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Reflections on Biochemistry. In Honour of Severo Ochoa. Papers from a symposium, Barcelona and Madrid, Sept. 1975. A. Kornberg, B. L. Horecker, L. Cornudella, and J. Oro, Eds. Pergamon, New York, 1976. x, 466 pp., illus. Cloth, \$25; paper, \$9.50.

Selected Papers from the 26th International Astronautical Congress. Lisbon, Sept. 1975. Luigi G. Napolitano, Ed. Pergamon, New York, 1976. viii + pp. 317-470, illus. \$30. *Acta Astronautica*, vol. 3, Nos. 5-6.

Societal Systems. Planning, Policy and Complexity. John N. Warfield, Wiley-Interscience, New York, 1976. xxx, 490 pp., illus. \$29.95. Wiley Series on Systems Engineering and Analysis. *To order this book circle No. 383 on Readers' Service Card*

Statistical Indicators of Scientific and Technical Communication, 1960-1980. Vol. 1, A Summary Report for: National Science Foundation Division of Science Information. Prepared by D. W. King, D. D. McDonald, N. K. Roderer, and B. L. Wood. King Research, Inc., Center for Quantitative Sciences, Rockville, Md., 1976 (available from the Superintendent of Documents, Washington, D.C.). viii, 100 pp., illus. Paper, \$2.05. Stock No. 038-000-00295-3.

Stormwater Modeling. Donald E. Overton and Michael E. Meadows. Academic Press, New York, 1976. xii, 358 pp., illus. \$22.50.

Structural Ceramics. A. G. Evans and T. G. Langdon. Pergamon, New York, 1976. pp.

171-442, illus. Paper, \$30. *Progress in Materials Science*, vol. 21, No. 3/4.

Technical Calculus. Dale Ewen and Michael A. Topper. Prentice-Hall, Englewood Cliffs, N.J., 1977. x, 374 pp., illus. \$12.95. Prentice-Hall Series in Technical Mathematics.

Textbook of Immunopathology. Peter A. Miescher and Hans J. Müller-Eberhard, Eds. Grune and Stratton, New York, ed. 2, 1976. Two volumes, illus. Vol. 1. viii + pp. 1-554 + index. Vol. 2. viii + pp. 555-1118 + index. Each volume, \$49.50.

Thermal Analysis. W. W. Wendlandt and L. W. Collins, Eds. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xiv, 338 pp., illus. \$34. Benchmark Papers in Analytical Chemistry, vol. 2. *To order this book circle No. 384 on Readers' Service Card*

Three-Dimensional Imaging Techniques. Takanori Okoshi. Academic Press, New York, 1976. xii, 404 pp., illus. \$15.

Trends in Mental Health Evaluation. Elizabeth Warren Markson and David Franklyn Allen. Lexington (Heath), Lexington, Mass., 1976. xviii, 156 pp. \$14.50.

The Unkindest Cut. Life in the Backrooms of Medicine. Marcia Millman. Morrow, New York, 1977. 252 pp. \$8.95.

The Urban Costs of Climate Modification. Terry A. Ferrar, Ed. Wiley-Interscience, New York, 1976. xviii, 284 pp., illus. \$18.95. Environmental Science and Technology. *To order this book circle No. 385 on Readers' Service Card*

The Use and Abuse of Biology. An Anthropological Critique of Sociobiology. Marshall Sahlin. University of Michigan Press, Ann Arbor,

1976. xvi, 120 pp. Cloth, \$8; paper, \$3.95.

Vibration. Beams, Plates, and Shells. Arturs Kalnins and Clive L. Dym, Eds. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1976 (distributor, Halsted [Wiley], New York). xvi, 414 pp., illus. \$32. Benchmark Papers in Acoustics, vol. 8. *To order this book circle No. 386 on Readers' Service Card*

Viral Infections of Humans. Epidemiology and Control. Alfred S. Evans, Ed. Plenum, New York, 1976. xxxii, 584 pp., illus. \$39.50.

Volcanoes and Impact Craters on the Moon and Mars. Piero Leonardi with the collaboration of Alfred Rittmann and Elio Somavilla. Translated from the Italian edition (1971). Elsevier, New York, 1976. 464 pp., illus. + loose map. \$59.75.

The Whisper and the Vision. The Voyages of the Astronomers. Donald Fernie. Clarke, Irwin, Toronto, 1976 (U.S. distributor, Books Canada, Buffalo, N.Y.). viii, 190 pp., illus. \$12.01.

Women of Value, Men of Renown. New Perspectives in Trobriand Exchange. Annette B. Weiner. University of Texas Press, Austin, 1976. xxii, 300 pp., illus. \$14.95.

World Review of Nutrition and Dietetics. Vol. 25. Geoffrey H. Bourne, Ed. Karger, Basel, 1976. x, 296 pp., illus. \$71.50.

Zoo Book. National Zoological Park. Photographs by Jan E. Skrentny. Smithsonian Institution, Washington, D.C., 1976. 80 pp. Cloth, \$6.95; paper, \$2.50.

Zooplankton Fixation and Preservation. H. F. Steedman, Ed. Unesco Press, Paris, 1976 (U.S. distributor, Unipub, New York). 350 pp., illus. Paper, \$16.50. Monographs on Oceanographic Methodology 4.

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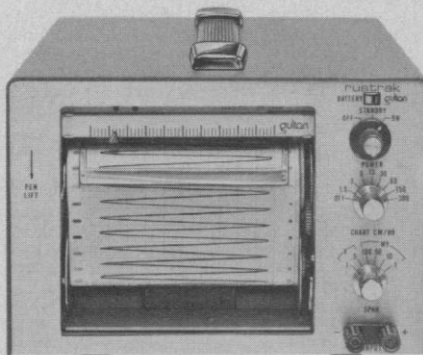
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Microbiologist. M.S. (2); 14 years of experience university teaching in microbiology and biochemistry; laboratory managerial and scientific writing experience; 2 years of industrial research. Available immediately. D.C. area preferred. Box 172, SCIENCE. X

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Protein Chemist. Ph.D. Experience in protein purification, characterization, and sequencing. Manual and automatic, liquid and solid phase. Publications. Seeks responsible senior research position. Box 175, SCIENCE. X

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ANIMAL PHYSIOLOGIST

A position for an assistant professor is open beginning 15 August 1977, in the life science faculty at the University of Texas of the Permian Basin. This is primarily a teaching position; duties include human anatomy and physiology, animal physiology, and functional anatomy. Interest in physiological ecology or physiology of exercise strongly desired.

