of reference, and a summary of their research interests to: **Search Committee II, Department of Pharmacology, UCLA Center for the Health Sciences, Los Angeles, Calif. 90024. An Equal Opportunity/Affirmative Action Employer.**

**BIOORGANIC CHEMIST.** Position involves full-time research on the metabolism of drugs affecting the central nervous system. The research involves GC, GC/MS, HPLC, and general biochemical procedures. Prior experience in these techniques is desirable but not required. Applicants should submit curriculum vitae, abstract of dissertation, and three references to: **Appointment Committee I, Department of Pharmacology, UCLA Center for the Health Sciences, Los Angeles, Calif. 90024. An Equal Opportunity/Affirmative Action Employer.**

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### ASSISTANT PROFESSOR OF BIOLOGY

September opening for 1-year replacement position to teach undergraduate courses in anatomy and physiology, general biology and graduate courses in aging and physiology. Ph.D., teaching experience, and postdoctoral research required. Salary: \$13,500. Send résumé by 10 August to: **Director of Administration, Long Island University/The Brooklyn Center, University Plaza, Brooklyn, N.Y. 11201. An Equal Opportunity/Affirmative Action Employer.**

Applications are invited for the position of **ASSISTANT PROFESSOR** in the Department of Pharmacology and Therapeutics, Section of Toxicology. The individual is expected to develop an independent research program in environmental or industrial toxicology to complement existing programs in forensic and clinical toxicology. Ph.D. degree or equivalent and postdoctoral experience are required. Teaching responsibilities include medical and graduate courses. Interested candidates should send curriculum vitae and description of research and teaching interests to: **Joseph E. Manno, Ph.D., Chief, Section of Toxicology, Department of Pharmacology and Therapeutics, Louisiana State University Medical Center, P.O. Box 33932, Shreveport, Louisiana 71130.**

*We are an Equal Opportunity Employer.*

**ASSISTANT PROFESSOR: PLANT MOLECULAR BIOLOGIST.** The University of Minnesota has a faculty position for a person to apply molecular biological techniques to the study of higher plants. Experience in recombinant DNA technology is desirable. This person will be expected to cooperate with a group of other investigators within the Colleges of Biological Sciences and Agriculture who are interested in plant improvement. Applicants should have postdoctoral experience and demonstrated ability to conduct independent research. Screening of applicants will begin 1 September 1979 but applications will be accepted until the position is filled. Send curriculum vitae, undergraduate and graduate transcripts, a brief description of research interests, reprints, and names of four references to: **Dr. Irwin Rubenstein, Head of the Search Committee, 250 BioScience Center, University of Minnesota, 1445 Gortner Avenue, St. Paul, Minn. 55108.**

*The University of Minnesota is an Equal Opportunity Educator and Employer.*

### ASSOCIATE/PROGRAM DIRECTOR (\$32,422 to \$47,500)

The National Science Foundation, Division of Environmental Biology, is seeking candidates for a permanent or 2-year rotational appointment as program or associate program director for Biological Research Resources Program. This program supports research resources that facilitate and enhance research in environmental biology. Resources include major systematic research collections, living collections of various kinds, controlled environment facilities, and field research facilities. Salary is negotiable based on qualifications and experience within salary range shown above. Health, life insurance, and leave benefits are available. Applicants must have a Ph.D. or its equivalent in a relevant field of biology and have 4 or 5 years of administrative experience in science with concentration in resources for environmental biology. Send résumés to: **National Science Foundation, DPM, EMPB 79-17, 1800 G Street, NW, Washington, D.C. 20550, by 15 September 1979.** For further information, telephone: **Catherine Hobek at 202-632-4124.**

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### BIOCHEMICAL VIROLOGY

A junior or senior postdoctoral position is available to study biochemical aspects of influenza virus replication and antigenic variation in influenza viruses. Successful candidates must have strong backgrounds in biochemistry. Send curriculum vitae and a statement of career goals to: **Dr. R. G. Webster, Division of Virology, St. Jude Children's Research Hospital, P.O. Box 318, Memphis, Tenn. 38101. An Equal Opportunity/Affirmative Action Employer.**

