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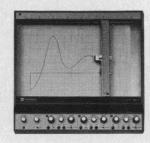
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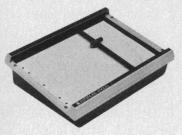
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A new AAAS report deals with both of these complex issues. Scientific Freedom and Responsibility illuminates some of the gray areas that have emerged as science and technology increasingly intersect areas of social and ethical concern. It studies and reports on the conditions required to give scientists and engineers the freedom and responsibility to speak out; it prescribes criteria and procedures for the objective and impartial study of conflicts concerning scientific freedom and responsible scientific conduct; it encourages individuals, professional societies, industrial organizations, and government agencies toward the development of mechanisms for resolving such disputes.

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Senior Scientist Cell Biology

The Cell Biology laboratory in corporate research is seeking a Ph'D scientist to participate in an emerging cell biology research team. This laboratory will be involved in an R & D program seeking therapeutic agents from cell

Formal training should be in cell biology, molecular biology biochemistry or microbiology. Experience must include eukaryotic cell culture; genetic and molecular biology approaches to understanding and controlling cell function.

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Neurobiochemist, Ph.D. 1968. Postdoctoral experience in neurochemistry. Research on cyclic nucleotides, psychopharmacology, proteins, and nucleic acids. Seeks academic or full-time research position. Box 295, SCIENCE.

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POSITIONS OPEN

ACADEMIC PATHOLOGY: Positions available at all levels. Individuals should have experience in research and teaching. Inquiries or curriculum vitae should be directed to: Dr. James B. Caulfield, Department of Pathology, University of South Carolina School of Medicine, Columbia, South Carolina 29208. The University of South Carolina offers Equal Opportunity in its employment, admissions, and educational activities in compliance with Title IX and other civil rights laws. er civil rights laws.

ADJUNCT ASSISTANT PROFESSOR: Starting salary approximately \$16,000. Starting 1 July 1976. Requirements: Ph.D. and 1 or 2 years of postdoctoral training in gerontology and immunology including familiarity with cell fractionation and cellular immunity techniques, enzyme purification, radioactive counting techniques including radioautography, and experience with autopsy interpretation. University of California, Los Angeles, is an Equal Opportunity Affirmative Action Employer interested in receiving applications from minorities and women candidates as well as other qualified people. Send curriculum vitae and three references to Dr. Roy L. Walford, Department of Pathology, University of California, Los Angeles, Calif. 90024.

AIR RESOURCES CENTER DIRECTOR, Oregon State University. Responsibilities: development and coordination of research, educational, and training programs; liaison of state/federal agencies; dissemination of research results. Qualifications: Ph.D., established research reputation, education/research administration in air resources-related discipline. Send résumé and two supporting letters by 1 August 1976 to Dr. J. V. Byrne, Acting Dean of Research, Oregon State University, Corvallis, Oregon 97331. Equal Opportunity Employer.

ANATOMY

Two junior faculty positions available as of 1 July 1976. Ph.D., M.D., or D.D.S. required. Teaching areas open in anatomy courses for dental or medical students. Research area open. Submit curriculum vitae and the names of three references to:

Dr. W. Lane Williams, Chairman Dr. W. Lane Williams, Chairman Department of Anatomy University of Mississippi Medical Center 2500 North State Street Jackson, Mississippi 39216

An Equal Opportunity Employer, M/F

ASSISTANT PROFESSOR OF ANTHROPOLOGY. New York University seeks a highly qualified new Ph.D. in social/cultural anthropology or physical anthropology for autumn 1977. Field of specialization not important. Submit curriculum vitae and names of referees to: Professor John Buettner-Janusch, Chairman, Department of Anthropology, 25 Waverly Place, New York University, New York, New York 10003. An Affirmative Action/Equal Opportunity Em-

UNIVERSITY OF CALIFORNIA, IRVINE SCHOOL OF BIOLOGICAL SCIENCES CHAIR, ECOLOGY AND EVOLUTIONARY BIOLOGY

A position is now available for an appointment at the A position is now available for an appointment at the full professor level as chair in the Department of Ecology and Evolutionary Biology in the School of Biological Sciences at the University of California, Irvine. Candidates must have an active research program. Marine biology or ecological energetics are preferred, although individuals in other areas of ecology and evolutionary biology will be considered. Candidates should submit curriculum vitae particulars as soon as possible to Dean Howard A. Schneiderman, School of Biological Sciences, University of California, Irvine, Irvine, California 92717. Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.

