

POSITIONS OPEN

ANATOMIST

Anatomist, Ph.D., for full-time teaching position beginning August 1985. Primary teaching responsibilities will be in neuroscience and histology with some possible involvement in gross anatomy and embryology. Candidate is encouraged, but not required, to develop an active research program.

Northwestern College of Chiropractic is a 4-year postbaccalaureate institution.

Send curriculum vitae and names and telephone numbers of three references to:

Jane Michels
Northwestern College of Chiropractic
2501 West 84 Street
Bloomington, Minnesota 55431
An Equal Opportunity Employer

The Immunobiology Division of the Department of Pathology and Laboratory Medicine at the University of Pennsylvania School of Medicine has openings for two tenure-track positions at the ASSISTANT PROFESSOR level. Candidates should have at least 2 years of postdoctoral experience and a background in molecular biology and immunology or membrane immunobiology. Applicants should have expertise in cellular receptors and growth factors and an interest in regulation, cell growth, and differentiation in immune and nervous systems. Familiarity with flow cytometry, biochemistry, and immunological techniques desirable. Successful candidates will have demonstrated ability to develop an independently funded research program. Send curriculum vitae, bibliography and names of three references to: Mark I. Greene, M.D., Ph.D., Director, Immunobiology Division, Department of Pathology and Laboratory Medicine/G3, University of Pennsylvania School of Medicine, 36th and Hamilton Walk, Philadelphia, Pa. 19104. The University of Pennsylvania is an Equal Opportunity Employer.

ASSISTANT PROFESSORS OF PHYSIOLOGY

The Department of Physiology and Biophysics at Case Western Reserve University, which is in the midst of a major faculty recruitment drive and facility improvement, has available several tenure-track assistant professor positions. Candidates with strong credentials in neurophysiology and secretion-coupling are especially encouraged to apply; however, outstanding candidates in all areas of cell physiology and biophysics will be given serious consideration.

The terms are highly competitive and the appointment provides an excellent opportunity to develop a strong, independent research program in an expanding department and in the growing research community at Case Western Reserve.

The application should include curriculum vitae, a brief statement of present and proposed research interests, representative reprints, the names of four references, and should be sent to: Dr. Antonio Scarpa, Department of Physiology, Case Western Reserve University, Cleveland, Ohio 44106.

An Equal Opportunity/Affirmative Action Employer

BIOTECHNOLOGY RESEARCH ASSOCIATES FOR INDUSTRIAL/ACADEMIC COOPERATIVE PROJECT

Interdisciplinary multiyear research program involving the Departments of Chemical Engineering, Microbiology and Biochemistry, in collaboration with a major industrial corporation, to develop novel separations of products from genetically altered microorganisms. At least two positions are available. Both positions will offer the potential for interaction with faculty in biological and engineering sciences to develop new approaches for industrial scale protein separations. One position is for an individual with background and interest in recombinant DNA and/or molecular genetics to develop genetic alterations enhancing isolation and recovery of proteins from microorganisms. Another position is for an enzymologist/protein chemist or biochemical engineer experienced in these areas to develop new technology for protein separations. Applicants must have a Ph.D. in the areas described.

Application deadline: 31 July 1985. To apply, send curriculum vitae, a statement of past research experiences, and two letters of reference to

Dr. James B. Blair
Department of Biochemistry
West Virginia University Medical Center
Morgantown, W. Va. 26506

West Virginia University is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR

Applications are invited for a position at the level of assistant professor in the Department of Pharmacology of the Yale University School of Medicine. Applicants must have the Ph.D. degree, postdoctoral experience, and a strong commitment to develop antineoplastic agents. The position is for a bioorganic chemist or a medicinal chemist with interest and experience in the design and synthesis of cancer chemotherapeutic agents and in elucidation of the molecular mechanisms by which they express their cytotoxic actions. Interested candidates should send curriculum vitae, transcripts, reprints, description of areas of research interests, and the names of three individuals who are familiar with the candidate's abilities by 1 July 1985 to: Dr. John P. Perkins, Department of Pharmacology, Yale University School of Medicine, New Haven, Conn. 06510. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF PHARMACOLOGY.

Applications are being solicited for a 12-month, tenure-track position at the assistant professor level in pharmacology. The successful applicant will have an earned doctorate in pharmacology and have the potential to develop an independent research program. A significant portion of time will be spent teaching pharmacology to second year medical students. Experience in educational activities is, therefore, desirable. Interested individuals are asked to submit curriculum vitae and three letters of reference to: Dr. Alvin S. Levine, Assistant Dean and Director, Terre Haute Center for Medical Education, Indiana University School of Medicine, 135 Holmstedt Hall, Terre Haute, Ind. 47809. Indiana University is an Equal Opportunity/Affirmative Action Employer.

Tenure-track ASSISTANT PROFESSOR POSITIONS are available in the Department of Pharmacology, University of Iowa, College of Medicine. Applications are invited from well-trained individuals who possess the Ph.D. and/or M.D. degree and who are active in an area suitable for development of a vigorous research program related to molecular and cellular pharmacology or more traditional pharmacological disciplines. The University of Iowa is an Equal Opportunity/Affirmative Action Employer. Submit curriculum vitae and names of three references to:

Search Committee
Department of Pharmacology
Bowen Science Building
University of Iowa
Iowa City, Iowa 52242

THE UNIVERSITY OF SYDNEY CHAIR OF PHYSICS (ASTROPHYSICS) Reference Number 16/05

Applications are invited for the chair of physics (astrophysics) which will become vacant in the School of Physics at the end of 1985, following the retirement of Professor B. Y. Mills.

