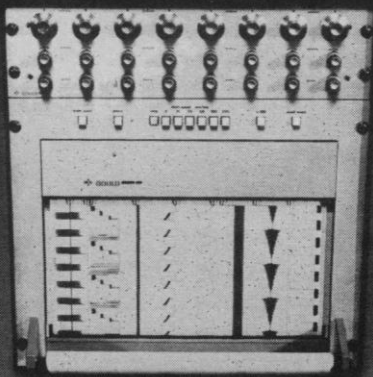


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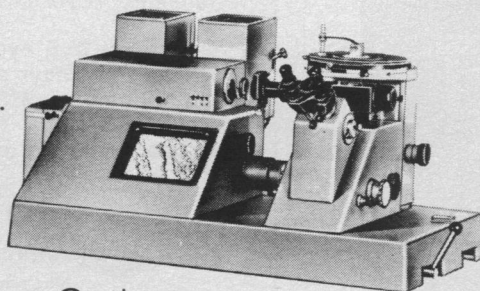
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Made by the world-renowned JENA optical works, this large, incident-light, inverted type camera microscope has high quality plane field parafocalized objectives for bright-field, dark-field and oblique light observation. Accessories are available for examination in phase contrast, qualitative and quantitative polarized light, as well as by various interference systems. The instrument is also designed for macro-observation and photography, microhardness testing, etc. The conveniently operated integral photographic system for 5" x 7" sheet film or 4" x 5" Polaroid camera has automatic exposure control and permits focusing on the screen or by viewing through the binocular observation tube. Illumination by the Koehler principle with two spectrally different light sources; 100 W Halogen and XBO 101 Xenon. The total magnification range extends from 50x to 2000x with built in magnification changer (ratio 8 to 20x).

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Circle No. 610 on Reader Service Card

Who killed the macromolecule?

(It wasn't the butler.)

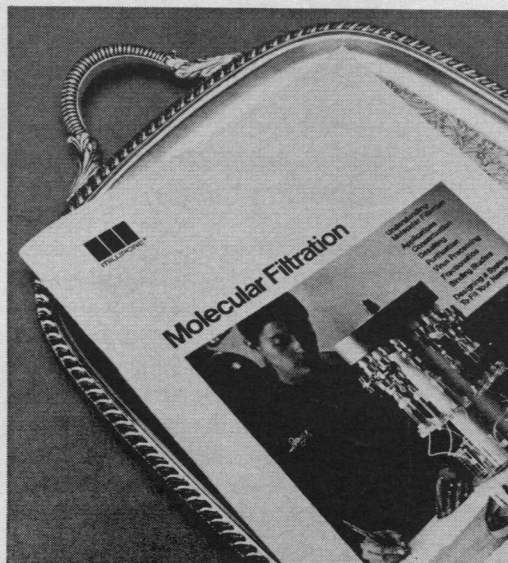
If you're concentrating molecules, purifying, or fractionating, you won't be able to put this 80-page book down. It tells you how to use Millipore molecular filtration to process enzymes, nucleic acids, and viruses with little or no loss of activity.

Molecular filtration is gentle. It is also faster, simpler, and less expensive than the usual techniques. And you can scale the process to handle large or small volumes with a range of Millipore products.

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It is requested that only those employers who will not discriminate on the basis of race, sex, religion, color, or national origin submit positions open advertising.

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COPY for ads must reach **SCIENCE** 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

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

Replies to blind ads should be addressed as follows:

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

POSITIONS WANTED

Biologist. Ph.D. 1973. Female. Qualified in ecology, parasitology, mammalogy, wildlife, general biology, environmental education. Publications, grants, teaching experience. Western United States. Box 461, **SCIENCE**. X

Botanical Illustration. Nonvascular and vascular. L. H. Pye, 950 Ninth Street, Boulder, Colorado 80302. X

Editing, manuscript preparation, indexing, abstracting by Yale M.A., former medical journal copy editor, English teacher. Box 462, **SCIENCE**, 10/18, 25

Membrane Physiology/Biophysics. Ph.D. 1965. Postdoctorals here and abroad; presently on medical school faculty. Research: active transport and excitation (nerve and muscle). Also interested in junctional physiology. Publications in well-reviewed journals. Desire faculty position permitting continuing research and teaching. Some preference for Northeast, but consider particular departmental ambience of greater importance. Box 450, **SCIENCE**. 11/1