The University of Texas of the Permian Basin is an upper-level institution. The life science faculty offers both B.S. and M.S. degrees. Send curriculum vitae, or for further information write to:

Charles W. McLarnan, Dean
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The University of Texas of the Permian Basin
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APPLIED PHYSIOLOGIST, with doctorate and specialization in cardiovascular and/or respiratory physiology. Assistant or associate professor level, beginning 1 September 1977. Duties include coordination of undergraduate applied physiology program, participation in department teaching programs, development of courses in areas of specialty, and development of research program attractive to graduate students. Commitments to quality education and research essential. Submit letter indicating qualifying experiences and motivation for application, curriculum vitae, and three letters of recommendation by 30 April to: Dr. Carl W. Saubert, IV, Department of Health Sciences, Boston University, 36 Cummington Street, Boston, Mass. 02215. An Equal Opportunity/Affirmative Action Employer

Tenure-accruing position, **ASSISTANT PROFESSOR, for experimental psychologist** with background and experience in contemporary psychoacoustic research and theory. Will participate in ongoing academic and research programs in audition based in Psychology Department and in research Institute at the University of Florida. We are an Affirmative Action/Equal Opportunity Employer and welcome applications from women and minority group members. Send complete curriculum vitae and letter of application to: Professor Donald C. Teas, Department of Psychology, University of Florida, Gainesville, Fla. 32611.

ASSISTANT PROFESSOR-BIOCHEMISTRY. Tenure-track position available September 1977. Postdoctoral experience required. Strong chemical and physical background preferred. The new faculty member will be expected to develop a vigorous independent research program on problems of eukaryotic organisms or origin and to participate in the teaching programs for health sciences professions and graduate students. Applicants should submit résumé, statement of research interests, and three letters of reference, prior to 23 April 1977. Department of Biochemistry, Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia 23298. Equal Opportunity/Affirmative Action Employer.

Send materials to: Dr. M. Martinez-Carrion, Department of Chemistry, University of Notre Dame, Notre Dame, Indiana 46556.

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ASSISTANT PROFESSOR. The Division of Pediatric Immunology and Allergy Department of Pediatrics, University of California, San Diego, has one/two openings for faculty with a special interest in clinical immunology, allergy, or rheumatology. The positions will be at the level of assistant professor. Salary in the university is determined by the level of academic rank. Administrative, research, and teaching skills should be commensurate with appointment level. Applicants should be certified by the American Board of Pediatrics and must be boarded or board eligible in immunology and allergy and licensed to practice medicine in California.

The University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply. Inquiries before 15 May 1977 should be directed to: Dr. Robert N. Hamburger, Professor of Pediatrics, University of California, San Diego, La Jolla, California 92093.

ASSISTANT PROFESSOR OF AGRONOMY AND ASSISTANT AGRONOMIST

The Department of Agronomy and Soils seeks a Ph.D. to teach undergraduate courses and conduct research in forage crop production and management. Salary is open. Applicants should submit résumé, statement of research interests, academic transcripts, and names of three references to: Dr. J. C. Engibous, Chairman, Department of Agronomy and Soils, Washington State University, Pullman, Wash. 99164. Closing date: 15 June 1977. Washington State University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR OF MEDICINE, endocrinology, at fast-growing medical school. Requirements: M.D. and board eligibility in medicine and endocrinology or equivalents. Applicants should have demonstrated aptitudes for independent research and for teaching all aspects of clinical endocrinology and metabolism. Stimulating environment for endocrine research; excellent laboratory facilities. Write, sending curriculum vitae to: Dr. Victor Lavis, Department of Medicine, University of Texas Medical School, Houston, Texas 77025. We are an Equal Opportunity/Affirmative Action Employer.

School of Medicine, University of California, San Diego, Department of Psychiatry. Assistant Research **PSYCHOBIOLOGIST** position available for a candidate with outstanding capacities in (i) organic chemistry, (ii) multifactorial kinetics involving computer models, (iii) enzymology, (iv) neuropharmacology, and (v) neurochemistry. The area of research involves the regulation of reduced pterins in the brain and the influence on these processes of psychotropic drugs. Candidate must have experience in the brain catecholamine field and demonstrated capacity to work well within a multidisciplinary group. Candidate must have doctorate in a physical science. Salary: open. The University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply. Send curriculum vitae by 15 May 1977 to:

Search Committee, Position # 10
Department of Psychiatry
M-003
University of California, San Diego
La Jolla, California 92093

POSITIONS OPEN

ASSISTANT OR ASSOCIATE PROFESSOR OR PROFESSOR OF PHYSIOLOGY (Ph.D. and/or M.D.). Teaching and research abilities are the primary considerations. Area: neurophysiology. Teaching responsibilities include medical, nursing, and graduate students. Must be willing and able to effectively teach areas other than in primary research interest. Postdoctoral experience preferred. Minimum salaries: assistant professor—\$18,000; associate professor—\$23,500; professor—\$28,500. Effective date—1 July 1977. Send curriculum vitae and three references to: **Carleton H. Baker, Ph.D., Professor and Chairman, Department of Physiology, Box 8, College of Medicine, University of South Florida, Tampa, Florida 33612.** *The University of South Florida is an Affirmative Action/Equal Opportunity Employer.*

ASSISTANT PROFESSOR Social Work/Maternal and Child Health

Teach the social work and social policy aspect of maternal and child health, and participate in an ongoing evaluation research project in social and community aspects of child health services. An M.S.W. and doctorate degree in related field required. Send résumé and names and addresses of references to: **Robert J. Haggerty, M.D., Harvard School of Public Health, Room 300, 677 Huntington Avenue, Boston, Mass. 02115.** *Minorities, women, and handicapped are encouraged to apply.*

ASSISTANT PROGRAM MANAGER Sea Grant College Program Institute of Marine Resources University of California

The University of California Sea Grant College is a statewide, interdisciplinary, research, education, and public service program. **RESPONSIBILITIES:** assist program manager with program planning, institutional proposal development, operations, and liaison with California governmental agencies with ocean-related responsibilities; conduct independent research. **QUALIFICATIONS:** Ph.D. or equivalent is required, and the freedom to travel extensively is expected. A strong educational background and experience in environmental or resource planning, and familiarity with California's coastal and marine resource institutional structure are highly desirable. Knowledge of the Sea Grant Program would be beneficial. **APPOINTMENT:** joint academic administrator (75 percent) and professional research (25 percent) series at the Scripps Institution of Oceanography, University of California, San Diego, La Jolla, Calif. **CLOSING DATE:** 13 May 1977. Send curriculum vitae, selected publications, and names and addresses of three persons we can write to for professional references to: **Chair, Search Committee, Sea Grant College Program, A-032, 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.*

