

Personnel Placement

Only those employers and individuals who do not discriminate on the basis of race, sex, religion, age, color, or national origin should submit Personnel Placement advertising.

POSITIONS WANTED: 40¢ per word; use of Box Number counts as 10 additional words. Minimum charge \$10. Prepayment required. This rate applies to individuals only; personnel agencies, companies, colleges, and universities take display rate for all advertising.

DISPLAY (POSITIONS OPEN, MARKET PLACE, AND SO FORTH): \$130 per inch, minimum, per insertion (1 inch is equivalent to 11 lines of 52 spaces each). Ads over 1 inch billed to nearest quarter inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Prepayment required for foreign advertising. Purchase orders and billing information must accompany all other advertising.

COPY for ads must reach SCIENCE by Wednesday, 3-½ weeks before issue date (Friday of each week) requested. Send copy for all positions wanted ads and display ads under 5 inches to:

SCIENCE, Room 207
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Send copy for display ads, 1/6 page and larger, to:

Scherago Associates, Inc.
11 West 42nd Street
New York, N.Y. 10036

BLIND AD replies should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Auditory Physiologist, Ph.D. Eleven years of postdoctoral experience in animal and human auditory electrophysiology, including electrocochleography and brainstem auditory evoked response investigations. Publications, grants, and teaching experience. Seeks position to continue human auditory research and teaching. Box 313, SCIENCE. X

Clinical Biochemist, Ph.D., specialist in chemistry (ASCP). Many years of postdoctoral training in endocrinology. Broad experience in clinical laboratory service. Development and research experience in RIA, bioassay, receptor binding, hormone action, enzyme induction and purification, with many publications. Seeks supervisory position in clinical laboratory with research/teaching opportunity. Box 324, SCIENCE. 7/16, 23, 30

Electron Microscopist, Plant Physiologist/Biochemist, Ph.D. 1965. Cell physiology, microbiology, enzyme localization in cells of animals, plants, and microorganisms. Publications and expertise. Desires mature position: managing EM lab, research and/or teaching, collaboration. Box 319, SCIENCE. X

Electron Microscopist, Ph.D. 1965. Eleven years of TEM experience, all techniques and samples, cytological to ultrastructural biochemistry. Cell biology of animals, plants, microorganisms. Publications. Can organize quality EM facility for service, research, teaching. Box 325, SCIENCE. X

Experimental Psychologist. Two years of postdoctoral experience. Publications on the reproductive behavior and biology of fish and mammals. Seeks teaching and/or research position. E. Pollak, 138 Jensen Road, Vestal, New York 13850. Telephone: 607-798-2414. X

Medical Microbiologist, Ph.D., postdoctorate in clinical pathology, special interest in parasitology. NASA and World Health Organization work experience in United States, Middle East, and Africa. Seeks clinical diagnosis, research, and/or teaching position in United States or overseas. Box 326, SCIENCE. X

POSITIONS WANTED

Medical Mycologist, diplomate (ABMM), associate professor, ready to initiate training program in specialty and take responsibility for clinical laboratory, teach in and coordinate medical microbiology undergraduate program(s). Prefers South. Box 327, SCIENCE. X

POSITIONS OPEN

ACADEMIC MEDICINE—CAREER OPPORTUNITIES in Department of Internal Medicine, Admissions Center. Full-time faculty appointment with responsibilities in well-staffed admissions area of a primary teaching hospital of the Medical College of Wisconsin. Appointment to an appropriate subspecialty section. Ample time and opportunity to pursue clinical or laboratory investigations aimed at developing a career in academic medicine. *Non-discrimination in employment.* Contact: **George B. Theil, M.D., Chief, Medical Service, Veterans Administration Center, Wood (Milwaukee), Wisconsin 53193.**

In accordance with University principles of fair-practice employment, the Department of Pathology of the University of Pennsylvania School of Medicine invites applications for an **ACADEMIC POSITION** in the Neuropathology Division of the Department. Minimum qualifications are completion of an approved residency program in neuropathology and eligibility or Board certification in neuropathology. Candidates with an interest in teaching or teaching and research would be given preference. Send curriculum vitae to:

Dr. Nicholas Gonatas
447 Johnson Pavilion
36th and Hamilton Walk
University of Pennsylvania School of Medicine
Philadelphia, Pa. 19174

Stanford University School of Medicine—**ANATOMY.** The Department of Anatomy invites applications for faculty positions in anatomy starting in 1976 or 1977. The level of appointment will be commensurate with the qualifications of the prospective faculty member. The primary teaching responsibility will be the gross anatomy and human embryology course for medical students. The research interests of the appointee may be in the area of anatomy, cell biology, or physical anthropology. Applicants should send their curriculum vitae, bibliography, names of three references, and a statement of research plans to the **Department of Anatomy, Stanford University School of Medicine, Stanford, Calif. 94305.** *Stanford University is an Equal Opportunity Employer and welcomes nominations of women and minority group members and applications from them.*

ANATOMY-PHYSIOLOGY. Immediate openings, assistant/associate/professor Ph.D. or equivalent, D.V.M. desirable. Productive researchers. Veterinary and graduate teaching.

NEUROANATOMIST (one position) with research interests in neuroscience.

RESPIRATORY PHYSIOLOGIST (two positions). Broad teaching competence in systemic physiology and research interest in respiratory diseases.

ENDOCRINOLOGIST (one position) with research interest in membranes, transport, and receptors with competence in radioimmunoassay.

Applicants submit résumés and list of three references by 15 August to: **Dr. Roger Fedde, Department of Anatomy and Physiology, College of Veterinary Medicine, Kansas State University, Manhattan, Kansas 66506.** *An Affirmative Action/Equal Opportunity Employer.*

The Physics Department of the University of California will have an **ASSISTANT PROFESSOR** position open in **EXPERIMENTAL SOLID STATE PHYSICS** and invites applications from physicists who have specialist backgrounds in modern high-energy spectroscopy of solids in relation to the band structure of solids. Candidates must possess the ability to conduct original research of significance. Applications should be sent to the **Chairman of the Physics Department, University of California, Berkeley, California 94720,** and should be received before 15 October 1976. *The University of California is an Affirmative Action Employer. Minority and women candidates are encouraged to apply.*

POSITIONS OPEN

ANIMAL EXPERIMENTATION: Are you interested in research on novel animal models for human diseases and metabolism? Do you have well-founded knowledge in zoology, physiology, and related medical fields and practical experience in animal experimentation? If so, you may be the new staff member we are looking for.

RESPIRATORY TOXICOLOGY: Applicant should design and conduct animal experiments in the field of inhalation toxicology and respiratory carcinogenesis and bioassays. Full competence in the respiration measurement techniques with laboratory animals is required.