EMBRYOLOGY/DEVELOPMENTAL BIOLOGY

A temporary l-year position as visiting assistant professor is available beginning 15 August 1976. Teaching duties include a course in embryology. The Ph.D. is required. Send application, curriculum vitae, transcripts, letters of recommendation, and reprints immediately to Dr. Carl W. Helms, Head, Department of Zoology, Clemson University, Clemson, S.C. 29631. Telephone: 803-656-3247. Clemson University is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

VISITING ASSISTANT PROFESSOR OF BIO-CHEMISTRY. Temporary appointment for the 1976–77 academic year. Ph.D. in biochemistry required. Research interest in enzymology preferred. Teaching duties will include introductory and/or advanced biochemistry courses. Percent in and for the property of vanced biochemistry courses. Research time and fa-cilities available. Send curriculum vitae and three let-ters of recommendation to: J. M. Shively, Head, De-partment of Biochemistry, Clemson University, Clemson, South Carolina 29631. Clemson University is an Equal Opportunity/Affirmative Action Employ

ASSISTANT PROFESSOR, CROP GENETICS—PHYSIOLOGY AND BIOCHEMISTRY. Ph.D. in genetics and biochemistry or physiology. To develop a basic research program in the biochemical genetics of crop plants and interact with existing programs on starch and protein synthesis. Also to teach in area of expertise. Applications should include curriculum vitae, transcripts, evidence of experience, three reforacle terrors, evidence of experience, three refrerence letters, and names of two possible additional references. Send to Dr. Mark L. Tomes, Department of Botany and Plant Pathology, Life Science Building, Purdue University, West Lafayette, Indiana 47907. Equal Access/Equal Opportunity Employer.

DENTAL PHARMACOLOGIST

Applications are invited for the position of instructor Applications are invited for the position of instruction in the Basic Dental Sciences Department of the University of Florida College of Dentistry. Teaching in both basic science and clinical courses and instruction in the clinical setting are required. Field of research should be related to dentistry. Applications, including a complete curriculum vitae and names of three persons to be contacted as references, should be sent to:

Dr. Parker E. Mahan College of Dentistry University of Florida Box j 424 Gainesville, Florida 32610

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DEPARTMENT OF ANATOMY

AND CELL BIOLOGY
Three positions available to begin July 1977. Level: instructor or assistant professor. Salary: appropriate for level of training and accomplishments. Teaching for level of training and accomplishments. Feaching responsibilities: medical school histology, neurobiology, cell biology. Research area: cell biology, neurobiology, developmental biology. Send résumés to: Chairman, Department of Anatomy and Cell Biology, State University of New York, Downstate Medical Center, Box 5, 450 Clarkson Avenue, Brooklyn, New York 11203. Equal Opportunity/Affirmative Action Employer. Employer.

ASSISTANT PROFESSOR, OPHTHALMOLOGY

Applications are sought for an ophthalmic pathologist. Requirements for this position include training to meet the qualifications for Board certification in pathology as well as ophthalmology. Postresidency training in ophthalmic pathology with emphasis on research, particularly electron microscopy, will receive most favorable consideration. Please send inquiries and curriculum vitae to **Stephen J. Ryan**, M.D., Estelle Doheny Eye Foundation, University of Southern California School of Medicine, 1355 San Pablo Street, Los Angeles, California 90033. The University of Southern California is an Equal Opportunity/Affirmative Action Employer.

BIOCHEMIST—PROTEIN RESEARCH

Ph.D. biochemist with background in physical and enzymatic methods of protein analysis to investigate enzymatic methods of protein analysis to investigate new in vitro methods of protein quality evaluation. Ability for original research and initiative in taking responsibility for own program is highly desirable. This is an excellent opportunity for advancement with a new division of a growing R & D company. Please send résumé to Dr. A. C. Makrides, Biological Division, EIC Corporation, 55 Chapel Street, Newton, Massachusetts 02158.

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POSITIONS OPEN

ASSISTANT PROFESSOR MICROBIOLOGY AND BIOCHEMISTRY

Research in plant or microbial macromolecules and/ or membranes. Teach one-semester course in molecular biology (structure and function of proteins and nucleic acids). Ph.D., research publications, teaching experience. Starting 1 January 1977. Send résumé to Box 24Y, Waterman Building, University of Vormont Publisher Water 1984. Vermont, Burlington, Vermont 05401.

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ASSISTANT PROFESSOR, MUSCLE BIOLOGY AND MEAT SCIENCE. Applications are invited for persons with a Ph.D. degree in meat science and muscle biology. Responsibilities include graduate and undergraduate teaching and research in the area of fundamental aspects of muscle protein chemistry and/or biosynthesis of muscle protein Chemistry and/or biosynthesis of muscle protein. Apply with résumé to: Dr. S. A. Ewing, Head, Department of Animal Science, Iowa State University, Ames, Iowa 50011. Affirmative Action/Equal Opportunity Em-

ASSISTANT PROVOST FOR ACADEMIC AF-ASSISTANT PROVOST FOR ACADEMIC AF-FAIRS. To give leadership in eight divisions: Agri-cultural Business; Agricultural Industries and Ser-vices; Agricultural Production; Animal Health Tech-nology; Food Industry and Technology; Home and Family Servičes; Horticultural Technology; and Re-lated (General) Education. Qualifications: Ph.D. or master's degree in agricultural or related field. Con-tact: Robert Collins, University of Minnesota Techni-cal College-Waseca, Waseca, Minnesota 56093.