ASSISTANT SOIL SCIENTIST/HORTICULTURIST. Tree Fruit Research Center, Wenatchee, Washington. Eleven-month appointment, 100 percent research, available 1 July 1977. Responsibility will be to work with incumbent before his retirement on tree fruit research program. Upon retirement of the incumbent, the new person will be expected to initiate a soil and orchard management research program. Minimum qualifications are a Ph.D. in soil science or horticulture or a closely related field with background in soil chemistry, soil fertility, microbiology, or tree fruit nutrition. Send application, complete résumé, academic transcripts, work experience, and three letters of reference by 1 June to: **Dr. R. Paul Larsen, Superintendent, Tree Fruit Research Center, 1100 North Western Avenue, Wenatchee, Wash. 98801. Telephone 509-663-8181.** *Washington State University is an Equal Opportunity/Affirmative Action Employer.*

Belmont Abbey College **BIOLOGY DEPARTMENT** invites applications for an undergraduate teaching position to begin 15 August 1977. Applicant must be broadly trained and have a firm commitment to undergraduate teaching; small liberal arts college. Specialties in field biology, ecology, and general zoology. Send résumé, names of three references, and list of graduate courses by 6 May to **Dr. Jeanne Stuart, Department of Biology, Belmont Abbey College, Belmont, N.C. 28012.** *An Affirmative Action/Equal Opportunity Employer.*

POSITIONS OPEN

ASSOCIATE PROFESSOR IN PSYCHOLOGY Massachusetts Institute of Technology (MIT) Department of Psychology 79 Amherst Street, Cambridge, Mass. 02139

The activities of the MIT Department of Psychology may be divided into three areas: brain and behavior, experimental psychology, and cognitive psychology. We are currently seeking an individual to guide theoretical rather than experimental studies in these areas. Specifically we seek someone with a strong mathematics background who can devise computational algorithms applicable to understanding information processing by the mammalian brain. Because a large portion of the research effort of our department is devoted to the visual system, knowledge of vision and experience with visual graphics is desirable.

Résumés and other relevant information should be sent by 1 June 1977 to **Professor Whitman Richards, Chairman of Search Committee, Massachusetts Institute of Technology, 79 Amherst Street, Cambridge, Massachusetts 02129.**

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ASTROPHYSICS POSITION AT NEW YORK UNIVERSITY

The Physics Department of New York University, in fall 1977, expects to have a faculty position for an astrophysicist. Although the position would normally be at the assistant professor level, it is conceivable that a more senior appointment could be made for a highly qualified individual. While there is a preference for a theoretical astrophysicist, observers with suitable programs should apply. Candidates must be able to conduct research of significance and to contribute strongly in the department's undergraduate teaching program. Applications should be submitted to **Professor E. L. Schucking, Chairman of the Search Committee, 4 Washington Place, New York, N.Y. 10003.** *New York University is an Equal Opportunity/Affirmative Action Employer.*

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**Chairman, Leslie Search Committee
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UCLA School of Medicine
Los Angeles, California 90024**

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POSITIONS OPEN

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The College of Medicine and Dentistry of New Jersey—New Jersey School of Osteopathic Medicine is recruiting for the following positions: chairpersons and faculty members in the basic sciences; course director and chairperson for a Department of Principles and Practices of Osteopathic Medicine, and clinical faculty positions.

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New Jersey School of Osteopathic Medicine
Box 55, University Heights
Piscataway, New Jersey 08854**

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POSITIONS OPEN

CHAIRPERSON, available 1 July 1977. The Plant Science Faculty of the University of Delaware seeks an individual with active research and teaching capabilities to chair its department. Administrative experience on his/her part is desirable and applicants should have knowledge of the research and service philosophies of Land Grant institutions. Appointment is to be at the rank of professor; salary is to be consistent with collective bargaining arrangements with an additional administrative stipend. Interested persons should remit curriculum vitae to: **Professor E. P. Catts, Search Committee Chairperson, College of Agricultural Sciences, University of Delaware, Newark, Del. 19711** by 1 May 1977.

The University of Delaware is an Equal Opportunity Employer; all qualified persons are encouraged to apply for this position.

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The Sidney Farber Cancer Institute, a comprehensive cancer center specializing in research and patient care, seeks M.D. or Ph.D. (M.S. considered) with an interest in cell kinetics. The successful candidate will direct the Institute's cytokinetic program, with emphasis on the application of cytokinetic techniques to clinical investigative activities. The Institute is a Harvard-affiliated teaching hospital and the cell kinetics chief will have an academic appointment to the Harvard Medical School. Please submit curriculum vitae to: **Chairman, Cell Kinetics Committee, Sidney Farber Cancer Institute, 44 Binney Street, Boston, Mass. 02115.** An Equal Opportunity Employer.

UNIVERSITY OF CALIFORNIA, IRVINE

The University of California, Irvine, Department of Psychiatry and Human Behavior, invites applicants for a full time position as **CHIEF, PSYCHIATRIC SERVICE**, Long Beach, V.A. Hospital, with university faculty appointment at professor level. The LBVAH program is a fully integrated component of the UCI medical student and residency training programs in psychiatry. M.D. degree, 3 years of accredited psychiatric residency. California licensure and evidence of senior levels of academic performance required. *Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.* Send curriculum vitae and names of three references to **Dr. E. Mansell Pattison, University of California, Irvine, Calif. 92717.**

The Department of Preventive Medicine of the University of Iowa seeks a professional person to **DIRECT AND MANAGE** the Iowa-based tumor registry of the National Cancer Institute SEER Program. Minimum qualifications: bachelor's degree, considerable health-related computer and managerial experience. Reasonable knowledge of cancer, coding, and knowledge of epidemiology highly desirable. Knowledge of biostatistical computing advantageous. Salary: \$15,590 to \$25,300, dependent on experience and qualifications. Send résumés to **Nancy Wombacher, Department of Preventive Medicine, University of Iowa, Iowa City, Iowa 52242.** Include references. *The University of Iowa is an Affirmative Action/Equal Opportunity Employer.*

DIRECTOR MATERIAL SCIENCES CENTER

The Corporate Technology Organization of Honeywell Inc. is seeking a managing director for its Material Sciences Center. This position will be accountable for the scientific leadership of 100 plus professional research personnel functioning in the areas of physical and material sciences, electro-optics, and sensor technology. An important aspect of this position will be the management of the ongoing interface with our operating divisions in order to ensure the effective transfer of technology between the Center and divisions. Candidates should possess a Ph.D. in physics or applied physics, or its equivalent in training and experience, and should have contributed substantially to research, as evidenced in the scientific literature. Required experience includes a minimum of 10 years of increasing responsibilities in a combination of academic, industrial, or government positions as well as proven management/leadership experience within a research environment. Submit letters of application with résumé before 1 May 1977 to:

**Myron Amundson
Employee Relations Manager
Honeywell Plaza
Minneapolis, Minnesota 55408**

An Affirmative Action/Equal Opportunity Employer

POSITIONS OPEN

CLINICAL IMMUNOLOGY

The Departments of Immunology and Medicine at Wayne State University are seeking applicants with a Ph.D. degree for a position in a clinical immunology research laboratory. The laboratory is situated at a base teaching hospital of the university in the Detroit Medical Center and is directed by clinical immunologists. The applicant would join ongoing research programs and would be encouraged to initiate research protocols on his/her own. Applicants who already have postdoctoral experience in immunology will be considered first. A curriculum vitae and the names of three references should be forwarded to **Dr. P. Frost, Departments of Immunology and Medicine, Wayne State University School of Medicine, 540 East Canfield Avenue, Detroit, Michigan 48201.** *The university is an Affirmative Action/Equal Opportunity Employer.*

DEAN OF SEA SEMESTER

A liberal arts program in its 6th year which combines the marine and nautical sciences and the humanities. Six classes each year experience classroom work ashore and laboratory work at sea on an oceanographic vessel. Candidates should have doctorate (sciences preferred), administrative experience, and dedication to undergraduate education. Position involves leadership of students, curriculum, diverse faculty, some teaching, and participation in institutional development. Adjunct appointment to faculties of Boston University and other affiliates. Salary negotiable. Résumé to:

**Sea Education Association
P.O. Box 6
Woods Hole, Mass. 02543
Telephone: 617-540-3954**

DIRECTOR FOR RESEARCH ADMINISTRATION

Comprehensive Cancer Center affiliated with Harvard Medical School seeks applicant with doctorate in preclinical biological or clinical sciences. Distinguished research record and broad administrative experience with grant-supported clinical and biomedical research programs highly desirable. Ability to write and edit research grant applications and to construct operating budgets essential. Applicant must have thorough knowledge of NIH policies and grant mechanisms, experience with preparation and processing of applications for research grants and contracts, scientific stature, and ability to relate to large clinical and preclinical staff and to represent the Center in dealing with NCI and other granting agencies, Harvard Medical School and its other affiliated institutions, Association of American Cancer Institutes, American Cancer Society, and other scientific organizations concerned with cancer research.

Salary and academic rank dependent upon scientific background and relevant administrative experience. Reply to: **Dr. Edward J. Modest, Chairman, Search Committee, Sidney Farber Cancer Institute, 44 Binney Street, Boston, Massachusetts 02115.**

The Institute is an Equal Opportunity Employer, and women and minority group members are encouraged to reply.

ELECTRON MICROSCOPIST/TECHNICIAN to help supervise and maintain a 2 transmission and 1 scanning electron microscopy facility and to assist in individual/group training. M.S. in biological sciences and minimum of 1 to 2 years of experience with light and electron microscopes. Salary competitive. Position available 1 May. Submit curriculum vitae, college transcript(s), and three letters of recommendation to **Dr. Harry T. Horner, Jr., Department of Botany and Plant Pathology, 3 Bessey Hall, Iowa State University, Ames, Iowa 50011.** *Equal Opportunity/Affirmative Action Employer.*

FACULTY POSITION

Applications are invited for a faculty appointment in the Department of Medical Microbiology, College of Medicine, effective 1 July 1978. Such appointments are usually made as assistant professor. To teach microbiology, virology, or immunology to medical and graduate students. Research should be at the basic biochemical or genetic level. Postdoctoral experience in microbiology and biochemistry strongly preferred. *Applications from all qualified candidates welcome. Women and minorities encouraged to apply.* Send curriculum vitae and four letters of recommendation to: **Dr. Paul Sypherd, Department of Medical Microbiology, University of California, Irvine, College of Medicine, Irvine, Calif. 92717,** before 1 August 1977.

POSITIONS OPEN

DEPUTY EXECUTIVE DIRECTOR, U.S.-Israel Binational Science Foundation (BSF), to assist executive director in all technical and professional aspects of administering grant applications and awards. Employment is in Israel; minimum of 3 years; starting 1977. Must be U.S. citizen with background in international cooperative science programs. Salary negotiable within Israeli academic scale plus social benefits, transportation and moving costs, education allowance, home leave, and so forth. Send application, curriculum vitae, and availability date to: **BSF, c/o Division of International Programs, National Science Foundation, Washington, D.C. 20550 (Telephone: 202-632-4178),** to arrive by 18 May 1977.

BSF was established in 1972 by an agreement between the two governments. It supports cooperative research projects chiefly in the agriculture, health, and natural sciences, with an annual budget of 33 million Israeli lira. The research is performed substantially in Israel.

DEVELOPMENTAL BIOLOGIST-PHYSIOLOGIST: applications are invited for a position at the assistant professor level beginning September 1977. Major teaching responsibilities include upper division core course in developmental biology and graduate courses in specialty. Participation in the general biology program is also expected. An active research program, including direction of master's level theses is expected. Ph.D. required. Applications, supported by three letters of reference, must be received by 1 May 1977. Apply to: **Search Committee, Biology Department, State University College, Fredonia, N.Y. 14063.** *An Equal Opportunity/Affirmative Action Employer.*

FACULTY POSITION

Biology—assistant professor—vertebrate zoologist—fall 1977. University of Missouri-Kansas City. Must possess doctorate and be proficient in statistics. The position will carry both undergraduate and graduate teaching responsibilities as well as expectations for continued research productivity. Send complete curriculum vitae, list of publications, and names of three references to: **Chairman, Search Committee, Department of Biology, University of Missouri-Kansas City, 5100 Rockhill Road, Kansas City, Missouri 64110.** The closing date is 1 June 1977. *An Equal Opportunity Employer.*

FACULTY POSITION

A position is available at the professor or associate professor level for an individual with major interest and experience in electron microscopy as applied to immunology and/or microbiology. Send curriculum vitae and names of three references to **Appointments Committee, Department of Immunology and Microbiology, 540 East Canfield, Detroit, Michigan 48201.** *An Equal Opportunity Employer.*

HIGHER PLANT PHYSIOLOGIST

The Department of Biology of Harvard University, Cambridge, Massachusetts, is planning to appoint an assistant professor whose research interests center on integrative plant physiology or physiological ecology. Applicants are expected to have completed the Ph.D. degree.

Send curriculum vitae, the names of three references, and a statement of your research interests to: **John G. Torrey, Cabot Foundation, Harvard University, Petersham, Mass. 01366.**

Harvard University is an Equal Opportunity/Affirmative Action Employer.