ERGONOMICS AND OCCUPATIONAL MEDICINE: This position offers for an experienced scientist excellent opportunities to initiate and lead research projects related to stress effect measurements in order to improve occupational conditions. Experience in anthropotechniques or toxicology would be an advantage.

These three positions are open at the Battelle-Institute in Frankfurt, West Germany, an international contract research organization. Some knowledge of German is necessary. Please apply with full curriculum vitae to: **Personnel Officer, Battelle-Institute e.V., Am Römerhof 35, 6 Frankfurt/Main 90, West Germany.**

ASSISTANT TO DIRECTOR SMALL ANIMAL TOXICOLOGY

IRDC's continued expansion creates a need for two individuals to assist our Director of Small Animal Toxicology. Applicants should have a minimum of a B.S. degree and experience in long-term studies in small animal toxicology (rats, mice, and hamsters). If you would like to join a company that has doubled its size and business over the past 5 years, and would like to live in a desirable area of the Midwest, send your résumé (including salary history) to: **International Research and Development Corporation, 500 North Main Street, Mattawan, Michigan** (a few miles from Kalamazoo) 49071. Attention: **J. M. Ragen, Director of Personnel.** *Equal Opportunity Employer.*

ASSISTANT PROFESSOR OF BIOLOGY

Applications will be accepted until 23 July 1976 from persons who have recently received the Ph.D. degree and who have a strong background in vertebrate zoology. Partial list of duties will include teaching at the lower, upper-division, and graduate levels plus an active research program which supports one of the three present areas of emphasis (cellular and comparative physiology, reproduction and development, and nonmicrobial genetics).

Applicants must send a résumé, and the names, addresses, and telephone numbers of at least three persons with whom you have recently worked and whom we may contact as references. Send applications to: **Dr. George B. Cline, Professor and Chairman, Department of Biology, University of Alabama, Birmingham, Alabama 35294.** *The University of Alabama in Birmingham is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT RESEARCH BIOLOGIST

Position available 1 July 1976 at the level of assistant research biologist to participate in an investigation of genetic control of spermatogenesis. Applicants must be trained in *Drosophila* genetics, accomplished in electron microscopy, and familiar with spermatogenesis. Send résumé and three letters of recommendation to **Dr. Dan L. Lindsley, B-022, University of California, San Diego, La Jolla, California 92093.**

The University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

ASSOCIATE DEAN AND DIRECTOR OF RESEARCH, School of Agriculture and Life Sciences, North Carolina State University. Candidates should have an established reputation in research and ability to administer agricultural and biological research. Send curriculum vitae and the names of three references prior to 15 August 1976 to:

Dr. C. C. Cockerham, Chairman
Research Director Nomination Committee
P.O. Box 5457
North Carolina State University
Raleigh, North Carolina 27607

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

ASSISTANT PROFESSORSHIP IN PHYSIOLOGY

The Department of Physiology, School of Medicine, University of Maryland, wishes to complement an existing strong program in reproductive endocrinology by the recruitment of a highly qualified individual with strong commitments to teaching and research. Applications are invited for an assistant professor position and preference will be given to those applicants having research interests in sex steroid or ovarian gonadotropin receptology and/or reproductive endocrine cell physiology or in neuroendocrinology of reproduction. Those responding should have a Ph.D. degree, one or more years of postdoctoral experience, and should be competent to teach a course in physiology to graduate nurses. The initial appointment will be for 3 years with renewable options. Send curriculum vitae including a brief description of research interest and teaching experience and the names of three references to: **Dr. Charles A. Barraclough, Department of Physiology, School of Medicine, University of Maryland, Baltimore, Md. 21201. An Equal Opportunity/Affirmative Action Employer.**

ASSISTANT PROFESSOR OF PHYSIOLOGY

Assistant professor will be responsible for (i) teaching physiology with emphasis on its relation to public health and (ii) conducting research in lung physiology. The individual will participate in an ongoing, broad-based research project regarding the reaction of the lung to inhaled particles. Hence the candidate should have experience in several of the following: lung physiology, respiratory mechanics, lung clearance mechanisms, air pollution, mathematical analysis and modeling, and physics of aerosol production, behavior, and deposition.

Candidate should have academic training through the doctoral level, demonstrated teaching excellence, and demonstrated productive research. Address inquiries to **Joseph Brain, M.D., Associate Professor of Physiology, Harvard School of Public Health, 665 Huntington Avenue, Boston, Mass. 02115. An Equal Opportunity Employer.**

BIOLOGISTS: Continuing appointments available in the Department of Biology, The Pennsylvania State University, at the McKeesport Campus in McKeesport and the Ogontz Campus in Philadelphia. Positions available September 1976; appointments are expected to be at rank of assistant professor. The positions require teaching introductory courses in general biology and/or general zoology and intermediate-level courses in candidate's special interest area. Research encouraged. Candidates must have terminal degree (Ph.D.). Salary commensurate with qualifications. Send curriculum vitae, transcripts, and names of three references to **Dr. William H. Neff, Coordinator, Biological Sciences, 208 Life Science I, University Park, Pennsylvania 16802.** Indicate location preference. *The Pennsylvania State University is an Affirmative Action/Equal Opportunity Employer.*

CHEMICAL OCEANOGRAPHY

ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE of the University of Miami invites applications for a faculty position that will involve teaching and research. Research interests in the area of sources and fluxes of particles in the ocean would be of special interest. The appointment would be at the assistant or associate professor level, as appropriate. Applicants are requested to contact **James H. Carpenter, Division of Chemical Oceanography, Rosenstiel School of Marine and Atmospheric Science, 4600 Rickenbacker Causeway, Miami, Florida 33149. The University of Miami is an Equal Opportunity/Affirmative Action Employer.**

CHEMICAL OCEANOGRAPHY

ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE of the University of Miami invites applications for a faculty position that will involve teaching and research. Research interests in the area of sediment-water interactions and sediment diagenesis would be of special interest. The appointment would be at the rank of assistant through professor, as appropriate. Applicants are requested to contact **James H. Carpenter, Division of Chemical Oceanography, Rosenstiel School of Marine and Atmospheric Science, 4600 Rickenbacker Causeway, Miami, Florida 33149. The University of Miami is an Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

BIOENGINEER-APPLIED MATHEMATICIAN

At the assistant or associate professor level (non-tenured), an individual qualified as an applied mathematician and/or engineer who will collaborate with a group of physiologists, physicians, immunopharmacologists, and morphologists and supply the mathematical component in studies of breathing in man and other mammals. Particular research topics will be dynamics of unsteady gas flow in branched systems of collapsible tubes embedded in a highly compressible elastic matrix, and the mechanical properties and behavior of lung tissue. In addition, he/she will do independent research on theoretical aspects, mainly in respiratory mechanics. He/she will also supervise the use by the group of a computer facility, give tutorial assistance in mathematics, mechanics, and fluid dynamics as required by others in the group, and serve as its "quantitative arm" in interacting with other departments within the School, in particular the Biostatistics Department. Address inquiries to: **Jere Mead, M.D., Professor of Physiology, Harvard School of Public Health, 665 Huntington Avenue, Boston, Mass. 02115. An Equal Opportunity Employer.**