CHAIRMAN CELL AND MOLECULAR BIOLOGY

This 25-member department combines the disciplines of microbiology and biochemistry. Applicant must have demonstrated success in medical and graduate education, research, and funding. Send curriculum vitae and references to **Dale E. Bockman, De**partment of Anatomy, Medical College of Georgia, Augusta, Georgia 30902. An Equal Opportunity/Affirmative Action Employer.

THE INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY P.O. BOX 30772 NAIROBI, KENYA

IMMEDIATE VACANCY

DEPUTY DIRECTOR (RESEARCH) AT THE ICIPE RESEARCH CENTRE (REF.AD/SCI/76/6)

Applications are invited from suitably qualified and experienced candidates for the senior position of **DEPUTY DIRECTOR** (**RESEARCH**) at the ICIPE Research Centre in Nairobi, Kenya.

It is of utmost importance that the successful candidate is demonstrably a first-class senior scientist, and that he/she has considerable experience in science administration and the coordination of research projects. He/she should also be someone from the developing countries, or someone who has deep interest and wide experience of problems of tropical regions. Ideally, the appointee should have extensive scientific experience in the field of insect science; but candidates in related fields (such as ecology, epidemiology, parasitology, agronomy, and comparative physiology) may be considered. There is no age limit, although preference will be given to those having several years of professional life in will be given to those having several years of professional life in research and science administration.

The appointee will work under the general supervision of the Director of The appointee will work under the general supervision of the Director of the Centre. His/her duties will include the coordination of research programs of this research institute; the development of linkages between the ICIPE and African research establishments, the applied research institutes, and the international research centers and agencies throughout the world; communication with ICIPE's research consultants; and participation in research training activities. This is a full-time appointment; and it is unlikely that the appointee will have time to carry out his/her own research. own research.

The appointment is for 2 years in the first instance, but may be extended by mutual agreement to a total of 5 years. Salary levels are presently under consideration, but will be, roughly, at professional level. Additional benefits include a small gratuity calculated as a percentage of the basic salary, a housing allowance, a small transport allowance, medical insurance for the appointee and his/her immediate dependents, and travel tickets for the appointee and his/her dependents to take up the appointment.

The ICIPE wishes to make an appointment within the next 3 months. The closing date for the applications will be 30 June 1976. The applications, including a detailed curriculum vitae, should be sent to:

The Director
The International Centre of Insect Physiology and Ecology
P.O. Box 30772 Nairobi, Kenya

Senior Research Associate (Ph.D)

Protein/Colloidal Chemistry

As a national leader in the production of nutritional products we have a reputation and position to maintain. To stay ahead we need good people. Right now we're looking for an individual with a Ph.D. in Biochemistry, Biophysics, Food or Dairy Science. Specific course work or specialization in protein chemistry, and/or colloidal chemistry is required. You should have a minimum of 1 year's experience as a Post-Doctoral or Industrial Scientist working in basic research related to food systems. Background with physicochemical investiga-tions of sterile milk systems would be ex-tremely desirable. You must have knowledge of specific up-to-date experimental equipment such as: electrophoresis, ultracentrifugation, chromatography, or electronmicroscopy; be basic research-oriented; be scientifically creative and possess a good degree of individual persistence and orderliness

We offer an excellent salary and benefits program plus potential for future advancement.

Please send resume, including salary history to: Manager, Executive Employment



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POSITIONS OPEN

BIOCHEMIST. Position available for a Ph.D. with broad interests in enzymology, metabolism, protein chemistry, and at least 2 years of postdoctoral experience in nucleic acid biochemistry. Teaching opportunities available. Send curriculum vitae, list of publications, and names of three references to Dr. George L. Wolff, Chief, Division of Mutagenic Research, National Center for Toxicological Research, Jefferson, Arkansas 72079.

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BIOLOGY DEPARTMENT CHAIRPERSON/VER-TEBRATE ANATOMIST: Administer the affairs of the department and teach half time in the areas of comparative vertebrate anatomy, embryology, gross anatomy. Earned doctorate and teaching and admin-istrative experience. Rank and salary open. Date available: by 26 August 1976. Please submit letter of application by 15 July 1976 to: Dr. John P. Mees, As-sistant Provost, Northwest Missouri State University, Maryville, Missouri 64468.

DEAN, SCHOOL OF NATURAL SCIENCES AND MATHEMATICS SLIPPERY ROCK STATE COLLEGE

Duties: responsible for providing leadership in developing and strengthening programs in the disciplines of biology, chemistry, geology, mathematics, and physics; assist in the development of academic policy and criteria; provide direction and supervision in matters of budget, personnel, and re-

Qualifications: significant experience in college teaching; earned doctorate in one of the school's disciplines; demonstrated leadership and administrative ability

Salary: \$25,663 to \$34,132. Starting date: earliest, 25 August 1976; latest, 1 January 1977.