INSTRUCTOR

Instructor to collaborate in research on mitosis. Preferred qualifications include a Ph.D. and experience with the concepts and techniques of biochemistry, molecular biology, and genetics which are applicable to studies of chromatin and microtubules in *Aspergillus nidulans*. The position carries faculty benefits and is available 1 July 1977.

Submit résumé to:

**N. R. Morris
Department of Pharmacology
College of Medicine and Dentistry of New Jersey
Rutgers Medical School
P.O. Box 101
Piscataway, New Jersey 08854**

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

Southern Illinois University at Edwardsville, School of Dental Medicine, invites applications for biomedical science **FACULTY POSITIONS** at the assistant professor level available 1 July 1977, one each in anatomy, microbiology, pharmacology, and physiology in the Department of Biomedical Sciences. Candidates should have a Ph.D. degree in appropriate discipline with experience in professional and graduate teaching in the human health sciences as well as a demonstrated research interest.

Southern Illinois University at Edwardsville is an Equal Opportunity/Affirmative Action Employer and administers its educational and employment programs in conformance with federal and state laws prohibiting discrimination based upon sex, race, age, and other proscribed categories, including Title IX (Higher Education Act). Inquiries regarding Affirmative Action in employment, Title IX administration, or other facets of equal opportunity should be directed to the Affirmative Action Office, Office of the President.

Send curriculum vitae to **Dr. Edwin E. Dale, Associate Dean for Administration, Southern Illinois University, School of Dental Medicine, Edwardsville, Illinois 62026.**

UNIVERSITY OF MELBOURNE LECTURESHIP (LIMITED TENURE) IN SEDIMENTOLOGY DEPARTMENT OF GEOLOGY

Applications are invited from suitably qualified persons in one or more aspects of sedimentology. Opportunities for research in the department embrace modern sediment distribution and transport studies, and also stratigraphic and depositional environment studies.

Salary: \$13,850 to \$18,389 per annum.

Further information, including details of application procedure is available from the Registrar. Applications referring to Position Number 626006 should be addressed to **The Registrar, University of Melbourne, Parkville, Victoria, 3052, Australia.** Applications close on 31 May 1977.

MASS SPECTROMETRY—Position available in the Department of Pharmaceutical Chemistry, University of California, San Francisco. Analytical chemist with experience in GC-MS-computer techniques to maintain instrument and participate in biomedical research applications. Salary commensurate with experience (\$13,000 to \$20,000 per year). Send résumé and names of three references to:

Dr. Wolfgang Sadee
School of Pharmacy
University of California, San Francisco
San Francisco, California 94143
An Affirmative Action Employer, M/F

MATHEMATICS AND PHYSICS—To teach one course in mathematics, physical science for non-majors, and general physics for science majors each semester. Ph.D. preferred; beginning date: 2 September 1977. Salary: \$9,500 to \$12,000. Send credentials to: **A. J. Catana, Vice President for Academic Affairs, Yankton College, Yankton, South Dakota 57078.**

An Equal Opportunity/Affirmative Action Employer

DIVISION OF METABOLISM AND GERONTOLOGY, Stanford University School of Medicine, is seeking an individual interested in studying the effect of age on hormone synthesis and secretion and/or action. Candidate should have ability to conduct independent research program at the cellular level, preferably in the area of carbohydrate, lipid, or calcium metabolism. Successful applicant will receive faculty position in the relevant department at Stanford, with appropriate teaching responsibilities, as well as being a member of the Geriatric Research, Education and Clinical Center at the Palo Alto Veterans Administration Hospital. Send curriculum vitae and three letters of reference to **Dr. Gerald Reaven, 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.*

MICROBIOLOGY. Assistant professor to teach undergraduate virology and general microbiology and to establish an independent research program. Ph.D. required; postdoctoral experience preferred. Submit curriculum vitae and names of three referees to **Dr. J. K. Morton, Chairman, Department of Biology, University of Waterloo, Waterloo, Ontario, Canada, N2L 3G1.** The effective date of appointment will be 1 July 1977.

POSITIONS OPEN

INSTRUCTOR OR ASSISTANT PROFESSOR, OPHTHALMOLOGY

Applications are sought for a Board-qualified ophthalmologist with specialty training in neuro-ophthalmology. A significant role of this physician will be the responsibility for organizing medical student and resident education in the Department of Ophthalmology. Applicants with microsurgery skills and administrative ability will be given favorable consideration. Please send inquiries and curriculum vitae to **Stephen J. Ryan, M.D., Chairman, Department of Ophthalmology, University of Southern California School of Medicine, Doheny Eye Foundation Building, 1355 San Pablo Street, Los Angeles, California 90033.** *The University of Southern California is an Equal Opportunity/Affirmative Action Employer.*

LABORATORY DIRECTOR— DEPARTMENT ADMINISTRATOR Department of Biochemistry, Rice University

Responsibility for the administrative and service operations of the department. Duties will include fiscal management of budgets, personnel management of staff, research administration of grants and contracts. Substantial previous experience in the above areas and a reasonable scientific background are required. Send résumé and three letters of reference to **Professor George J. Schroepfer, c/o Sandra Vega, Allen Center, Rice University, Houston, Texas 77001.** *An Equal Opportunity/Affirmative Action Employer*

NMR SPECTROSCOPIST. Ph.D. physical scientist with experience in NMR theory, instrument operation, and applications to chemistry and biophysics. Will provide consultation and instruction to biomedical users of NMR facility. Send résumé to: **Dr. L. J. Neuringer, Massachusetts Institute of Technology, Francis Bitter National Magnet Laboratory, 170 Albany Street, Cambridge, Mass. 02139.** *An Equal Opportunity/Affirmative Action Employer*

UNIVERSITY OF ILLINOIS SCHOOL OF CLINICAL MEDICINE URBANA-CHAMPAIGN

PATHOLOGIST: Board certified/eligible with strength in surgical pathology and interest/training in research. Time divided between medical school and affiliated private community hospital. Contact: **Donald R. Thursh, M.D., University of Illinois School of Clinical Medicine, 190 Medical Sciences Building, Urbana, Illinois 61801.** *The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from minorities and women.*

PEST MANAGEMENT SYSTEMS SCIENTIST. Assistant professor; 90 percent research, 10 percent teaching; available 1 July 1977. Research on systems approach to integrating control strategies for pest management (PM) systems in field crops. Interest in PM implementation essential. Ph.D. with broad background in entomology/biology, ecology, and systems science. Experience in quantitative, interdisciplinary approach to agricultural PM. Training in modeling, systems science, and computer programs. Send complete curriculum vitae, transcripts, a letter detailing professional interests and career goals, and three letters of reference to: **Dr. R. J. Sauer, Head, Department of Entomology, Kansas State University, Manhattan, Kansas 66506.** *Equal Opportunity/Affirmative Action Employer.*

Two **POSITIONS** with Ph.D., available immediately for teaching and research in chemical oceanography and ichthyology or fish physiology.