BIOLOGIST. Continuing appointment available in the Department of Biology, The Pennsylvania State University, Berks Campus, Reading, Pennsylvania. Position available September 1976; appointment is expected to be at rank of assistant professor. The position requires teaching introductory courses in general biology and general botany. Microbiology background desirable. Research encouraged. Candidates must have terminal degree (Ph.D.). Salary commensurate with qualifications. Send curriculum vitae, transcripts, and names of three references to **Dr. William H. Neff, 208 Life Science I, University Park, Pa. 16802. The Pennsylvania State University is an Affirmative Action/Equal Opportunity Employer.**

BOTANIST

The Department of Botany, University of Texas at Austin, anticipates a vacancy for a new faculty member starting September 1977. Responsibilities will include teaching large undergraduate-level courses in environmental and population biology as well as graduate-level courses preferably in the area of organismic botany. Ph.D., research and teaching experience required. Application deadline 1 September 1976. Send curriculum vitae and names of three persons from whom letters of recommendation may be solicited to **T. Delevoryas, Chairman, Department of Botany, University of Texas, Austin, Texas 78712. An Equal Opportunity/Affirmative Action Employer**

Stanford University School of Medicine—**CELL BIOLOGY.** The Department of Anatomy invites applications for junior and senior faculty positions in cell biology starting in 1976 or 1977. The level of appointment will be commensurate with the qualifications of the prospective faculty member. The primary teaching responsibility will be the cell biology and histology course for medical students. Preference will be given to applicants having research interests in membranes, motility, development, or supramolecular structure. Applicants should send their curriculum vitae, bibliography, names of three references, and a statement of research plans to the **Department of Anatomy, Stanford University School of Medicine, Stanford, Calif. 94305. Stanford University is an Equal Opportunity Employer and welcomes nominations of women and minority group members and applications from them.**

TWO CHEMICAL ENGINEERS, Ph.D. required, one senior position and one assistant professorship. Preferred research interest in bioengineering.

Ph.D. **BIOCHEMIST** with strong chemical background at the assistant professorship level to teach undergraduate and graduate courses. Preferred research interest in enzymatic chemistry, bound enzymes, and so forth.

Assistant professorship for **RAMAN LASER SPECTROSCOPIST** with proven research interest in this area and interested in the teaching of analytical chemistry.

Send a curriculum vitae and list of references to **H. Harry Szmant, Chairman, Department of Chemistry and Chemical Engineering, University of Detroit, Detroit, Mich. 48221. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

VISITING ASSISTANT PROFESSOR OF PHYSICS at Hilo College for a one-semester appointment beginning 1 September 1976, subject to available funding. Preference will be given to Ph.D. with strong laboratory and electronics or astronomy teaching background. Closing date for applications is 5 August 1976. Send application, résumé, and three letters of reference to **Dr. P. Sogo, University of Hawaii, Hilo College, P.O. Box 1357, Hilo, Hawaii 96720. An Equal Opportunity Employer.**

DEAN-GRADUATE/RESEARCH SCHOOL

Nominations and applications are invited for the position of Dean of the Rosenstiel School of Marine and Atmospheric Science, University of Miami.

The School is one of the major centers for research and graduate education in a rapidly evolving field. The Dean is expected to provide active leadership in the School's continued scientific and financial development. We are looking for a person with an earned doctorate in the sciences, with a record of scholarly achievement, and with administrative experience, preferably in an American university environment. The candidate should be capable of developing and coordinating major national and international marine-oriented research and of attracting economic support from private as well as state and federal sources.

Responses should be submitted in writing to **Dr. Walter Düng, Chairman, Search Committee, Rosenstiel School of Marine and Atmospheric Science, University of Miami, 4600 Rickenbacker Causeway, Miami, Florida 33149,** and received no later than 31 October 1976.

A private, independent, international University; *an Equal Opportunity and Affirmative Action Employer.*

DIRECTOR OF TOXICOLOGY—M.S. or Ph.D. in toxicology, pharmacology, or biochemistry preferred. Responsibilities will include direction of program involving toxicity evaluation of industrial and consumer products through contract laboratories, food and drug applications, toxicology aspects of air and water pollutants, interface with research, product development, and marketing managements. Experience in industrial toxicology preferred. Major petroleum-petrochemical company. Please send background qualifications and salary requirements in confidence to: **Box 323, SCIENCE. An Equal Opportunity Employer.**

IOWA STATE UNIVERSITY DIRECTOR WORLD FOOD INSTITUTE

Iowa State University invites applications for the position of director, World Food Institute. Administrative and international program experience are essential qualifications as well as experience with funding agencies and with development, implementation, and coordination of programs, preferably in international fields. Applicants should possess knowledge of university operations. The position provides administrative initiative and leadership for development, coordination, and evaluation of World Food Institute programs; encourages cross-disciplinary programs on world food problems; and maintains liaison with university administrators and faculty and contacts with other institutions involved with international programs. Doctorate degree preferred.

Application deadline is 1 August 1976 or until position is filled. Send nominations and applications to **Dr. Robert L. Crom, Chairman, Search Committee, 108 Curtiss Hall, Iowa State University, Ames, Iowa 50011. An Equal Opportunity/Affirmative Action Employer.**

The Arizona-Sonora Desert Museum seeks a **DIRECTOR** to take full responsibility for planning and developing programs and facilities and for day-to-day operations according to policies established by a Board of Trustees and, in association with the Trustees, for providing necessary funding. Doctoral degree in one of the natural sciences preferred and at least a master's degree required, with at least 7 years of progressively more responsible experience in institutional management. Compensation according to age, training, and experience. Decision desirable by 31 December 1976. Reply to **Arizona-Sonora Desert Museum, P.O. Box 5607, Tucson, Arizona 85703. Attention: Chief Administrative Officer.**

POSITIONS OPEN

DIRECTOR UNIVERSITY OF CALIFORNIA PRESS

The University of California invites applications for the position of director, University of California Press. The Press is a large academic publishing house that must meet all operating expenses from sales income. The director is responsible for editing, manufacture, and marketing of about 250 new books, monographs, and journal issues each year; for staff in several locations; for relations with outside agencies and with University of California administration; for management of a subsidiary company; and for a complex set of operating and capital accounts. Director works with an academic committee in choosing manuscripts and in charting the intellectual direction of the book program.