Molecular Biology/Biochemistry. Ph.D. with successful background of teaching, research, management and administration. Seeks a challenging, responsible position. Box 426, **SCIENCE**, 11/15, 12/20

Natural Product Chemist. Ph.D. 1972. Experienced in chromatographic separation, spectral methods, pharmaceutical analysis, alkaloid biosynthesis, heterocyclic and radiochemical syntheses. Industry preferred. Box 463, **SCIENCE**. X

Oncologist. Ph.D. (1968). Experienced in environmental and basic oncogenesis desires faculty position to develop research program in chemical and physical carcinogenesis of mammalian tissues. Prefer medical or academic position in eastern United States. Reply to Box 464, **SCIENCE**. X

Parasitologist/Entomologist/Tissue Culturist seeks academic/industrial position. Research in blood parasites and vectors. Experienced in establishing cell lines, college teaching, and chemical analysis. Publications. Box 465, **SCIENCE**. X

Technical Industrial/Research position desired by individual with B.S. in physiology, mathematics minor. Write Lloyd G. Meyer, 1702 S. 7th Avenue, Sioux Falls, South Dakota 57105. X

Toxicologist/Pesticides Chemist/Entomologist seeks academic, governmental, or industrial position. Female. Ph.D. 1968. French, Arabic. Box 466, **SCIENCE**. X

SCIENCE, VOL. 186

POSITIONS OPEN

MEMORIAL UNIVERSITY OF NEWFOUNDLAND FACULTY OF MEDICINE ANIMAL VIROLOGIST

Applications are invited from animal virologists for a position in the Division of Cell Sciences. Preference will be given to individuals whose research interests are in the area of growth regulation or biological control. Teaching responsibilities in courses in Molecular Genetics and/or Microbiology. Rank open. Please send curriculum vitae and names of three referees to: **B. H. Sells, Faculty of Medicine, Memorial University of Newfoundland, St. John's, Newfoundland, Canada.**

ASSISTANT VICE CHANCELLOR FOR RESEARCH AND DIRECTOR OF THE OFFICE OF CONTRACTS AND GRANTS

University of Colorado at Boulder

Duties: Responsible for the administration and operation of the Office of Contracts and Grants, the submission of proposal for the support of research and training programs, negotiations of the conditions of acceptance of awards, and such other duties as may be assigned. Serve as liaison with granting agencies, have knowledge of research funding opportunities open to university faculty, and help foster and coordinate interdisciplinary and interinstitutional research efforts.

Reports to: Vice Chancellor for Research and Dean of the Graduate School.

Salary: Open.

Qualifications desired: Significant administrative experience, earned doctorate, knowledge of research and research funding, accounting principles, and basic principles of contract law highly desirable.

Nominations and applications should be addressed in writing no later than 6 November 1974, to:

**Search Committee
Assistant Vice Chancellor for Research
Graduate School
University of Colorado
Boulder, Colorado 80302
The University of Colorado
is an equal opportunity employer**

RENSSELAER POLYTECHNIC INSTITUTE DEPARTMENT OF BIOLOGY

Junior faculty position as Assistant Professor in Developmental Cell Biology to begin in January, June, or September 1975. Teaching responsibility is to be chiefly embryology and a graduate course of one's own choice. Participation in elementary biology and senior projects laboratory courses is also expected. Applicants must demonstrate research achievement and a current ongoing research program. Salary \$12,500 for 9 months; 6-week summer session course in embryology will provide additional 2/9 of salary. Send curriculum vitae and forward three letters of recommendation to: **Dr. Joseph V. Landau, Chairman, Department of Biology, Rensselaer Polytechnic Institute, Troy, New York 12181. Equal Opportunity Employer.**

CARDIOVASCULAR RESEARCHER

Assistant Professor in biomedical engineering of circulation. Involves collaborative and independent research in established lab group. Competency in cardiovascular physiology, especially in dynamics of papillary muscle contraction and ventricular P-V relation required. Experience in computer data analysis, modeling and electronic circuits necessary. Send résumé to **Dr. K. Sagawa, Department of Biomedical Engineering, Johns Hopkins Medical School, Baltimore, Md. 21205.**