Applications containing résumés, undergraduate and graduate transcripts, letters of recommendation, and other supporting documents should be submitted no later than 10 July 1976 to:

Louis Razzano, Chairman, Search Committee Slippery Rock State College Slippery Rock, Pennsylvania 16057

An Equal Opportunity/Affirmative Action Employer

RUTGERS UNIVERSITY

Two assistant professorships are available for September 1976 in the Department of Biology of Livingston College, the newest of the several biology departments on Rutgers' New Brunswick campus: (i) DEVELOPMENTAL BIOLOGIST with research in-DEVELOPMENTAL BIOLOGIST with research interests preferably relating to neural or behavioral questions and (ii) BEHAVIORAL BIOLOGIST with research specialization in social behavior. In addition to an undergraduate and a graduate course in the respective disciplines, one appointee will be responsible for a required organismic physiology course and the other for one semester of the general biology course for freshmen. We desire applicants who combine effectiveness as teachers with outstanding potential as imaginative researchers. Send curriculum vitae immediately to Dr. Ronald J. Barfield, Search Committee, Department of Biology, Livingston College, Rutgers University, New Brunswick, N.J. 08903. An Equal Opportunity Employer.

ECOLOGIST. Applications are invited for a position at the assistant professor level. Teaching duties include a lower-division course in environmental biology and graduate courses in ecology, environmental science, and areas of specialization. Ph.D. required. Active research and publication expected. Applications and résumés supported by three letters of recommendation must be received by 15 July 1976. Apply to: Search Committee, Department of Biology, State University College, Fredonia, N.Y. 14063. An Equal Opportunity/Affirmative Action Employer.

PHARMACOLOGISTS. Faculty positions are available in Psycho-, Neuro-, GI, endocrine, and clinical pharmacology and in toxicology with ranks dependent pharmacology and in toxicology with ranks dependent upon qualifications. Minimal requirements are a doctoral degree, productive postdoctoral experience, and commitment to research and teaching. Submit credentials to Chairman, Department of Pharmacology and Toxicology, University of Texas Medical Branch, Galveston, Texas 77550. An Equal Opportunity (M/F) Employer.

POSITIONS OPEN

ELECTRON MICROSCOPIST, recent Ph.D. to sufacilities and develop a research program. Must have experience in various electron microscopic techniques. Salary open. Equal Opportunity/Affirmative Action Employer. Send résumé to Dr. A. Tzagoloff, Public Health Research Institute, 455 First Avenue, New York, N.Y. 10016.

FACULTY POSITION OPPORTUNITY—Ph.D., GENETICS: A faculty position is available for a Ph.D. in genetics in an established clinical and research program concerned with genetic counseling and antenatal diagnosis. Experience in human cytogenetics is desirable. Salary negotiable. Respond with curriculum vitae to: Allan B. Weingold, M.D., With curriculum vitae to: Alian B. Weingold, M.D., Department of Obstetrics and Gynecology, George Washington University Medical Center, 2150 Pennsylvania Avenue, NW, Washington, D.C. 20037. Interview calls will be made on review of curriculum vitae. Equal Opportunity Employer.

FACULTY POSITION AVAILABLE

A faculty position is available at the Freshwater Bio-A faculty position is available at the Freshwater Biological Institute in the College of Biological Sciences of the University of Minnesota. Applicants should have a Ph.D. and several years of experience in research in phycology, with special emphasis on algal nutrition, physiology, and ultrastructure. They should be able to demonstrate through published research that they have made significant contributions to science. It is anticipated that the position will be filled at the assistant professor level, but the possibility of hiring at a higher rank exists. The academic appointment will be held in the Department of Botany and that department will have the responsibility for the assignment of teaching duties. Applications for the assignment of teaching duties. Applications should be sent to Dr. John M. Wood, Freshwater Biological Institute, P.O. Box 100, Navarre, Minn.

An Equal Opportunity/Affirmative Action Employer

Applications are invited for an anticipated FAC-Applications are invited for an anticipated FAC-ULTY POSITION for fall 1976. Candidates should be prepared to initiate a vigorous research program in some phase of molecular genetics or molecular as-pects of development and to participate in the depart-mental teaching program at both the undergraduate and graduate levels. A curriculum vitae, a statement regarding future research plans, and three letters of recommendation should be sent to Dr. Albert Siegel, Biology Department, Wayne State University, Detroit, Michigan 48202.

Wayne State University is an Equal Opportunity/ Affirmative Action Employer.

OXFORD UNIVERSITY Departments of Agricultural Science. Botany, and Forestry

The University proposes to appoint a **Lecturer** in agricultural science who should be either a plant breeder, preferably with some tropical experience, or a tropical agronomist preferably with some experience in plant breeding. The lecturer will be expected to cooperate in the teaching of the three departments. Salary according to age on the scale £3174 to £6878 per year with superannuation. A fellowship at Wolfson College may be available in association with this lec-

Further particulars may be obtained from the Admin istrator, Department of Agricultural Science, Oxford University, Parks Road, Oxford OX1 3PF, England, to whom applications (eight copies, one for overseas candidates) together with the names of three referees should be sent by 31 July 1976.