Candidates must have extensive and varied experience in the management of a large or medium-sized university press or of a commercial firm with academic interests. Some editorial experience is also necessary.

Send résumé to: Academic Vice President, c/o University of California Press Search Committee, 736 University Hall, University of California, Berkeley, Calif. 94720. Closing date for applications: 15 August 1976.

The University of California is an Affirmative Action/Equal Opportunity Employer.

DIRECTOR CLINICAL PHARMACOLOGY PROGRAM UNIVERSITY OF WISCONSIN CENTER FOR HEALTH SCIENCES

The Schools of Medicine and Pharmacy are planning a joint effort in clinical pharmacology. Emphasis will be on development of a coordinated program in education, research, and patient care. In addition, special opportunities are available for those candidates interested in alcoholism and drug abuse. Applicants should hold an M.D. degree and qualify for a faculty appointment and have sufficient background to develop and coordinate an interdisciplinary program. Address inquiries and curriculum vitae to Dr. Calvin M. Kunin, Department of Medicine, University of Wisconsin, 1300 University Avenue, Madison, Wisconsin 53706. *The University of Wisconsin is an Equal Employment Opportunity/Affirmative Action Employer.*

ENDOCRINOLOGIST

The Department of Physiology, Medical College of Virginia, is seeking an endocrinologist with teaching experience and evidence of research accomplishment to join the department during the academic year 1976-1977. The Department of Physiology currently has 24 faculty and 16 graduate students. Applicants should submit a résumé indicating educational background, professional experience, research productivity, and the names of three references to: Norman Briggs, Chairman, Department of Physiology, Medical College of Virginia, Richmond, Va. 23298.

An Equal Opportunity/Affirmative Action Employer

EXECUTIVE DIRECTOR NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING, INC.

A consortium of universities and research centers recently established to contribute to an increase in numbers of minorities with advanced degrees in engineering invites applications and nominations for the position of executive director. The member institutions are located throughout the continental United States with the central office located at the University of Notre Dame at South Bend, Indiana. Responsibilities of the director are to coordinate the efforts of the consortium members in fund raising, obtain nominations of students to participate in the program, carry out policy established by the board of directors, and manage the operation of the central office. Qualifications: experience in engineering or related fields along with an interest and desire to increase the participation of underrepresented minorities in the engineering profession. Some administrative experience desirable. Salary commensurate with qualifications and experience. Applications from, or nominations of, qualified persons stating education, experience, availability, and other qualifications should be sent to Dr. Joseph C. Hogan, College of Engineering, University of Notre Dame, Notre Dame, Indiana 46556. Deadline for receipt of applications or nominations is 15 August 1976.

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

THOMAS HUNT MORGAN SCHOOL OF BIOLOGICAL SCIENCES UNIVERSITY OF KENTUCKY

Applications are invited for one faculty position, available at the latest by fall 1977, in the area of physiology or developmental biology at the assistant professor level. Qualifications: Ph.D. degree, post-doctoral experience, an interest in developing an active research program, the ability to develop and teach advanced courses, and competency in teaching an undergraduate course in comparative anatomy. Send curriculum vitae, a brief description of experience and current interest in teaching and research, and the names and addresses of at least three references to: Office of the Director, T. H. Morgan School of Biological Sciences, University of Kentucky, Lexington, Kentucky 40506. *The University of Kentucky is an Equal Opportunity/Affirmative Action Employer.*

DIRECTOR OF RESEARCH IN ANESTHESIA—Ph.D. with experience in pharmacological or physiological research related to anesthesia. Will conduct research, train fellows in research, and teach. Level of appointment and salary commensurate with experience and ability. Concurrent appointment with Pharmacology Department in Tufts University School of Medicine. Must be experienced in writing grant proposals and obtaining and administering grant funds. Contact Kurt F. Schmidt, M.D., Professor and Chairman, Tufts-New England Medical Center Hospital, 171 Harrison Avenue, Boston, Mass. 02111. *An Equal Opportunity Employer, M/F.*

EXTENSION AGRONOMIST. Assistant professor, fall 1976. Ph.D. required; 75 percent extension, 25 percent teaching. Strong background in soil science preferred. Full academic standing and privileges on 12-month basis. Salary competitive and negotiable. Submit résumé, transcripts, and have three letters of reference sent to: Dr. F. W. Southwick, Plant and Soil Sciences Department, University of Massachusetts, Amherst, Mass. 01002. *An Equal Opportunity/Affirmative Action Employer.*

FERMENTATION DEVELOPMENT

Experienced, research-oriented biochemical engineer, with demonstrated ability in the successful development and scale-up of fermentation processes for production of pharmaceutical intermediates and final products, wanted to lead this activity as part of the development research effort of Merck & Co., Inc. A mature individual with background in engineering, microbiology, and biochemistry who understands the problems of characterizing and optimizing complex systems and who seeks innovative approaches leading to major technological/cost improvement will find this a challenging and rewarding position.

Work in the Merck Sharp & Dohme Research Laboratories offers outstanding professional associations, projects of major significance, and excellent compensation commensurate with experience in addition to a comprehensive benefits program. Please send résumé, including salary requirements, in confidence to: W. T. Jackson, Employment Supervisor.

MERCK & CO., INC. Rahway, N.J. 07065

Equal Opportunity Employer, M/F

LIPID BIOCHEMIST. Research position available September 1976 for a recent Ph.D. with training and experience in nutritional lipid biochemistry, preferably in the areas of chylomicron metabolism and of vitamin A. Studies will center on the metabolism of vitamin A and its nutritional and metabolic regulation. Salary about \$11,000. Send letter of application, complete curriculum vitae, and the names of at least three references before 1 August 1976 to: DeWitt S. Goodman, M.D., Columbia University, Department of Medicine, Black Building, Room 910, 630 West 168 Street, New York, New York 10032. *Affirmative Action/Equal Opportunity Employer.*

POSITIONS OPEN

QUANTITATIVE FISHERIES BIOLOGIST/ BIostatistician

Ecosystems Department, Battelle Pacific Northwest Laboratories, invites applications from Ph.D. or equivalent scientists, for the position of research scientist. Applicants should possess a good background in biostatistics and probability theory, be thoroughly familiar with fisheries management (surplus yield, stock recruitment, and so forth) models and be interested in applying them toward improving methods of predicting environmental impact. A broad background and interest in developing impact evaluation techniques and criteria is desired. Knowledge of mark-recapture methods for estimating population size and familiarity with time series analyses and applicability of species diversity indices will be looked on favorably. Interested candidates should send curriculum vitae, including list of publications, experience, and names of referees to E. P. Galbraith, Manager-Employment, Pacific Northwest Laboratory, Division of Battelle Memorial Institute, P.O. Box 999, Richland, Washington 99352. *An Equal Opportunity Employer.*

PHARMACOLOGISTS

VETERINARY PATHOLOGIST

Midwest Research Institute, a not-for-profit organization, offers excellent career opportunities in the rapidly expanding fields of pharmacology and toxicology.