Salary open, with excellent benefits.

Curriculum vitae and references to **The Director, Instituto Oceanográfico, Universidad de Oriente, Cumaná, Venezuela.**

POSTDOCTORAL POSITION available summer or fall 1977 in NRSA program in environmental pathology. Preference given to recent graduate in molecular biology, nucleic acid biochemistry, or related discipline with interest in molecular mechanisms of cellular toxicity, mutagenesis, or carcinogenesis. Send curriculum vitae and names of three references to **Dr. Joe W. Grisham, Department of Pathology, University of North Carolina, Chapel Hill, N.C. 27514.** *Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

PLANT ANATOMIST/MORPHOLOGIST

The Department of Plant Science, University of Delaware, has a position available 1 July 1977 at the assistant professor level. Candidates should be prepared to teach higher plant anatomy/morphology/taxonomy at undergraduate level, and to establish a research program in his/her area of specialty. Research experience with a plant of agronomic horticultural or heuristic value is desired, as is a collaborative instinct with staff, students, and colleagues. The specific area of research is open. Applicants should send curriculum vitae, transcripts, and three letters of reference to: **Dr. Donald F. Fieldhouse, Plant Science Department, University of Delaware, Newark, Delaware 19711,** before 1 May 1977.

The University of Delaware is an Equal Opportunity Employer.

POPULATION BIOLOGIST—The Department of Zoology, University of Maine at Orono, invites applications for the position of assistant professor of zoology, temporary for 1 year to begin 1 September 1977. Beginning salary \$12,000; Ph.D. required. Teaching responsibilities in evolution and ecology. Possibility position will become permanent on a tenure track, in which case teaching will be shifted into biometry and population biology. Develop and maintain an active program of research in population biology of marine or freshwater animals. Send curriculum vitae, reprints or copies of publications, and three letters of reference to: **Dr. Frank L. Roberts, Chairman, Department of Zoology, University of Maine, Orono, Maine 04473.** Deadline for receipt of applications is 15 May 1977. *An Affirmative Action/Equal Opportunity Employer.*

POSTDOCTORAL POSITION: ongoing research in developmental anatomy and any of its aspects. Ph.D. or equivalent. \$10,000 per annum stipend. Applicants should send curriculum vitae and references to: **Dr. W. S. S. Jee, Department of Anatomy, 2C-110 Medical Center, University of Utah, Salt Lake City, Utah 84132.** *Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL POSITION IN NATURAL PRODUCT CHEMISTRY beginning summer 1977. Experience with isolation and characterization of secondary plant metabolites desirable. Salary \$11,000 per year. Send résumé and three letters of recommendation to **Dr. G. Hrazdina, Department of Food Science and Technology, Cornell University, New York State Agricultural Experiment Station, Geneva, N.Y. 14456.** *Cornell University is an Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL POSITION available for studies in tumor biology, with emphasis on somatic cell genetics (nuclear and mitochondrial inheritance as studied by cell hybridization, enucleation, and cell fractionation). Position available under Institutional National Research Service Award beginning September 1977. Stipend \$10,000 to \$13,200 depending on experience and qualification. Send curriculum vitae and names of three references to **Dr. Morgan Harris, Cancer Research Laboratory, 230 Warren Hall, University of California, Berkeley, California 94720.**

An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITION. Available immediately. Research in the structure and assembly of bacteriophages that contain lipids. Experience in enzymology or protein chemistry of hydrophobic proteins preferred. Send résumé and letter of recommendation to **Dr. Leonard Mindich, Public Health Research Institute, 455 First Avenue, New York, N.Y. 10016.** *An Equal Opportunity Employer.*

The University of California, Irvine, College of Medicine, has **POSTDOCTORAL RESEARCH POSITIONS** available in the Department of Medical Microbiology, in the areas of virology, immunology, regulation of mammalian cell growth, enzyme regulation in bacteria and mammalian cells, and development, genetics and nucleic acid metabolism of bacteria. Applicants must have a Ph.D. and a background in the quantitative aspects of biochemistry, microbiology, or genetics. *Applications from all qualified candidates are welcomed; minorities and women are encouraged to apply.* Interested individuals should write: **Chairman, Department of Medical Microbiology, College of Medicine, University of California, Irvine, Calif. 92717.**

POSITIONS OPEN

The School of Life Sciences each year has a number of **POSTDOCTORAL POSITIONS** based primarily on monies available through grants, and so forth. The number of positions will vary from year to year. We invite applications for potential 1 to 3 year positions as postdoctoral research associates in the following areas of the School of Life Sciences at the University of Illinois: botany; ecology, ethology, and evolution; entomology; genetics and development; microbiology; physiology and biophysics, and the following interdisciplinary programs in the area of biology: cell biology; neurobiology; plant physiology; ecology; genetics. Applicants should have the Ph.D. and strong interests in experimental research. Salary: open. Applicants should send a biographical sketch, a statement of research interests, and three letters of recommendation to the **School of Life Sciences, University of Illinois, Urbana, Ill. 61801**. *The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from minorities and women.*

POSTDOCTORAL POSITION—GEOPHYSICS

University of California, Los Angeles, needs a person with experience in earthquake seismology, geophysical data analysis, and statistics, for research in earthquake prediction. Extensive computation experience required. Please send résumé to: **Professor David D. Jackson, Department of Earth and Space Sciences, University of California, Los Angeles, California 90024**. *An Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL POSITION—THROMBOSIS RESEARCH CENTER—Postdoctoral position; a biochemist to study the regulation of both myosin enzymatic activity (phosphorylation) and actin polymerization state and the relationship to metabolism in platelets. Please send curriculum vitae and references to **Dr. Holm Holmsen, Specialized Center for Thrombosis Research, Temple University Health Science Center, 3401 North Broad Street, Philadelphia, Pa. 19140**. *An Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL RESEARCH ASSOCIATE

Position available immediately for Ph.D. or M.D. to pursue research in viral immunopathology that includes training in cellular immunology and T-cell mediated cytotoxicity. Salary depends upon qualifications. Send curriculum vitae to: **Jack F. Woodruff, M.D., Pathology Department, Cornell University Medical College, 1300 York Avenue, New York, N.Y. 10021**.