MARINE RESEARCH EXECUTIVE DIRECTOR

To manage and coordinate oceanographic research and data management activities, establish new projects through procurement of funding from contracting agencies, and perform other administrative functions as required.

Ph.D. in oceanography or related field. Preference to candidates with experience in continental shelf research activities and with scientific knowledge of the Gulf of Maine. Extensive experience in project management and grantsmanship essential.

Initial appointment for 1 year starting July 1976. Send résumés to: Dr. Donald B. Horton, Executive Director, TRIGOM, 21 Vocational Drive, South Portland, Maine 04106.

POSITIONS OPEN

PHYSICS-DEPARTMENT HEAD

Candidates should have an earned doctorate in physics, with a strong background in the physics of mateics, with a strong background in the physics of materials as well as administrative and teaching experience, a record of research, publications, and professional activity, and experience and interest in teaching and research that cross traditional departmental lines. Send résumé and the names of three references by 15 August to William Powers, Dean, College of Sciences and Arts, Michigan Technological University, Houghton, Michigan 49931. Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employers.

IMMUNOPATHOLOGIST. Pathologist with interest IMMUNOPATHOLOGIST. Pathologist with interest in teaching and research to head section at the Los Angeles County-University of Southern California Medical Center. Salary and academic rank commensurate with qualifications. California license required. Apply in writing (include curriculum vitae)

Nancy E. Warner, M.D., Professor and Chairman Department of Pathology University of Southern California School of Medicine 2025 Zonal Avenue Los Angeles, California 90033

Equal Opportunity/Affirmative Action Employer

THE UNIVERSITY OF MICHIGAN INSTRUCTIONAL ASSOCIATE

Candidate must have degree with major in biology or zoology; 3 to 5 years of experience with histological techniques. Supervise, maintain, and renew the mitechniques. Supervise, maintain, and renew the mi-croscopic slide and Kodachrome collections in rela-tion to staff and students in medical, dental, and graduate school. Assist in setting up exams and dem-onstrations and in research projects. Advise gradu-ate and postgraduate students in routine light and electron microscope techniques. Code #20450. Send résumé to Box 299, SCIENCE. A Non-discriminatory, Affirmative Action Employer.

NEUROANATOMIST/ NEUROENDOCRINOLOGIST, NEUROCHEMIST

Wisconsin Regional Primate Research Center has two openings for full-time researchers at the level of assistant or associate scientist beginning as soon as

Neuroanatomist/Neuroendocrinologist-expertise in neural ultrastructure and an interest in neu-roendocrine phenomena.

Neurochemist—expertise and current research interests in the chemistry of neurotransmitters and

in immunochemistry.

The overall mission of the Center is to conduct basic research in the areas of neural systems, endoorine physiology, and behavior. Applicants interested in brain-endocrine interactions are preferred to take advantage of opportunities for collaboration with other Center scientists. The Ph.D. is required. Interested and qualified candidates should send their curriculum vitae and names of three references by I September 1976 to: September 1976 to:

Search Committee Wisconsin Regional Primate Research Center 1223 Capitol Court Madison, Wisconsin 53706

An Equal Employment Educational Institution (Title IX, Title VI)

PLANT PHYSIOLOGIST-HAWAII

Assistant researcher, 11-month appointment in Hawaii Agricultural Experiment Station, full-time research on tropical tree crops, emphasis on regulation of development. Location at Beaumont Laboratory, Hilo, island of Hawaii. Details available from Dr. N. P. Kefford, Chairman, Department of Botany, University of Hawaii at Manoa, 3190 Maile Way, Honolulu, Hawaii 96822. An Equal Opportunity/Affirmative Ac-

POSTDOCTORAL POSITION. Available September 1976 for recent Ph.D. biochemist. Research in volves the structure-chemistry of cation channel components in excitable membranes. Previous experience in membrane biochemistry desirable. Position nence in membrane biochemistry destrable. Position also includes undergraduate teaching in general biochemistry. Send résumé and names of two references to Dr. Juta K. Reed, Department of Chemistry, University of Toronto, Erindale College, Mississauga, Ontario L5L 1C6.

R&D SCIENTIST

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We are looking for an individual who will be responsible for designing and implementing evaluation programs for consumer oriented testing of SCHICK and competitive products. This includes wet shaving, small appliances and some toiletries products.

The position requires a Bachelor's in Science or Engineering plus a Masters Degree in a similar area with at least 5 years of applicable experience. Background should include expertise in materials technology, electromechanical instrumentation and consumer oriented product eval-

We offer an excellent fringe package and broad advancement opportunities. If interested, please send resume and salary history in confidence to Employment Manager.

Personal Products Division WARNER-LAMBERT CO. 10 Webster Rd. Milford, Conn. 06460

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You'll enjoy working in an ultra modern headquarters complex in a beautiful rural setting in Fort Washington, Pa., close enough to Philadelphia so that you can enjoy all of the city's famous cultural and historic activities. Seashore and Pocono Mountain resorts are only an hour's drive. McNeil is a Johnson & Johnson Company offering an excellent starting salary, a top package of employee benefits, and unlimited opportunity for career development.