DRUG METABOLISM

Experience in drug disposition, metabolism and pharmacokinetics; knowledge in analytical techniques essential.

BIOCHEMICAL PHARMACOLOGY

Experience in nucleic acid and protein biochemistry; knowledge of RNA/DNA hybridization and polyacrylamide gel electrophoresis technique desirable.

VETERINARY PATHOLOGY

DVM with strong background and interest in animal histopathology; board certification preferred.

Candidates with doctoral degrees preferred. Salaries are competitive and will be based on experience and training. Please send in complete confidence, resume with education, work experience and salary requirements to:

Martin N. Schuler
Manager, Staff Development



MIDWEST RESEARCH INSTITUTE
425 Volker Boulevard
Kansas City, Missouri 64110

An Equal Opportunity Employer M/F

POSITIONS OPEN

INSECT PHYSIOLOGIST

The Entomology Department has an opening for an insect physiologist. Applicants should have a Ph.D., with a strong academic background in the biological sciences, particularly entomology and associated areas such as chemistry and physics.

The responsibilities are to develop and conduct an active research program, to direct graduate student research, and teach graduates and undergraduates in the area of insect physiology. All areas of specialization in insect physiology will be given consideration. Rank and salary are commensurate with experience.

Interested, qualified persons should submit their curriculum vitae, undergraduate and graduate transcripts, three letters of recommendation, and a statement of research and teaching interests to:

Eldon E. Ortman
Department of Entomology
Purdue University
West Lafayette, Indiana 47907

Applications will be received until 15 July or until a suitable candidate is found.

An Equal Opportunity Employer; Purdue University is an Equal Access/Equal Opportunity Employer.

MICROBIOLOGY

Applications are invited for a faculty position in microbiology (rank open) in the Basic Sciences Division, Faculty of Medicine, Memorial University of Newfoundland, starting 1 January 1977. The new Health Sciences Centre, consisting of modern research, teaching, and hospital facilities, will serve as the base for those individuals with a Ph.D. or M.D., postdoctoral experience and research interests in the areas of microbial physiology, biochemistry, or molecular biology. Responsibilities will include the development of an active research program, participation in the teaching of undergraduate medical students, and supervision of graduate students. Applications accepted until 1 September 1976 should include a curriculum vitae, list of publications, and the names of three references and be sent to **Dr. R. B. Middleton, Chairman, Microbiology Search Committee, Faculty of Medicine, Memorial University of Newfoundland, St. John's, Newfoundland, Canada A1C 5S7.**

NEUROCHEMIST/BIOCHEMICAL PHARMACOLOGIST

Continued acceleration and expansion of our research efforts has resulted in an opening in our Department of Biochemistry for a neurochemist. The individual we seek should have interest and expertise in biochemical studies of centrally acting drugs. Background must include a Ph.D. in biochemistry or pharmacology. Postdoctoral experience with neurotransmitters and cyclic nucleotide systems is desirable. The selected candidate will function as part of a coordinated program directed toward the development of new CNS agents but will be allowed individual latitude in generating CNS biochemical research.

We offer a professional environment, modern research facilities, and an excellent salary/benefits package. The position is located at our Pharmaceutical Research Labs/Corporate Headquarters complex in suburban New Jersey. Please send curriculum vitae to **R. H. Walters, Personnel Department.**

Hoechst-Roussel Pharmaceuticals, Inc.
A Subsidiary of
American Hoechst Corporation
Route 202-206 North
Somerville, N.J. 08876
*An Equal Opportunity Employer,
F/M*



POSTDOCTORAL POSITIONS open in a program on physiology and biochemistry of the eye. Areas include membrane physiology and biochemistry, visual pigment and vitamin A biochemistry, retina and electrophysiology and ultrastructure. Requirements are Ph.D., M.D., or equivalent, U.S. citizenship or permanent resident status. Program offers good starting levels, \$1000 for travel, tuition fees, laboratory supplies, and maximum of 3 years in program. Write, sending curriculum vitae and area of interest, to: **Dr. J. A. Zadunaisky, Director, Training Program, Department of Physiology, New York University Medical Center, 550 First Avenue, New York, N.Y. 10016.**

POSITIONS OPEN

MOLECULAR BIOLOGIST OR VIROLOGIST

Ph.D. or M.D. Assistant or associate professorship. To join department oriented toward the molecular biology and genetics of DNA tumor viruses and mammalian cells. Graduate teaching and some undergraduate teaching. Send applications to **Dr. Pierre Bourgaux, Département de Microbiologie, Centre Hospitalier Universitaire, Université de Sherbrooke, Sherbrooke, Québec, Canada J1H 5N4.**

MOSQUITO GENETICIST. Recent Ph.D. (American citizen) to participate in laboratory and field research studies on malaria vectors in Pakistan. Appointment for 1 to 3 years, travel, housing, American education for grade and high school dependents provided. Salary commensurate with training and experience. Submit curriculum vitae by air mail to: **Dr. Richard H. Baker, Pakistan Medical Research Center, University of Maryland, 6 Birdwood Road, Lahore, Pakistan.**

POSTDOCTORAL, FELLOW—RESEARCH ASSOCIATE (Ph.D., M.D., or equivalent), biochemist-immunologist. To develop program on isolation of biologically active glycoproteins and protein antigens from sperm in collaboration with immunologists. Position available immediately. Submit résumé and three letters of reference to: **Kenneth S. K. Tung, M.D., Department of Pathology, University of New Mexico School of Medicine, Albuquerque, New Mexico 87131. An Equal Opportunity Employer.**

POSTDOCTORAL POSITION—The Kansas State University Physics Department is seeking an experimentalist to work in the area of accelerator based atomic physics, beginning September 1976. Accelerator or experimental atomic physics background preferred. Send curriculum vitae and three letters of reference to **C. L. Cocke, Department of Physics, Kansas State University, Manhattan, Kansas 66502. An Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL POSITION

Immediate 2-year opening to participate in studies of the biochemistry of chemical carcinogen-liver chromatin interaction. Major emphasis will be an analysis of chromatin components, binding affinities for carcinogens, and functional alterations. Experience in the biochemistry of chromatin and/or nucleic acids, or protein isolation and characterization is preferred. Send curriculum vitae and three letters of reference to: **Frederick F. Becker, M.D., Chairman, Department of Anatomic and Research Pathology, The University of Texas M. D. Anderson Hospital and Tumor Institute, Texas Medical Center, Houston, Texas 77030.**