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ENTOMOLOGIST

Two faculty positions: (i) Conduct an extension program in tobacco insect pest management. (ii) Conduct extension and research program in agriculture and in crop pollination enhancement, respectively. Ph.D. required. Rank of Assistant Professor. Send curriculum vitae, bibliography, and names of three references to: **Head, Department of Entomology, North Carolina State University, Raleigh, N.C. 27607. Affirmative Action/Equal Opportunity Employer.**

POSITIONS OPEN

ASSOCIATE RESEARCH SCIENTIST-Ph.D. to work with active neurobiology research group. Background in cell biology or related field. Faculty appointment possible. Please send curriculum vitae to: **Miss M. Kerans, Personnel Department, New York University Medical Center, 587 First Avenue, New York, N.Y. 10016.**

An Equal Opportunity Employer M/F

SCARBOROUGH COLLEGE, UNIVERSITY OF TORONTO CHAIRMAN—LIFE SCIENCE

Applications are invited for the position of Chairman of the Life Science Group at Scarborough College, University of Toronto, effective 1 July 1975. The Life Science Group is made up of about 25 faculty in Biochemistry, Botany, Psychology, and Zoology. Applicants should have established reputations in scholarship in any of these fields, and be eligible for full professorship rank at the University of Toronto. A letter of application together with a detailed curriculum vitae and the names of three persons who have agreed to act as referees should be directed to: **Principal D. R. Campbell, Scarborough College, University of Toronto, 1265 Military Trail, West Hill, Ontario, Canada, not later than 1 January 1975.**

CSIRO DIVISION OF BUILDING RESEARCH FOREST PRODUCTS LABORATORY SOUTH MELBOURNE, VIC. MICROBIOLOGIST/BIOCHEMIST

CSIRO has a broad charter for research into primary and secondary industry areas. The Organization has approximately 6,500 employees—2,100 of whom are research and professional scientists—located in Divisions and Sections throughout Australia.

Field: Biodegradation of wood and other materials.

General: The Division has a total staff in excess of 300 including some 150 professional scientists. It undertakes research in a number of areas including those directed towards the supply, design, and utilization of building materials.

Duties: To cooperate with the Division's multidisciplinary Conservation and Biodegradation Group in conducting research at both fundamental and applied levels into the biodegradation of wood and other structural materials by fungi, bacteria, insects, and marine organisms and develop chemicals and other means of control. This includes the physiology and ecology of microbial and insect biodegraders, their mechanisms of degradation, and the mechanism of operation of control measures. Initially urgent projects will be aimed at arresting fungal and bacterial degradation of wood and particularly in the development of new rapid methods.

Qualifications: A Ph.D. degree in biology, agricultural science, or biochemistry or equivalent qualifications and proven research ability.

Salary: The appointment will be made within the salary ranges of Research Scientist or Senior Research Scientist \$10,448 to \$15,456 per annum.

Tenure: This position is available for an indefinite period and Australian Government Superannuation benefits are available.

Applications stating full personal and professional details, the names of at least two referees and quoting reference number 390/535 should reach:

**The Assistant Chief,
Division of Building Research, CSIRO,
Forest Products Laboratory,
P.O. Box 310,
South Melbourne, VIC. 3205
AUSTRALIA**

by 27 October 1974.

JUNIOR FACULTY POSITION—PATHOLOGY

A University of Washington position is available at the Instructor or Assistant Professor level in the Department of Pathology. We seek someone interested in teaching medical students general and systemic pathology and working closely with a senior staff person to develop this presentation, not only in Seattle but in our WAMI sites in Alaska, Montana, and Idaho. In addition, this person will also be able to develop their background in neoplasia or liver disease by initiating their own work or by collaborating in ongoing investigation. Send letters of inquiry and curriculum vitae to **Dr. Edward A. Smuckler, Department of Pathology, University of Washington, Seattle, Washington 98195.**

An Equal Opportunity—Affirmative Action Employer

POSITIONS OPEN

CHAIRMAN DEPARTMENT OF BIOCHEMISTRY UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

Applications are invited for the position of Chairman, Department of Biochemistry. We are seeking candidates who will be challenged by the opportunity to build a large department and to expand the graduate program in biochemistry.

The University of Colorado is an affirmative action/equal opportunity employer and is interested in recruiting female and minority faculty.