Salary will be at the rate of A\$52,026 per annum (under review).

Applications in duplicate, quoting reference number, including curriculum vitae, list of publications, and the names and addresses of three referees, by 31 July 1985, to: The Registrar, University of Sydney, New South Wales 2006, AUSTRALIA, from whom further information is available.

The University reserves the right not to proceed with any appointment for financial or other reasons.

Equal Employment Opportunity is university policy.

DEPARTMENT CHAIRPERSON. The Ohio State University College of Veterinary Medicine invites nominations and applications for the position of chairperson for the Department of Veterinary Physiology and Pharmacology. Applicants should hold the Ph.D. or equivalent degree and have demonstrated excellence in research, administration, communication skills, and a commitment to professional and graduate education. Duties include administration of a department with programs in physiology, pharmacology and toxicology, and assistance with college planning and administration. Salary is negotiable. Nominations or applications including curriculum vitae and names of three references should be sent to: Dr. L. E. Heider, The Ohio State University, College of Veterinary Medicine, 1900 Coffey Road, Columbus, Ohio 43210-1092. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

BIOCHEMICAL TOXICOLOGY. Postdoctoral position will be available fall 1985 in biochemical toxicology. Responsibilities will include fundamental research on hydrolytic enzymes involved in foreign compound metabolism. A background or interest in protein chemistry and/or genetic manipulation is desirable. Candidates should have a Ph.D. in biochemistry, chemistry, or a toxicologically relevant subject. Applicants should send detailed curriculum vitae, transcripts, list of publications, and names, addresses, and telephone numbers of three references to: Bruce D. Hammock, Departments of Entomology and Environmental Toxicology, University of California, Davis, Calif. 95616, by 15 July 1985. The University of California is an Equal Opportunity/Affirmative Action Employer.

CARDIOVASCULAR PHYSIOLOGIST, Ph.D., or GRADUATE STUDENT with major interest in assisted circulation, to help set up laboratory and clinical research program involving left and right ventricular assist devices. Opportunity to continue own funded grant work in this field. Private foundation directed by cardiac surgical group with university affiliation. Send curriculum vitae to:

Drs. Gannon, Lindberg, Satterfield and Anderson
2545 Chicago Avenue, Suite 611
Minneapolis, Minnesota 55404

CHEMIST RESEARCH ASSOCIATE, postdoctoral for individual with background in purification and analysis of polar organic natural products. Research project focuses on the isolation and identification of semiochemicals that affect the oviposition behavior of insects. Previous experience in HPLC, counter current chromatography, spectroscopy, and other analytical chemical procedures for water and alcohol soluble compounds desirable. This is an Agricultural Research Service (ARS), U.S. Department of Agriculture (USDA) position, GS-11. Salary: \$26,381 for 1 year, with probable renewal for a second year. U.S. citizenship required. Equal Opportunity Employer. Send résumé to: Dr. J. H. Tumlinson, Insect Attractants, Behavior and Basic Biology Research Laboratory, USDA, ARS, P.O. Box 14565, Gainesville, Fla. 32604 or telephone: 904-374-5730.

CLINICAL SCIENTIST POSITION: Institute of Applied Physiology and Medicine (IAPM), a nonprofit research organization in Seattle, wants M.D. or Ph.D. to develop noninvasive peripheral vascular and abdominal ultrasound research program in existing clinical practice. Research interests include new techniques and device development. Negotiable salary plus exam interpretation fees. Send résumé to: IAPM, 701 16th Avenue, Seattle, Wash. 98122.

ECOLOGIST with training in behavioral ecology and population sampling. Full-time research on dynamics and habitat selection of Southern tree squirrels. U.S. Forest Service, Clemson, S.C. GS-408-11. Starts at \$26,381. Apply by 31 May to: Announcement Number 400-5-0059-SE, U.S. Department of Agriculture-ARS-SEU, Room 409, Building 003, BARC-West, Beltsville, Md. 20705. Information: Telephone: 803-656-3284. Equal Opportunity Employer.

FACULTY POSITION—ANATOMY

Applications are invited for an assistant professor of anatomy. This special appointment is contingent on the applicant being successful in obtaining a Medical Research Council of Canada (or equivalent) Scholarship, which is awarded for a period of 5 years. A Ph.D. and/or M.D. or D.D.S. degree and minimum of 2 years of postdoctoral experience are essential. Candidates with strong productive research in immunocytochemistry, endocrinology, cellular pathology, or experimental teratology will be given preference. The successful applicant will be expected to devote at least 75 percent of time to research with limited teaching duties. Ability to teach human gross anatomy, histology, or embryology will be an asset. Candidates should arrange to have a copy of their curriculum vitae and three letters of recommendation sent to:

Dr. M. G. Joneja,
Professor and Head
Department of Anatomy
Faculty of Medicine
Queen's University
Kingston, Ontario, Canada K7L 3N6

In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. Persons of both sexes are encouraged to apply. Deadline for applications, including references, is 7 June 1985.