**BIOLOGICAL REGULATORY MECHANISMS.** Three positions at the research associate level available for Ph.D.'s interested in studying regulation of DNA and RNA synthesis in prokaryotes and eukaryotes. Write to: **Professor Geoffrey Zubay, Department of Biological Sciences, Columbia University, New York, N.Y. 10027.**

## POSITIONS OPEN

### BILINGUAL ENVIRONMENTAL HEALTH SCIENTIST

The Pan American Health Organization is seeking a graduate environmental scientist, chemist, M.D., or engineer whose specialty area is environmental health, particularly in the field of:

- 1) Preparation of long- and short-term national environmental health plans that are suitable to cope with the most important human environment relationship problems;
- 2) Cooperation in the establishment of environmental health control strategies and standards;
- 3) Assisting in the establishment of monitoring systems to detect air, water, and soil pollutants of significance to the human health; and
- 4) Assisting in assessing from existing information, health problems resulting from environmental changes.

The post is in Brasilia, Brazil, and calls for close work with the evolving environmental health program of the government of Brazil. An excellent knowledge of Portuguese or Spanish with a working knowledge of English is required. M.P.H. and 5 years of experience required. Salary range with dependents: U.S.\$21,756 to U.S.\$27,750, and single, from U.S.\$20,209 to U.S.\$25,596 net of taxes per annum, with excellent fringe benefits. Please send résumé to: **Personnel Office, Pan American Health Organization, Regional Office of the World Health Organization, 525 23rd Street, NW, Washington, D.C. 20037.**

**BIOLOGICAL SCIENCE—GENETICS AND CELL BIOLOGY.** Assistant professor, fall 1980. Teach undergraduate genetics courses; graduate instruction; maintain active research. Ph.D. in genetics/developmental biology. Postdoctoral, previous teaching experience and eukaryotic gene organization preferred. Salary: \$14,000 to \$20,000. Reply by 21 September 1979 to: **S. Heywood, University of Connecticut, U-125, Storrs, Connecticut 06268.**

*An Equal Opportunity Employer*

**CELL BIOLOGISTS.** Several research positions at junior and intermediate levels are open now for work on the genetics and physiology of cells grown in culture. Mutants altered in their response to growth factors, hormones, ultraviolet light, mutagens, carcinogens, and teratogens are being isolated to study the action of these agents and to develop *in vitro* cell culture screening systems. Novel methods will be developed to exploit a unique semiautomated facility developed here for quantitative measurements on very large numbers of individual clones. Cell culture experience essential; somatic cell genetics and physiology experience valuable; familiarity with computers helpful. Send résumé, description of your research interests, and names of three referees by 1 September 1979 to: **Professor Donald A. Glaser, Molecular Biology Department, University of California, Berkeley, Calif. 94720. The University of California is an Affirmative Action Employer.**

Los Angeles—UCLA School of Medicine seeks appropriate candidates for the **JUDSON BRAUN CHAIR IN BIOLOGICAL PSYCHIATRY**, newly endowed professorship for psychiatrist (eligible for California licensure) with record of distinguished research in biological aspects of mental illnesses. *Equal Opportunity/Affirmative Action Employer.* Send curriculum vitae, letter discussing career goals, and five references to:

**Fritz C. Redlich, M.D.**  
Chairman, Judson Braun Chair Search Committee  
Attention: Bernadette T. Smith  
UCLA Neuropsychiatric Institute  
760 Westwood Plaza  
Los Angeles, California 90024

### CHAIRPERSON, DEPARTMENT OF ZOOLOGY University of North Carolina, Chapel Hill

The Department of Zoology, University of North Carolina at Chapel Hill, invites applications for the position of professor and chairperson. The department's 25 faculty members have broad interests and actively participate in four interdepartmental programs. Candidates must have distinguished professional records and must be able to provide dynamic, unifying leadership. Appointment is to the rank of tenured professor; salary is fully negotiable. Nominations and applications, including curriculum vitae and the names of at least three references, should be sent prior to 1 November 1979 to: **Professor R. F. Christman, 106 Rosenau Hall, 201H, University of North Carolina, Chapel Hill, N.C. 27514. The University of North Carolina is an Affirmative Action/Equal Opportunity Employer.**