POSTDOCTORAL RESEARCH ASSOCIATE

Position available for individual interested in areas of site-specific recombination, gene structure, regulation, and genome organization in prokaryotes and eukaryotes: restriction endonucleases, DNA cloning, and in vitro systems. Please send résumé with desired starting date and list of three references to: **Arthur Landy, Division of Biology and Medicine, Brown University, Providence, R.I. 02912**. *An Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL TEACHING-RESEARCH POSITION IN BIOPSYCHOLOGY. The Department of Psychology anticipates an opening for fall 1977 on a 1-year temporary appointment. The position may be renewed for a second year. The individual filling this position will teach two undergraduate courses per quarter in physiological and experimental psychology with the opportunity to continue research in area of specialty. Preference will be given to applicants with interests in the neurophysiology and neurochemistry of motivational processes. Salary range is \$10,500 to \$11,500. Send curriculum vitae, graduate transcripts, reprints, and three letters of recommendation to: **Dr. J. Panksepp, Department of Psychology, Bowling Green State University, Bowling Green, Ohio 43403**. *An Affirmative Action/Equal Opportunity Employer.*

RESEARCH BIOCHEMIST to study the effects of alcohol on nerve and muscle. Applicant should have at least 3 years of postdoctoral experience, preferably in the field of alcohol research. This is an interdisciplinary project in an academic setting with good potential for growth. Please send curriculum vitae, bibliography, and summary of career goals to:

**Theodore L. Munsat, M.D., Professor and Chairman
Department of Neurology
Tufts-New England Medical Center
171 Harrison Avenue
Boston, Massachusetts 02111**

POSITIONS OPEN

HALCON PROFESSORSHIP OF TECHNOLOGICAL ENTREPRENEURSHIP

The University of Pennsylvania invites applications for the HALCON Professorship of Technological Entrepreneurship. This professor will hold joint academic appointments in the Wharton School and the College of Engineering and Applied Science. He or she will have broad responsibility, in the manner of a department chairperson, for the development of the Program in Management and Technology as well as responsibility for developing an Institute of Technological Entrepreneurship.

Please send curriculum vitae or nominations to: **Dr. Edward K. Morlok, 113-A Towne Building/D3, University of Pennsylvania, Philadelphia, Pa. 19174**. *An Equal Opportunity Employer.*

FULL PROFESSOR, M.D.

Full-time Faculty Appointment Coterminous with Department of Psychiatry, Yale University, and VA

M.D., full professor level, to develop and generate funding for a multihormonal/neuroendocrinological laboratory for collaborative clinical and basic research. Extensive experience and publications in basic neuroendocrinology, as well as clinical psychoneuroendocrinological research required. Salary commensurate with experience and qualifications. Women and members of minority groups are strongly encouraged. Send résumé and names of three references to **Gary L. Tischler, M.D., Chairman Search Committee, Yale University School of Medicine, Department of Psychiatry, 25 Park Street, New Haven, Conn. 06519**.

An Equal Opportunity/Affirmative Action Employer

Psychopharmacologist

Position for a group leader, over a major CNS program requires a Ph.D.-level pharmacologist with at least 5 years of experience in drug evaluation, methods development, and behavioral methodology.

For further information and consideration, please direct a résumé of your qualifications to: Manager, Research Personnel, Schering-Plough Research Center, 60 Orange Street, Bloomfield, N.J. 07003.

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RESEARCH GEOPHYSICIST (SEISMOLOGY)

Our Office of Nuclear Research, located in Bethesda, Maryland, has an attractive position for a research geophysicist (seismology) to participate in planning and directing research projects in the areas of seismology, geophysical exploration, earthquake hazards and geology as they relate to the siting safety for light water nuclear reactors. Requires appropriate degree with progressive experience and sound knowledge of principles, theory and applications of geophysics, seismology and geology adequate to evaluate and direct a variety of research programs. Send application (Standard Form 171—available at most Federal Offices) or résumé with salary data to: **U.S. Nuclear Regulatory Commission, Division of Organization and Personnel, Recruitment Branch (GT), Washington, D.C. 20555**. *An Equal Opportunity Employer. U.S. citizenship required.*

THE UNIVERSITY OF MICHIGAN Mental Health Research Institute Research Scientist/Neuroscientist

Neuroscientist having research interests relevant to mental health will be appointed with an academic appointment in an appropriate department of the University. Code #1900LO. Send inquiries/nominations and curriculum vitae with references to: **Box 176, SCIENCE**. *A non-discriminatory, Affirmative Action Employer.*

POSITIONS OPEN

Applications are invited for an anticipated one-year **REPLACEMENT POSITION** at Hampden-Sydney College (August 1977 to May 1978). Teaching responsibilities include participation in calculus-based general chemistry and project-oriented general chemistry laboratory (both semesters), environmental chemistry (fall semester), and advanced inorganic (spring semester). The rank of appointment is open; some emphasis will be given to candidates' undergraduate teaching experience. ACS-accredited 5-person department is well-equipped both in terms of housing and instrumentation; the college is located in south-central Virginia. Applicants should send résumé, transcripts of recent work, and names of references to **Dr. H. J. Sipe, Jr., Chairman, Department of Chemistry, Hampden-Sydney College, Hampden-Sydney, Virginia 23943**. *Equal Opportunity/Affirmative Action Employer.*

RESEARCH TRAINING IN SALIVARY SECRETION

Positions are available for research training in the biochemistry, cell-biology, pharmacology and/or physiology of salivary secretion. Applicants should have Ph.D. or a professional degree (M.D., D.D.S., D.V.M., or equivalent) and must be U.S. citizen or have permanent visa. Graduate programs leading to Ph.D. or M.S. are available. Stipends: \$10,500 to \$13,200, depending on experience.

Send curriculum vitae and statement of research interests to **Dr. Patricia Keller, Department of Oral Biology, University of Washington School of Dentistry, Seattle, Wash. 98195**.

University of Washington is an Equal Opportunity Employer.

SABBATICAL REPLACEMENT

A sabbatical replacement is sought for the first semester of the 1977-78 academic year to teach lecture courses in (i) molecular biology and (ii) microbial genetics. M.S. or Ph.D. in microbiology, genetics or cell biology required, plus an interest and commitment to upper division undergraduate and graduate education. Send curriculum vitae and three letters of recommendation to: **Dr. Samuel Kaplan, Department of Microbiology, University of Illinois, Urbana, Ill. 61801**. Salary approximately \$7000 for 5 1/2 months. An additional 6 1/2 month appointment as a research associate is possible. *The University of Illinois is an Affirmative Action/Equal Opportunity Employer.*

SEDIMENTOLOGIST

The Department of Earth Sciences, Case Western Reserve University, is seeking a faculty member in the area of sedimentology. Candidates should have experience in the study of modern sedimentary environments and in the interpretation of ancient depositional environments from the study of sedimentary rocks. An interest in some aspect of fossil fuels or other natural resources is desirable. Ph.D. or equivalent required. Submit applications, consisting of résumé, names and addresses of three referees, transcripts, and a statement of research and teaching interests to: **Dr. S. M. Savin, Earth Sciences Department, Case Western Reserve University, Cleveland, Ohio 44106**. *Case Western Reserve University is an Equal Opportunity/Affirmative Action Employer.*