Please send nominations or curriculum vitae to: **Fred Kern, Jr., M.D., Professor of Medicine, Head, Division of Gastroenterology, Chairman, Biochemistry Search Committee, University of Colorado Medical Center, 4200 East Ninth Avenue, Denver, Colo. 80220.**

CHAIRMAN, DEPARTMENT OF BIOLOGY UNIVERSITY OF NEW MEXICO

The Department of Biology at the University of New Mexico has resumed the search, initiated last spring, for a chairperson. New applicants wishing to be considered for the position must send their credentials no later than 1 November to **Dr. Clifford S. Crawford, Acting Chairman, Department of Biology, University of New Mexico, Albuquerque, New Mexico 87131. An equal opportunity employer.**

CHAIRMAN, DEPARTMENT OF FAMILY PRACTICE

The University of Nebraska College of Medicine is seeking a chairman for an established Department of Family Practice with active resident and undergraduate teaching programs. Send curriculum vitae to **Office of the Dean, University of Nebraska College of Medicine, Omaha, Nebraska 68105. The University of Nebraska is an equal opportunity employer.**

ENVIRONMENTAL CONSULTANTS

An Environmental Hazard Evaluation Project will examine specific toxic substances and their effect on health. Most studies will be epidemiological investigations of human populations. Interested scientist with current research and/or clinical experience in the above areas are asked to submit résumés to: **Environmental Hazard Project, American Public Health Association, 1015 18th Street, NW, Washington, D.C. 20036.** Applicants will be selected according to consultant requests and matching qualifications.

FACULTY POSITION available for applied thermodynamicist. Responsibilities include undergraduate and graduate teaching in thermodynamics as applied to energy conversion systems. Development independent research activities expected. Doctoral required. Rank and salary dependent on experience and credentials. Position available immediately or beginning fall 1975. Submit résumés to **Harold A. Simon, Energy Engineering Department, University of Illinois at Chicago Circle, Box 4348, Chicago, Illinois 60680. An Equal Opportunity Employer.**

RESEARCH ASSOCIATE

Research Associate to study biochemical aspects of uterine contraction. Stipend \$10,000 per year. Immediate opening. Send curriculum vitae to

**M. S. Soloff, Ph.D.
Department of Biochemistry
Medical College of Ohio
Toledo, Ohio 43614**

RESEARCH ASSISTANTS

Positions in Reproductive Biology, Endocrine Biology, Neurobiology and Molecular/Cell Biology are periodically available at the Worcester Foundation for Experimental Biology, Inc. Positions are competitive; rank and salary commensurate with qualification and experience; ample fringe benefits. Interested individuals having either a Bachelor's or Master's degree in Biology, Biochemistry, Biophysics, or in other related fields should send résumé, complete academic transcript, and three letters of reference from individuals in a position to critically evaluate their scientific potentials to: **Dr. Ashton Gibbons, Ph.D., Director of Personnel, Worcester Foundation for Experimental Biology, 222 Maple Avenue, Shrewsbury, Massachusetts 01545. An Equal Opportunity/Affirmative Action Employer.**

SYNECOLOGIST

Assistant or Associate Professor for 1 September 1975. Interests in insular and tropical synecology. Emphasis in research and graduate instruction. Send résumé and names of three referees by 30 November to **Dr. N. P. Kefford, Chairman, Department of Botany, 3190 Maile Way, University of Hawaii at Manoa, Honolulu, Hawaii 96822. UHM is an Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

Economists, Engineers, Public Policy Researchers, Scientists, Systems Analysts M.S., Ph.D. or equivalent experience

The Energy and Environmental Systems Division of Argonne National Laboratory, under the sponsorship of Federal and state agencies, works in conjunction with other Argonne Divisions to conduct interdisciplinary, mission-oriented, applied research related to assessments of energy, land use, transportation and environmental protection policies and programs. New appointments are now available in the following areas:

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Send detailed résumé to:

**Mr. Ron Johns,
ARGONNE NATIONAL
LABORATORY**
9700 South Cass Ave.
Argonne, Illinois 60439
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FACULTY POSITION