POSTDOCTORAL POSITIONS. Postdoctoral positions open immediately for individuals interested in the role of cyclic nucleotides and protein kinase in the induction of protein synthesis. Training in protein characterization, molecular biology desirable. Send curriculum vitae and names of three references to **Dr. Richard A. Jungmann, Department of Biochemistry, Northwestern University Medical School, 303 East Chicago Avenue, Chicago, Illinois 60611.**

POSTDOCTORAL POSITION is immediately available for virology Ph.D. Research on viral pathogenesis of diabetes in animal models. Send letter, curriculum vitae, and names of three references to: **Dr. Elliot Rayfield, Mount Sinai School of Medicine, 100th Street and Fifth Avenue, New York, N.Y. 10029. An Equal Opportunity Employer.**

POSTDOCTORAL POSITIONS ENVIRONMENTAL PATHOLOGY

Applications are invited for postdoctoral research positions in environmental pathology in an NIEHS-sponsored training program. Research emphasis is on molecular and morphologic studies of effects of toxic substances on biological systems. Send curriculum vitae, names of three references, and a letter describing previous research and current research interests to: **Director, Environmental Pathology Program, Department of Pathology, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27514.**

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

POSTDOCTORAL POSITION in biopsychology available after 1 July 1976 to participate in research program dealing with control mechanisms of ingestive behaviors. Application encouraged from individuals with predoctoral training in the neurosciences. Starting salary \$10,500 to \$12,000. Send curriculum vitae and names of references to: **Dr. Alan Kim Johnson, Biopsychology Program, Department of Psychology, University of Iowa, Iowa City, Iowa 52242. An Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL RESEARCH ASSOCIATE—BIOMEDICAL ENGINEERING. One-year position beginning immediately. Research in the engineering aspects of cardiac assist devices. Previous training in experimental procedures in dogs is necessary. The candidate must also have computer training and experience. Send a curriculum vitae and two letters of reference to **Biomedical Engineering, University of Rhode Island, Kingston, R.I. 02881. Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL RESEARCH ASSOCIATES IN CANCER BIOLOGY. Positions are available for recent graduates (Ph.D.) interested in tumor immunobiology, cell kinetics, and control processes governing hematopoietic stem cell differentiation and proliferation, macrophage function, and biochemical actions of anticancer agents. Reply to: **Dr. Fred Valeriote, Section of Cancer Biology, Department of Radiology, Washington University School of Medicine, St. Louis, Missouri 63110.**

POSTGRADUATE RESEARCH BIOLOGIST

Applications are invited for a protein crystallographer with a good knowledge of protein chemistry. The position is for 1 year beginning 1 August 1976 and will be renewable from year to year depending on the granting situation. Send résumé and three letters of recommendation to **Dr. Xuong Nguyen-huu, B-019, University of California, San Diego, La Jolla, California 92093.**

The University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

One 2-year position available July to August 1976 for a **POSTGRADUATE RESEARCH PARASITOLOGIST** in the University of California International Center for Medical Research program in Malaysia, to do research on either host-parasite relationship using trematodes and molluscan hosts, or on filarial infections. Applicants must have Ph.D. degree with proven research accomplishment; U.S. citizen or U.S. immigrant only. Send applications, including curriculum vitae and three letters of reference, to: **Dr. K. J. Lie, Associate Program Director, University of California International Center for Medical Research, Hooper Foundation, 1699 HSW, San Francisco, California 94143.**

An Equal Opportunity/Affirmative Action Employer

KANSAS GEOLOGICAL SURVEY REMOTE-SENSING SPECIALIST

The Kansas Geological Survey, a division of the University of Kansas, invites applications for the permanent research associate position of remote-sensing specialist in a program representing an integrated approach to resource research, development, and management in an academic environment.

Research involves application of remote sensing to geological problems, especially with reference to groundwater hydrology and environmental geology. Opportunity for applications in other research areas of mutual interest. A minimum academic degree of M.S. (Ph.D. preferred) is required in geology, or a closely allied field with strong emphasis in geology, and specialization in remote sensing. Salary range is from \$13,500 to \$20,000, depending upon academic preparation and experience. Deadline for applications is 31 July 1976. *We are an Equal Opportunity Employer. Qualified men and women of all races are encouraged to apply.* Applicants should submit résumé to:

**Frank W. Wilson, Chief
Environmental Geology Section
Kansas Geological Survey
1930 Avenue "A," Campus West
The University of Kansas
Lawrence, Kansas 66044**

SEROLOGIST

The Australian Commonwealth Serum Laboratories require a qualified and experienced blood group serologist/immunohematologist to take charge of the World Health Organization National Blood Group Reference Laboratory.

The Commonwealth Serum Laboratories is a semigovernment statutory authority which operates under the control of an independent Commission. Its function is to undertake research into and to produce biological products. It is located in the city of Melbourne and comprises well-equipped laboratories and a comprehensive technical library. Its total staff exceeds 1000 and approximately 120 graduates are employed.

The current work of the Blood Group Reference Laboratory involves blood group genetic studies, the investigation of difficult blood group and cross-matching problems and research related to the antigenic characteristics of blood constituents destined for diagnostic or therapeutic use. Original work in these and related areas will be encouraged.

Conditions are excellent and include liberal leave provisions and superannuation. Salary will be dependent upon the qualifications and experience of the successful applicant. The cost of travel to Australia for the appointee and his/her family will be paid by Commonwealth Serum Laboratories.

Applications or inquiries should be directed by airmail to:

**Personnel Manager
Commonwealth Serum Laboratories
45 Poplar Road
Parkville, Victoria, 3052
Australia**

THE UNIVERSITY OF MANCHESTER TEMPORARY LECTURESHIP IN METAMORPHISM

Applications are invited for the above post, tenable for 1 year from 1 October 1976, in the Department of Geology. There is a possibility that this may become a permanent post. In addition to teaching metamorphism and carrying out research in this topic, the successful applicant will be expected to make a contribution to the general teaching in the Department. Salary: £3174 to £3786 per annum. Superannuation. Particulars and application forms (returnable by 6 August) obtainable from the

**Registrar
The University
Manchester, M13 9PL
England**

Quote ref. 114/76/S.