VETERINARY ANATOMIST: A position is available at the assistant or associate professor level, effective 1 July 1977, in the Department of Anatomy and Physiology, College of Veterinary Medicine, Kansas State University. Ph.D. required; preference will be given to applicants with D.V.M. who have teaching experience. Responsibilities will include: (i) participation in teaching gross and applied anatomy, and (ii) participation in the graduate research program, preferably in area of large animal anatomy. Interested applicants should submit a curriculum vitae and list of three references, no later than 2 weeks from publication date, to: **Dr. D. E. Weinman, Department of Anatomy and Physiology, College of Veterinary Medicine, Kansas State University, Manhattan, Kansas 66506**. *Kansas State University is an Equal Opportunity/Affirmative Action Employer.*

VIROLOGIST (Ph.D. or M.D.) Applications are invited for an opening at assistant professor level, for individual qualified to teach virology and with an active research program in some related field. Candidates should submit curriculum vitae, publication list, description of research and teaching interests, and names of three references by 31 May 1977 to: **Dr. Paul M. Knopf, Division of Biology and Medicine, Brown University, Providence, R.I. 02912**. *An Equal Opportunity/Affirmative Action Employer.*

COMPUTER- ASSISTED DRUG DESIGN

Lederle Laboratories seeks an innovative scientist who will utilize multiple approaches to computer-assisted drug design and the development of quantitative structure-activity relationships.

Experience with more than one approach to such studies and excellent communication skills are required.

Pleasant suburban area just 30 miles from New York City. Salary and opportunity for full career development. Send record of accomplishments and salary history to Mr. C. L. Hill,



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But have you ever thought of working with us? We are looking for people with both technical and foreign language skills who can assist us in abstracting and indexing the world's chemical literature.

We have several full-time, permanent positions available in our Columbus office. As indicated, both technical and language skills are required:

General Chemistry (light experience)-Russian or Japanese
Petroleum Chemistry-Russian, German, or French
Chemical Process Engineering-Russian, German, or French
Waste/Pollution Chemistry-Russian, German, or French
Metallurgy-Russian, German, or French
Nuclear Chemistry-Russian
Theoretical Physical Chemistry-Russian
Analytical Chemistry-Russian, German, or French
Mammalian Physiology-Russian
Plant Physiology-Russian

Experience in abstracting/indexing is *not* required. We offer competitive salaries, a professional working environment, and a very attractive benefits program. To apply for any of these positions, please write to:

CHEMICAL ABSTRACTS SERVICE

Personnel Department

P.O. Box 3012

Columbus Ohio 43210

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RESEARCH BIOCHEMIST

A new multi-discipline research group at Pfizer is seeking to add a biochemist to its team. The basic thrust of the research effort is to identify natural variants in plants or cell cultures with improved agronomic properties.

The person we seek will have a Ph.D. in biochemistry and post doctoral experience; training or experience in genetics is also required. A detailed knowledge of plant biochemistry, while desirable is not necessary.

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SYMPOSIUM

HAMSTER IMMUNE RESPONSES: EXPERIMENTAL MODELS LINKING IMMUNOGENETICS, ONCOGENESIS AND VIRAL IMMUNITY. University of Texas Health Science Center at Dallas, Dallas, Texas. 31 May through 2 June 1977. The program will consider the following topics: hamster immune responses; immunogenetics and transplantation; immunity to infection, especially viral; oncogenesis and tumor immunity. The symposium is sponsored by the Transplantation Society and supported by the National Institutes of Health. The symposium is open to all, with program participation by invitation only. For information contact: **J. Wayne Strellein, Professor of Cell Biology and Internal Medicine, Southwestern Medical School, University of Texas Health Science Center, 5323 Harry Hines Boulevard, Dallas, Texas 75235. Telephone: 214-688-2228.**

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Contact: **Lynwood H. Smith, M.D., Urolithiasis Research Laboratory Director, Mayo Clinic and Foundation, Rochester, Minnesota 55901; telephone: 507-282-2511, ext. 8313. An Equal Opportunity Employer.**

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E. Knobil, Department of Physiology, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania 15261.

POSTDOCTORAL RESEARCH FELLOWSHIP in Dermatology Research Laboratories, Department of Medicine, Duke University Medical Center. Available 1 May 1977. Purification and characterization of proteinases. Role of proteinases in chemotaxis, inflammation and cellular metabolism. Some experience with membranes helpful. Send curriculum vitae to **Gerald S. Lazarus, M.D., Professor of Medicine, Duke University Medical Center, Box 2987, Durham, N.C. 27710.**

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Washington University in St. Louis offers advanced training for research in neuroanatomy, neurocytology, cellular neurophysiology, physiology of neural systems, neurochemistry and neuropharmacology. Four fellowships (supported by the NINCDS for 2 to 3 years) are available as of 1 July 1977. Application should be made directly to one of the 35 faculty members associated with this training program. For a list of these faculty, and their research interests, and for directions for applying, write to **Dr. R. P. Bunge, Department of Anatomy and Neurobiology, Box 8108, Washington University Medical School, 660 South Euclid Avenue, St. Louis, Missouri 63110.**

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FELLOWSHIP IN CARDIOVASCULAR PATHOBIOLOGY. An interdisciplinary program has been established, beginning 1 July 1977, for the study of mechanisms (ischemia, immunity and inflammation) of molecular damage of sarcolemma, sarcoplasmic reticulum, lysosomes, stimulus-secretion coupling and protein and lipid metabolism. Candidates must have either Ph.D. (biological sciences) or M.D. (training may be combined with a clinical residency). Send résumé and references to: **Dr. William B. Weglicki, Department of Biophysics, Box 877 MCV Station, Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia 23298.**

HYPERTENSION RESEARCH FELLOWSHIPS: fellowships in hypertension research for 2 years, with option of 1 additional year of clinical training for qualified applicants, are available at the Mayo Clinic and Mayo Graduate School of Medicine beginning July 1977. This NIH funded multidisciplinary program provides research training in hypertension by faculty in nephrology, endocrinology, cardiovascular, clinical pharmacology, pediatrics, biochemistry, and physiology. Applicants should have the M.D. or Ph.D. degree. Degree programs leading to the masters or Ph.D. degrees are available. For further information write to **R. D. Brown, M.D., Director, Multidisciplinary Hypertension Research Training Program, Mayo Clinic, Rochester, Minn. 55901. An Equal Opportunity/Affirmative Action Institution.**

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