For immediate consideration submit your letter or resume and two letters of recommendation to our Employment Manager.

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ASSOCIATE DIRECTOR CLINICAL CENTER NATIONAL INSTITUTES OF HEALTH

The Clinical Center, National Institutes of Health, invites nomination and application for the position of Associate Director for Training and Education. The Clinical Center is a 500-bed research hospital in which 10 research insti-tutes conduct clinical investigations. The incumbent is responsible for the leadership and supervision of profes-sional educational activities for medical students and clinical associates, and for coordination of existing and future residency training programs at the NIH.

Prefer applicants with a M.D. degree and demonstrated achievement in clinical research. The position requires a high degree of scientific knowledge, leadership, executive ability and a desire to work with young physicians.

Position will be filled by appointment to the U.S. Public Health Service Commissioned Corps or to a top U.S. Civil Service grade. Salary will range between \$37,800 and \$45,000 depending on qualifications. Letters of interest, curriculum vitae, and bibliography should be sent to the Chairman of the Search Committee:

Dr. Alan Rabson, Director

Division of Cancer Biology and Diagnosis

NATIONAL INSTITUTES OF HEALTH

Public Health Service

Building 31, Room 3A-03, Bethesda, Maryland 20014 Deadline date for receipt of application: August 2, 1976

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POSITIONS OPEN

PATHOLOGIST CHAIRPERSON OR HEAD DEPARTMENT OF PATHOLOGY

Position available at the Peoria School of Medicine, one of the three clinical schools within the University of Illinois College of Medicine. Applicants must be graduates of an approved medical school, Board-certified in one of the boards of pathology, licensed or eligible for licensure in the State of Illinois, and have experience in administration, teaching, and/or research. Duties include the development of programs in undergraduate, graduate, and continuing education in pathology; the recruitment of faculty to meet the needs of the department; the development of an effective relationship with the clinical faculty; the support of research and other scholarly activities of the department; and representing the Department of Pathology to the Dean and other departments. Salary and academic rank will be commensurate with experience and qualifications. The position is available at present. Starting date to be negotiated. Interested persons should send their curriculum vitae to:

Dr. F. J. Grundbacher, Chairman Position available at the Peoria School of Medicine,

Dr. F. J. Grundbacher, Chairman Pathology Search Committee Peoria School of Medicine 1400 West Main Street Peoria, Illinois 61606

Applications will be accepted until 15 August 1976.
The University of Illinois is an Affirmative Action/
Equal Opportunity Employer and encourages applications from members of minority groups and wom-

TWO POSTDOCTORAL APPOINTMENTS available immediately for recent graduates in chemistry or biochemistry, to work in chemical carcinogen-esis. Research involves environmental and metabolests. Research involves environmental and metabolic chemistry of nitrosamines and other carcinogens. One candidate should have experience in GC-MS. Send curriculum vitae to: Dr. Michael C. Archer, Department of Nutrition and Food Science, Massachusetts Institute of Technology, Cambridge, Mass. 02139. An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITIONS open in respiration physiology. \$10,000 per year plus fringe benefits. Intensive research training in several areas of respiration under guidance of a team of physiologists, biochemists, and clinicians. Open to Ph.D.'s and M.D.'s. Information: Dr. M. Jaeger, Department of Physiology, College of Medicine, University of Florida, Gainesville, Florida 32610. Telephone: 904-392-4483.

POSTDOCTORAL POSITION—Immediate opening for recent Ph.D. well-trained in electron microsco-py. Interact with membrane physiologists in studies py. Interact with memorane physiologists in studies using cardiac muscle in tissue culture, red blood cells, lipid bilayers. Apply to Dr. M. Lieberman, Department of Physiology, Box 3709, Duke University Medical Center, Durham, North Carolina 27710. An Equal Opportunity Employer.

POSTDOCTORAL POSITION (3 years), available immediately. \$10,000 to \$13,000 per year depending on experience. Research in hematology involving a study of the mechanism of erythropoietin production and site of action. Training in hematology, biochemistry, and cell culture highly desirable. Send curriculum vitae and names of three references to Dr. James R. Zucali, Department of Biological Resources, Roswell Park Memorial Institute, 666 Elm Street, Buffalo, New York 14263. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH BIOCHEMIST: One-year appointment presently available; renewable for second year with opportunity for progression to regular staff appointment. First-year salary \$12,000. Recent Ph.D. in biochemistry or cell biology with experience in endocrinology. A working knowledge of hormonal regulation of target tissue function and its relation to the pathophysiology of disease of the accessory organs of reproduction is required. Experience in cell and tissue culture desirable. Please send résumé and names of two references to Personnel Manager, Southwest Foundation for Research and Education, P.O. Box 28147, San Antonio, Texas 78284. An Equal Opportunity/Affirmative Action Employer. POSTDOCTORAL RESEARCH BIOCHEMIST:

POSITIONS OPEN

POSTDOCTORAL POSITION (Ph.D. required) available immediately for studies on physiology and anatomy of the mammalian spinal cord related to anatomy of the mammalian spinal cord related to trauma. Specific areas of research include electron microscopy, electrophysiology, and metabolic analysis of traumatized neuronal tissue. Send curriculum vitae and references to Dr. John S. Kauer, Department of Neurosurgery, Yale University School of Medicine, 333 Cedar Street, New Haven, Connecticut 06510. Yale University is an Affirmative Action/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 accepted of biochemistics. ground in the quantitative aspects of biochemistry, microbiology, or genetics. Applications from all qualified candidates are welcomed; minorities and women are encouraged to apply. Interested individ-uals should write: Chairman, Department of Medical Microbiology, College of Medicine, University of Cali-fornia, Irvine, Calif. 92717.

The DEPARTMENT OF PSYCHOLOGY at Indiana University, Bloomington, has three openings for new or recent Ph.D.'s. The positions are in devel-opmental, clinical, and physiological psychology. Applicants would be expected to teach at both the undergraduate and graduate levels and to carry out and supervise research. Applicants are requested to indicate prominently in their letters of application which of the positions they are seeking. Please send a curriculum vitae and a list of at least three references to: **Dr. Irving J. Saltzman, Chairman, Depart**ment of Psychology, Indiana University, Bloomington, Indiana 47401. Indiana University is an Equal Opportunity Employer.

RADIATION BIOLOGIST to work in close association with clinical radiation therapists to head up an expanded research program. Experience in tissue culture and ability to develop outside research suport are essential. Salary open. Address inquiries, including résumé and references, to

Harold M. Swartz, M.D., Ph.D. Medical College of Wisconsin 8700 West Wisconsin Avenue Milwaukee, Wisconsin 53226 Equal Opportunity Employer

RESEARCH ASSOCIATE, BIOCHEMIST. Seeking individuals with interest in area of lipid transport, plasma lipoproteins, and mechanisms of lipoprotein lipase regulation. Experience in protein purification, enzymology desirable. Salary is dependent upon training and experience of individual. Send curriculum vitae and names of two references to: Dr. André Bensadoun, Division of Nutritional Sciences, Cornell University, Ithaca, N.Y. 14853. Cornell is an Equal Opportunity Employer.

TUMOR VIROLOGIST

Research position available for RNA tumor virologist. Primary appointment will be as an assistant member in the Fred Hutchinson Cancer Research Center, with a joint appointment as a research assistant professor in the Department of Microbiology, University of Washington. Applicants should have postdoctoral experience in the area of tumor virology. Applicants should send curriculum vitae, a summary of research interests, and three references to: Dr. R. Nowinski, Fred Hutchinson Cancer Research Center, 1124 Columbia Street, Seattle, Washington 98104. An Equal Opportunity/Affirmative Action Employer.

WEED SCIENTIST—VEGETABLE CROPS

Assistant professor to conduct field, laboratory and greenhouse research relating to control of weeds in vegetable crops. Opportunity for undergraduate teaching in weed science. Ph.D. required with course work in weed science, physiology, and applied courses in vegetable crop production. Available immediately. Submit curriculum vitae and three letters of reference to:

Dr. Donald N. Riemer Department of Soils and Crops P.O. Box 231 Rutgers University New Brunswick, N.J. 08903

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POSITIONS OPEN

PRE- AND POSTDOCTORAL POSITIONS are available for studies on the protein synthesizing system with special emphasis on ribosomes—topography. biogenesis, and function—under various conditions of growth and development. Teaching opportunities available. Reply with résumé to: **Professor Bruce H.** Sells, Laboratories of Molecular Biology, Faculty of Medicine, Memorial University of Newfoundland, St. John's, Newfoundland, Canada A1C 5S7.

RESEARCH ASSOCIATE MEDICINE

Strong background in public health (epidemiology and biostatistics). To develop interviewing protocols; computer analysis; utilization of SPSS computer format; personnel supervision; and ability to write reports. Immediate opening. Send résumé to Box 24Z, Waterman Building, University of Vermont, Burlington, Vermont 05401. An Affirmative Action Employer

FELLOWSHIPS

Opportunities are available for postdoctorals and for graduate students who have completed at least 2 years of courses to receive research training in PSY-CHIATRIC EPIDEMIOLOGY. Students from the fields of public health, the social sciences, and medi-cine are eligible. The program consists of courses in cine are eligible. The program consists of courses in statistics, research methodology, clinical psychiatric experience, field placements in ongoing research projects, and faculty/student seminars integrating clinical and research training. Training programs may be tailored to meet the individual needs. Awards in clude tuition and stipends for predoctorals at \$3,900 and for postdoctorals at \$12,200 to \$14,000. Please call or write: Frederick S. Mendelsohn, M.D., Training Director Brachisto, Expediatelogy. ing Director, Psychiatric Epidemiology Training Program, Department of Psychiatry, College of Physicians and Surgeons, Columbia University, Tower 3-20E, 100 Haven Avenue, New York, N.Y. 10032, Telephone: 212-795-0435.