Applications are invited for a faculty appointment in the Department of Medical Microbiology, College of Medicine, at the assistant professor level. Responsibilities include teaching medical virology, immunology or the properties and control of infectious agents for graduate and medical students. Research may be in areas other than those represented by the teaching assignment, but should be fundamental biochemical or genetic studies in areas of immunology or microbiology with medical orientation. Applicants with substantial training or research experience in several areas of biochemistry and microbiology are preferred. Postdoctoral experience is required. Candidates would be expected to develop a strong research program. Applications from women and minority group candidates are encouraged. Send curriculum vitae and references to:

Dr. Paul S. Sypherd
Department of Medical Microbiology
College of Medicine
University of California, Irvine
Irvine, Calif. 92664

GROUP LEADER PLANETARY OPTICAL ASTRONOMY

Lead observational programs and supportive research efforts of a JPL section concerned with optical, infrared, and radio astronomy, studies of the earth's atmosphere, and experiments on unmanned spacecraft missions to various bodies of the solar system. Report on the group's scientific activities and manage its budget.

Ph.D. in Astronomy and 5 years' experience in observational astronomy.

Send résumé in confidence to

**Professional Employment
Department 518
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena, Calif 91103**

POSITIONS OPEN

PROFESSOR AND CHAIRPERSON, DEPARTMENT OF BIOCHEMISTRY

The University of Washington School of Medicine is seeking qualified candidates for the position of Professor and Chairperson of Biochemistry. Applicants should have an outstanding record of research accomplishments as well as extensive teaching experience. He or she must be capable of assuming major administrative and leadership responsibilities.

The Department of Biochemistry has a distinguished record in research, and undergraduate, medical and graduate education, and has a strong faculty.

Applicants should submit their curriculum vitae, bibliographies, and the names of three potential references to:

Robert G. Petersdorf, M.D.
Chairman, Biochemistry Search Committee
Department of Medicine RG-20
University of Washington School of Medicine
Seattle, Washington 98195

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HUMAN CYTOGENETICIST

The Division of Medical Genetics at UCLA-Harbor General Hospital is seeking applications for a Ph.D. with experience in human cytogenetics to direct a clinical cytogenetics lab, participate in genetics training program and perform independent research. Assistant Professor level. Apply to **Dr. Rimoin, Harbor General Hospital, 1000 W. Carson, Torrance, Calif. 90509.**

JUNIOR AND SENIOR FACULTY POSITION IN BIOCHEMISTRY open for educators with research and teaching interest and experience in molecular biology of animal viruses, growth control of cell cultures, biochemistry of mammalian cell membranes, and somatic cell genetics. Rank and salary commensurate with qualifications and experience. Send curriculum vitae, résumé and list of publications to **Search Committee, Department of Biochemistry, University of Florida, Box 724, JHMC, Gainesville, Florida 32610.**

PLANT CELL GENETICIST. Brookhaven National Laboratory, located on Long Island about 65 miles east of New York City, seeks Plant Cell Geneticist with Ph.D. or equivalent, with strong training in molecular biology, commitment to genetic research and experience in cell culture of higher plants. Full-time research position, level of appointment open. Send curriculum vitae and reprints of recently published papers, and the names of three professional references to: **Dr. Jack Van't Hof, Search Committee Chairman, Biology Department, Brookhaven National Laboratory, Associated Universities Inc., Upton, N.Y. 11973.** An Equal Opportunity Employer M/F.

PLANT PHYSIOLOGIST AND ECOLOGIST Ph.D. To replace a staff member on leave. Starting 1 February 1975. Send curriculum vitae and a list of three references to: **Dr. Miriam F. Bennett, Department of Biology, Colby College, Waterville, Maine. Colby College is an equal opportunity employer.**

POSTDOCTORAL POSITIONS

Institutional fellowship training awards for the study of the structure and function of the mammalian cell membrane and its relation to biological control. Positions available in laboratories directed by **N. D. Goldberg, R. E. Barnett, R. J. Desnick, R. D. Estensen, R. G. Johnson, J. H. Kersey, P. G. W. Plagemann, R. E. Scott, J. R. Sheppard, and J. D. Sheridan** who are involved in collaborative studies related to cyclic nucleotides, ion and nutrient transport, fine structure and physical characteristics of membranes, membrane glycoproteins, glycolipids, enzymes and receptors. Available now for 1 or 2 years. \$10,000 to \$11,500. Send curriculum vitae and two letters of reference to **Dr. N. D. Goldberg, Department of Pharmacology, University of Minnesota, Minneapolis, Minnesota 55455.**