THE UNIVERSITY OF PAPUA NEW GUINEA (PORT MORESBY)

Applications are invited for the post of

ASSOCIATE PROFESSOR / SENIOR LECTURER / LECTURER IN MICROBIOLOGY. Applicants should be microbiologists with wide teaching and research experience, and preferably with previous tropical experience. Duties include teaching of microbiology to third and fourth year medical students, participation in the service work of the laboratories of the Port Moresby General Hospital, and the development of research programmes. The appointee will work under the general direction of the Professor of Pathology in the joint facilities of the Medical Faculty and the Port Moresby General Hospital. Appointees to the Medical Faculty at the level of Lecturer and above are given appropriate honorary appointments as specialists in the hospital. The total establishment is 6 academic posts in the department of pathology, 5 specialist posts in the hospital service, and 4 registrarships. **SALARIES:** ASSOCIATE PROFESSOR: K16906 p.a. SENIOR LECTURER: K13764-K15421 p.a.; LECTURER: K9,854-K13,528 p.a. (£1 sterling = K142). In addition, an allowance of K1,300 per annum if single is payable. An extra K1,000 Marriage Allowance and K156 per child Child Allowance may also be payable. A further K2,000 per annum clinical allowance may also be payable for the medical position. Applications should include detailed curriculum vitae and the names and addresses of three referees. Conditions include provision of housing, annual leave fares, study leave and FSSU superannuation. In some cases it may be possible to make an appointment on secondment. Further details and the conditions of appointment are available from the Secretary, Box 4820, University P.O., Papua New Guinea, with whom applications close on 30th July 1976.

Applicants resident in UK should also send 1 copy to Inter-University Council, 90/91 Tottenham Court Road, London W1P 0DT. Further particulars are obtainable from either address.

CHIEF, CONSERVATION DIVISION, U. S. GEOLOGICAL SURVEY RESTON, VIRGINIA GS-17, \$37,800

Plans, organizes, and directs program elements nationwide which classify Federal lands as to value for leasable minerals or for reservoir and waterpower sites; supervise operations of private industry on geothermal, oil-shale, mining, and oil-and-gas leases on public domain, acquired, Indian, Outer Continental Shelf, and designated Naval Petroleum Reserve Lands to assure maximum utilization and to prevent waste of mineral resources, to limit environmental damage and pollution, and to protect public health and safety; assure the public a fair market return for the disposition of mineral resources; maintain production accounts and collect royalties; prepare and publish maps and reports of mineral and water resources investigations on Federal lands; and provide geologic and engineering advice to other agencies on evaluations and inspection services for the management and disposition of public lands and mineral resources. Advanced education and experience in earth science (geology, geophysics, geohydrology), mining or petroleum engineering are required, together with extensive experience in the direction and administration of multifaceted programs involving regulatory, operating and research functions.

Interested candidates should submit Personal Qualifications Statement, SF-171, or detailed resume including publications, honors and awards, and references by August 15, 1976 to:

**Personnel Officer
U. S. Geological Survey
12201 Sunrise Valley Drive (MS-215)
Reston, Virginia 22092**

This position is in the Federal Career Service with all Civil Service benefits.

Equal Opportunity Employer

PHARMACOLOGISTS

Capital expansion of our Wilmington Biomedical Research Laboratories has made possible significantly increased effort in our Gastrointestinal Program.

We seek a senior level (Ph.D.) scientist and three or four scientists at the MS/BS level. Experience may be industrial or academic, but should demonstrate superior work in Gastrointestinal, Cardiovascular, or Autonomic pharmacology. A strong background in chemistry would be advantageous in competition for these positions.

ICI United States Inc., is a major subsidiary of Imperial Chemical Industries Ltd., one of the largest chemical/pharmaceutical manufacturers in the world. Our Biomedical Research group will play an important role in the development of ICI drug programs originating here and in England. Growth opportunities will be unique. Salaries and benefits compare favorably in the American pharmaceutical industry. Location is our campus-like setting in suburban Wilmington, 25 miles south of Philadelphia.

Interested candidates should submit curriculum vitae in confidence to:

**Charles T. Brodigan
Employee Relations**



ICI United States Inc.

Wilmington, Delaware 19897

An Equal Opportunity Employer M/F

ANTICIPATING NEEDS

POSITIONS OPEN

RESEARCH ASSOCIATE position available October 1976 for Ph.D. to work on physiological and biochemical mechanisms in the mammalian cornea and crystalline lens. Salary \$10,000 to \$12,000. Send résumé and names of two references to **Dr. C. A. Paterson, Box C-303, University of Colorado Medical School, Denver, Colorado 80220. The University of Colorado is an Equal Opportunity Employer.**

RESEARCH AND DEVELOPMENT: BIO-CHEMIST with experience in radioisotope labeling. Ability to work independently. Please send curriculum vitae to **Ella Geddes, Employment Manager, Princeton Laboratory Products Company (Division of Carter Wallace Inc.), Box 512, Princeton, N.J. 08540.**

SCANNING ELECTRON MICROSCOPY

The College of Biological Sciences, The Ohio State University, invites qualified applicants to apply for the following position:

Scanning electron microscope technician. Candidate should hold an M.S. degree or equivalent in electrical engineering or electronics or in some area of the biological science. Familiarity with scanning electron microscopy desirable. Appointment will be full-time, beginning 1 September 1976. Salary range: \$13,080 to \$15,000. Candidates should submit a complete curriculum vitae including at least three letters of recommendation to: **Dr. Thomas N. Taylor, Chairman, Department of Botany, The Ohio State University, 1735 Neil Avenue, Columbus, Ohio 43210. Deadline for receipt of all materials is 15 August 1976.**

An Equal Opportunity/Affirmative Action Employer

SOLAR RESEARCH DIRECTOR—Program of R & D of solar heating and cooling components in new facility, Boulder City, Nevada. Ph.D. or equivalent experience in engineering physics, mechanical or electrical engineering. Training in optics of solar spectrum. Extensive experience in thermodynamics especially as applied to refrigeration. Some management experience and entrepreneurial experience in promoting contracts from government agencies and industry. Able to apply scientific information in innovative ways to develop usable solar energy equipment. Minimum starting salary \$30,000. Application deadline 1 September 1976. Résumé to **President Lloyd P. Smith, Desert Research Institute, University of Nevada System, Reno, Nevada 89507. An Equal Opportunity/Affirmative Action Employer.**

STEROID CHEMIST (RESEARCH CHEMIST, GS-11): Position in our Research Service, in a large general medical and surgical hospital. Organic chemist with 1 to 2 years of experience, prefer strong background in organic synthesis of steroids (Ph.D.) and mass spectroscopy. Salary \$16,255 per annum. Full civil service benefits: annual leave, sick leave, life and health insurance. Apply **Personnel Service (05D2), Veterans Administration Hospital, 1201 Broad Rock Road, Richmond, Virginia 23249, or telephone 804-231-9011, extension 223. An Equal Opportunity Employer.**

The Department of Pediatrics of the University of California, San Diego, is seeking an extremely experienced **TISSUE CULTURE TECHNICIAN** who has experience in the following: (i) primary culture of both rodent and human cells, (ii) amniotic fluid cell culture for prenatal diagnosis, (iii) somatic cell hybridization, (iv) viral transformation of diploid fibroblasts, (v) testing of various drugs for toxicity and other effects on cultured cells, and (vi) karyology of cultured cells. This individual must be able to work both independently and as part of a team, and will be expected to teach tissue culture to undergraduates, medical students, and postdoctoral scholars.