BIOGEOCHEMIST-ECOLOGIST

CALIFORNIA INSTITUTE OF TECHNOLOGY invites applications for a postdoctoral research fellow-ship available in the field of biogeochemistry. Back-ground experience in chemistry and zoology re-quired. Research deals with occurrences of trace

metals in subalpine ecosystem.

Research fellowships in geology, general geochemistry, geophysics, geobiology, and planetary science are also available from time to time.

Interested persons are asked to contact the Chair-

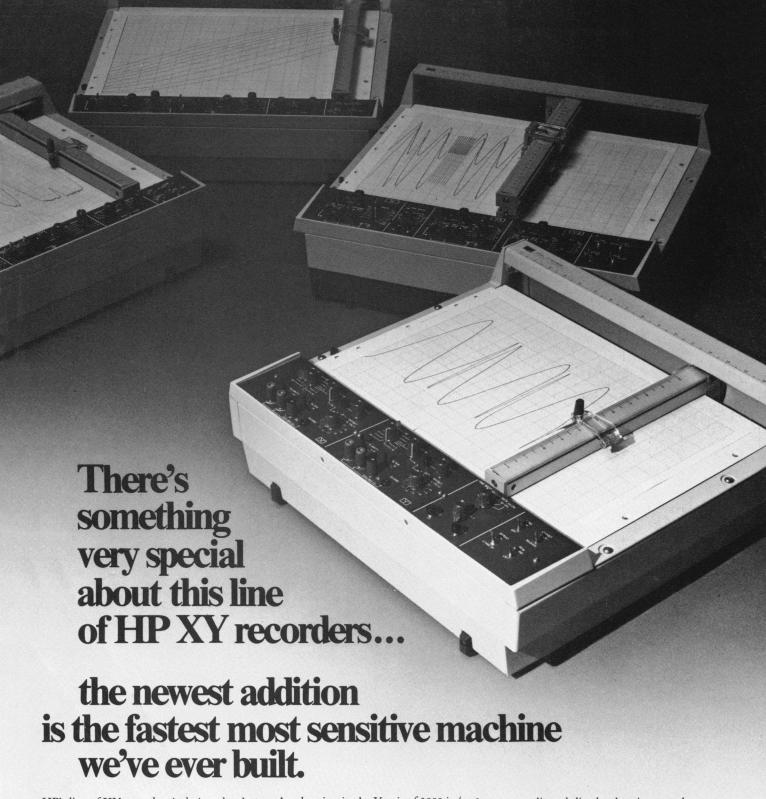
man, Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, California 91125.

MARKET PLACE

FOR SALE: Used electron microscope Hitachi 11C, complete. Excellent condition (in present use) and under continuous service. For details contact: Dr. L. L. Ross, Medical College of Pennsyl-Philadelphia, Pennsylvania vania. 19129. Telephone: 215-842-7032.



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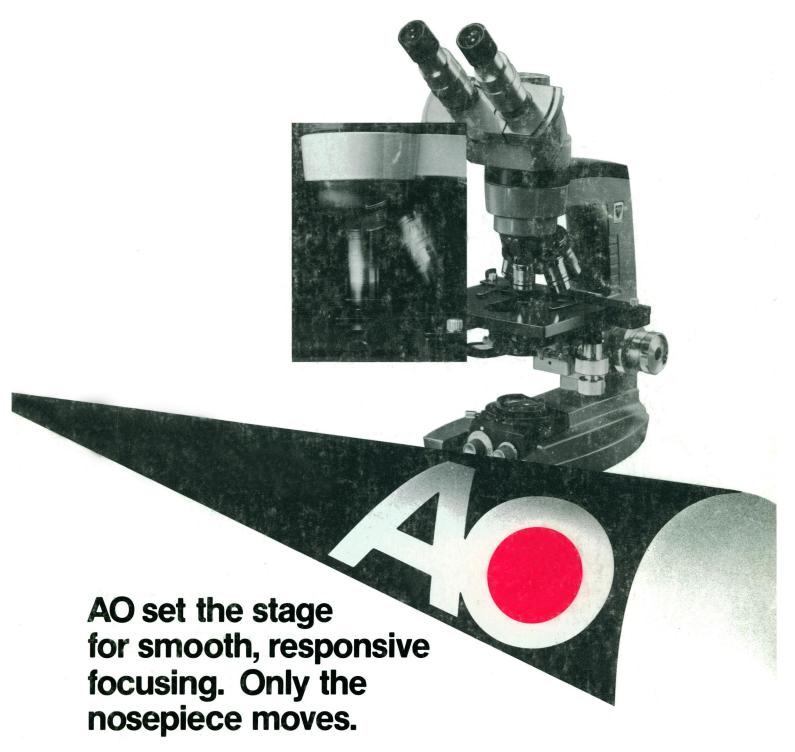
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