POSITIONS OPEN

POSTDOCTORAL POSITION

Position available in January 1975 for person trained in biochemistry to work on normal and pathological metabolism of liver lysosomes. Involves studies on lysosomes, plasma membranes, glycoprotein degradation, and hydrolytic enzymes. Available for 1 to 3 years. Salary \$8000. Send résumé and names of two references to: **Dr. Nathan N. Aronson, Jr., Department of Biochemistry, Althouse Laboratory, The Pennsylvania State University, University Park, Pa. 16802.**

POSTDOCTORAL RESEARCH IN BIOCHEMISTRY

Applications are invited for a postdoctoral research post in biochemistry to study pyrimidine biosynthesis and its regulation in normal and neoplastic tissues. Preference given to applicants with research experience in the biosynthesis or metabolism of nucleotides. Position available immediately. Starting salary \$8500. Send inquiries with résumé to: **Dr. George C. Tremblay, Department of Biochemistry, Morrill Hall, University of Rhode Island, Kingston 02881.** An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL RESEARCH POSITION

Position available for individual with training in neuroendocrinology to study hypothalamic regulation of gonadotrophins; maturation of hypothalamo-hypophysial-ovarian axis. Radioimmunoassay experience desirable but not essential. Send curriculum vitae and references to: **Professor E. S. E. Hafez, Gynecology-Obstetrics and Reproductive Physiology, Medical Research Building, 550 East Canfield, Detroit, Michigan 48201.**

POSTDOCTORAL RESEARCH

Postdoctoral Research: Recent Ph.D. in pharmacology or in biochemistry to work on developmental aspects of cyclic nucleotides. Available immediately. Send curriculum vitae to **Dr. R. D. Green, Department of Pharmacology, University of Illinois at the Medical Center, P.O. 6998, Chicago, Illinois 60680.**

POSTDOCTORAL RESEARCH POSITION

Postdoctoral position available immediately for Ph.D. to investigate palate, shelf rotation during mouse development and cleft palate and the role of embryonic contractile proteins in these processes. Experience in electron microscopy and/or tissue culture is desirable. Stipend commensurate with qualifications. Send curriculum vitae and references to: **Dr. Ernest F. Zimmerman, Director of Fetal Pharmacology, Children's Hospital Research Foundation, Cincinnati, Ohio 45229.**

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Project Director, Ph.D. or M.D. only. Human service system R & D, small company, projects and offices nationwide. Prefer experience in science or engineering background. Salary open. Raleigh, North Carolina. *An Equal Opportunity Employer.*

Box 467, SCIENCE

MEMORIAL UNIVERSITY OF NEWFOUNDLAND FACULTY OF MEDICINE

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.**

RESEARCH ASSOCIATE. Organic chemist to develop procedures for the labeling of sugars with carbon-14 and short-lived radiohalogens for use in metabolic studies. Experience in carbohydrate synthesis desirable. Experience in radiolabeling desirable but not necessary. Send résumé and names of three references to: **Dr. A. P. Wolf, Chemistry Department, Brookhaven National Laboratory, Associated Universities Inc., Upton N.Y. 11973.** An Equal Opportunity Employer M/F.

CLINICAL INFORMATION SCIENTIST

Due to continued growth and expansion, we presently have a vacancy in our pharmaceuticals group for a Clinical Information Scientist. Duties will include working as an integral part of a clinical research team being responsible for awareness, analysis and dissemination of new drug information and retrospective literature searches.

Ideal candidates will have an M.S. in one of the Biomedical Sciences and a minimum of 1-2 years experience as an Information Scientist in a pharmaceutical research group. B.S. degree candidates with strong experience will be considered.

We offer an excellent salary and benefits package, convenient suburban location and a highly professional environment with exciting short-term growth prospects. Reply in complete confidence, including salary requirements to: J. B. McEntire, Professional Employment, ICI UNITED STATES, INC., Wilmington, DE 19899.



ICI United States Inc.

An Equal Opportunity Employer m/f

Microbial Physiologist

An unusual opportunity is available to join an expanding team of research scientists in the Fermentation R & D Department of Pfizer Central Research.