The University of California is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

Inquiries should be directed to **Dr. Jerry A. Schneider, Department of Pediatrics, M-009, University of California, San Diego School of Medicine, La Jolla, California 92093.**

POSITIONS OPEN

EXPERIMENTAL ANIMAL VETERINARIAN

Applications are invited from individuals with training and experience in the operations of an institutional laboratory animal facility. Qualifications should include a veterinary degree, demonstrated experience in the maintenance, breeding, and diseases of laboratory animals, and an understanding of research methods used in immunology and pathology. Some knowledge of tropical diseases of livestock is desired. Initial appointment for 2 years, renewable. Salary negotiable. Generous retirement and other benefits. Send curriculum vitae to:

**The Director
International Laboratory for Research
on Animal Diseases (ILRAD)
P.O. Box 30709
Nairobi, Kenya**

RESEARCH ASSOCIATE: Position available 15 September 1976 to study sarcoplasmic reticulum function in skeletal muscle. Ph.D. with research experience in this or related area required. Salary \$10,000 to \$12,000. Please send curriculum vitae and names of two references to **Dr. Margaret C. Neville, Department of Physiology, University of Colorado Medical Center, Denver, Colorado 80220. Deadline is 15 August 1976. An Equal Opportunity Employer.**

TROPICAL BIOLOGIST

The Smithsonian Tropical Research Institute (STRI) invites applications for an expected position in early 1977. STRI is an organization devoted to basic research in the ecology, evolution, and behavior of tropical organisms. We are seeking a candidate who will interact with our staff, graduate students, and visiting scientists. Special preference will be given to a freshwater biologist. Unique opportunities for research now exist in the man-made lakes of Panama: Gatun, Bayano, and the proposed Fortuna project in Chirique Province. Salary range is from \$15,600 to \$37,800. Please send curriculum vitae, names and addresses of references we may contact, reprints of publications, and a brief statement of future research interests to **Director, Smithsonian Tropical Research Institute, Box 2072, Balboa, Canal Zone. STRI is an Equal Opportunity Employer.**

VIROLOGIST

**Immunobiology Research Center
University of Wisconsin, Madison**

Applications are invited for a new faculty position available immediately.

Molecular virologist with at least 3 years of postdoctoral experience with DNA and RNA tumor viruses, molecular hybridization, animal virus genetics, and animal tumor systems.

Send curriculum vitae and three letters of recommendation to the **Personnel Director, Immunobiology Research Center, 1150 University Avenue, Madison, Wisconsin 53706.**

The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer.

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP—NIH postdoctoral fellowship (to \$13,200) immediately available for biochemist to study collagen biosynthesis (lysyl hydroxylase, lysyl oxidase) in human connective tissue disease. U.S. citizen or permanent resident. Send curriculum vitae to **Sheldon R. Pinnell, M.D., Department of Medicine, Box 3135, Duke University Medical Center, Durham, N.C. 27710. Equal Opportunity Employer.**

POSTDOCTORAL FELLOWS

Fellowships available for: (i) **physiological chemist** to study liver and fat cell membrane properties, composition, and hormone binding; (ii) **membrane biochemist** to study physical and rapid-kinetic properties of purified Na,K-ATPase; (iii) **biochemical pharmacologist** to study molecular mechanisms involved in renal secretion of organic acids and bases; (iv) **neuropharmacologist** to study neurotransmitters; (v) **pharmacologist** to study actions of alcohol; and (vi) **renal pharmacologist**. Starting dates: present through 1 January 1977. Appointments for 1 year, renewable. Send curriculum vitae plus names of references, specifying area of interest, before 15 September 1976 to: **Chairman, Department of Pharmacology, State University of New York, Upstate Medical Center, Syracuse, N.Y. 13210.**

Equal Opportunity/Affirmative Action Employer

TRAINING PROGRAM

A new **GRADUATE PROGRAM** in electron microscopy will be offered this fall at Hofstra University. It will provide a 2-year training experience in postgraduate biology and electron microscopy. Courses will include electron microscopy for the biologist, electron microscopic analysis, servicing the electron microscope, scanning electron microscopy, and advanced techniques and theory. A limited number of teaching assistantships are available as are University fellowships, internships, and research assistantships. Additional information may be obtained from **Dr. Gary W. Grimes, Director of the Program in Electron Microscopy, Biology Department, Hofstra University, Hempstead, N.Y. 11550. Telephone: 516-560-3261.**

CONFERENCE

STANFORD CONFERENCE ON MOLECULAR STRUCTURAL METHODS IN BIOLOGICAL RESEARCH

The Stanford Magnetic Resonance Laboratory announces the second annual Stanford Conference on Molecular Structural Methods in Biological Research, 3 to 6 October 1976 at Stanford University. The conference will be devoted to recent advances in the solution of biological structural problems by spectroscopic and crystallographic techniques, with a special emphasis on problems of protein and membrane structure and function. A partial list of speakers includes: Y. Arata (Tokyo), R. L. Baldwin (Stanford), E. Blout (Harvard), M. Bloom (British Columbia), F. W. Dahlquist (Oregon), W. Hubbell (Berkeley), O. Jardetzky (Stanford), M. P. Klein (Berkeley), J. Markley (Purdue), H. M. McConnell (Stanford), D. Patel (Bell Labs), M. Rafferty (Cal Tech), A. Redfield (Brandeis), E. Reich (Rockefeller), R. G. Shulman (Bell Labs), and J. S. Waugh (MIT). The conference is sponsored by the Biotechnology Resources Branch of the National Institutes of Health. Participation is limited to 120. For further information and registration forms, write to: **Alice Walker, Stanford Magnetic Resonance Laboratory, Stanford University, Stanford, Calif. 94305. Telephone: 415-497-6270.**

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Whatever it is, we know they like them. Because they tell us so. And they keep coming back for more.

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So chances are, we've already built the kind of special instrument you want. And if we haven't, you know we can do it.

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first in the business, but biggest in the business too.)

You can also expect quick installation. Expert training. And excellent follow-up service.

Quite simply, what it all boils down to is this: If you want the best VUV instruments, you should come to the best manufacturer. And that, with all due modesty, is us.

If you'd like more information on our long line of standard VUV instruments, or if you're looking for something special, just call us or write us. Either way, you'll get special treatment. Because at GCA/McPherson, that's standard.

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