A strong background in microbial physiology is required with preference to those with 2-5 years of industrial experience in fermentation research. The position will address challenging problems related to accumulation of antibiotics and other useful chemicals.

Excellent employee benefits are associated with this position which allows one to work and live in an attractive Connecticut shore location. Please send résumé to: **Mr. L. H. Bentley, Pfizer Central Research, Eastern Point Road, Groton, Connecticut 06340.**



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Cambridge University Press SCIENCE ACQUISITION EDITOR

The Press requires an acquisitions editor with the ability to expand profitably an important science list, covering the entire range from undergraduate textbooks to research monographs. This person will be expected to acquire manuscripts within the Press' overall editorial policy; to make and maintain contact with scientists in university departments and elsewhere; to establish good relationships with existing and potential authors; to brief production and marketing departments about new books; and to maintain the profitability of the backlist. Qualities required are initiative, judgment and flair, administrative skill, a professional interest in the sciences, a sense of their likely development, and the ability to define and exploit publishing opportunities, especially in course-related textbooks. Travel, at home and abroad, is part of the job.

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☐ \$60 Airlift to Europe, North Africa, Near East

- ☐ Payment enclosed ☐ Bill me later

Name Please print

Address

City State Zip MJ10

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POSITIONS OPEN

PROFESSOR IN BIOLOGY ODENSE UNIVERSITY, DENMARK

Referring to former advertisements in 13 September (page 982) and 20 September (page 1086), applications should be sent not later than 1 November 1974.

UNIVERSITY OF SOUTH CAROLINA NEW SCHOOL OF PUBLIC HEALTH

Senior and other faculty positions available for new programs in Epidemiology and Biostatistics, Public Health Administration and Education, Public Health Nursing and Environmental Issues. The programs stress field practice and research focused on pressing issues, and are developing in close collaboration with public health services in South Carolina as well as with many parts of the University.

A new Medical School is also starting. The University of South Carolina is an equal opportunity/affirmative action employer.

Please contact Dr. Rolf P. Lynton, Dean, School of Public Health and Associate Health Programs, University of South Carolina, Columbia, South Carolina 29208.

RESEARCH ASSOCIATE

Mechanisms of action of PTH, particularly with regard to skeletal blood flow. Ph.D. or equivalent in physiology, nutrition or pharmacology and experience with animal surgery and isotope studies required. Salary \$9800. Apply with curriculum vitae and names of three references to: Dr. W. J. Mueller, Department of Poultry Science, 206 Animal Industries Building, The Pennsylvania State University, University Park, PA 16802.

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RESEARCH ASSOCIATE IN PHARMACOLOGY

Recent graduate with Ph.D. and experience in pharmacology and toxicology or in biochemistry required for program dealing with interaction of drugs of abuse. Salary negotiable depending on experience. Send curriculum vitae and three letters of reference to: Robert Blais, College of Pharmacy and Allied Health Professions, Wayne State University, Detroit, Michigan 48202.

Research Associate or Postdoctoral Fellow is sought for a recently funded study on Comparative Ocular Pharmacology-Toxicology. The study deals with methods for evaluation and mechanisms of toxicity of therapeutic agents in animal eyes. Attempts will be made to develop several model systems. The initial appointment will be for 2 years. Persons with experience in ocular physiology, ocular toxicology, and the pharmacology of corticosteroids and phenothiazine-based tranquilizers would be particularly attractive. Interested persons should submit a résumé and references to: John A. Shaddock, D.V.M., Ph.D., Department of Pathology, University of Texas Health Science Center at Dallas, 5323 Harry Hines Blvd., Dallas, Texas 75235. Telephone 214/631-3220 Ext. 593. We are an Equal Opportunity Employer.

RESEARCH SCIENTIST

Research position available for a Ph.D. with strong interest and/or background in long-term animal toxicity or carcinogenicity studies.

Will participate in planning, execution and reporting of experimental results as part of an ongoing research program.

Please send résumé and salary requirements in complete confidence to: J. A. Feske, IIT Research Institute, 10 West 35th Street, Chicago, Illinois 60616.

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SECTION HEAD PHARMACOLOGIST

A challenging position is available to head a section in our Radiopharmaceutical Division's R & D Department. A Ph.D. in Pharmacology plus a strong background in biochemistry is required, with at least 3 years of experience.

The mission of the group would be the development of in vivo radiolabeled diagnostic agents. Training and/or experience in radiochemistry would be desirable. Aside from the above mentioned, individual should possess administrative and leadership skills. This is a dynamic and growth-oriented situation within one of the nation's leading producers of radiochemicals and will offer an exceptional compensation package including total relocation expenses. This position is located conveniently in suburban Boston. Interested and qualified candidates are encouraged to submit, in complete confidence, a cover letter, salary history, and two copies of their résumé to John R. Chabot, Employment Manager, New England Nuclear Corporation, 575 Albany Street, Boston, Mass. 02118.

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POSITIONS OPEN

RADIOBIOLOGIST

Ph.D. with active research interest in Oncogenesis and/or Radiotherapy. Well-qualified individuals should submit curriculum vitae immediately. Rank dependent upon experience and productivity. Chairman, Department of Radiology, Wayne State University School of Medicine, Detroit, Michigan 48202. An equal opportunity employer.

SENIOR BIOCHEMIST EXPERIENCED IN BASIC and clinical research. Sought by surgical department carrying out broadly based metabolic studies in critically ill patients. Applications accepted through 30 October 1974. Box 483, SCIENCE.

TERRESTRIAL ECOLOGIST

Ph.D. in Terrestrial Plant Ecology with more than 2 years of postdoctoral experience to direct research program on impact of fossil fuel utilization upon terrestrial ecosystems. Send résumé to Mr. Ronald A. Johns, Professional Placement Department, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, Illinois 60439.

An equal opportunity employer, male/female

TOXICOLOGIST

We are seeking candidates with 3 to 5 years of experience in the field of Toxicology, preferably in the food or industrial chemical industry, to offer our toxicological and allied services. Will interface with clients, design protocols, oversee laboratory effort, and prepare reports. Position is located in northern New Jersey. Send résumé with salary requirements to Dr. H. Schwartz, Food and Drug Research Laboratories, 60 Evergreen Place, East Orange, N.J. 07018.

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WATER CHEMISTRY RESEARCH

Ph.D. chemist or limnologist with strong analytical and instrumental background is invited to join an ongoing program of Great Lakes research. Work involves direct supervision of trained technicians using an autoanalyzer/computer system and instrumentation for low-level nutrient, organic, and metal analysis. Position affords unique opportunities for independent research, field studies, and professional contacts through related EPA programs. Modern facilities are provided in the EPA Water Quality Research Laboratory, Grosse Ile, Michigan. Applicants with experience or interest in interpreting water quality data are preferred. Benefits are excellent. Salary is negotiable. Send résumé and references to Dr. V. Elliott Smith, Cranbrook Institute of Science, Bloomfield Hills, Michigan 48013.

COURSES

THE SPECTROSCOPY OF THE EXCITED STATE

A NATO Advanced Study Institute, 9 to 24 June 1975, Erice, Italy. For information write to: Professor B. Di Bartolo, Department of Physics, Boston College, Chestnut Hill, Mass. 02167.

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIPS: M.D. or Ph.D. (American citizenship required). Programs in mechanisms of sex hormone action, regulation of ketogenesis and lipogenesis, control of cholesterol synthesis, lipoprotein metabolism, and genetic aspects of lipid disorders. Stipend \$10,000 to \$13,200 depending on experience. Address inquiries and curriculum vitae to Dr. D. W. Foster, Department of Internal Medicine, The University of Texas Health Science Center at Dallas, Dallas, Texas 75235. An Equal Opportunity Employer.

POSTDOCTORAL RESEARCH FELLOW. Postdoctoral position available immediately for a Ph.D. or M.D. to work on experimental carcinogenesis.

Applicants should have background in biochemistry or endocrinology. Stipend \$10,000 to \$12,000 per annum. Send detailed résumé and two letters of reference to Dr. Richard Moon, Life Sciences Research Division, IIT Research Institute, 10 West 35th Street, Chicago, Illinois 60616. An equal opportunity/affirmative action employer.

SYMPOSIUM

UNIVERSITY OF TEHRAN

announces an International Symposium to be held in Tehran on 5, 6, and 7 May 1975

sponsored by

The International Union of Biochemistry
and the International Union of
Pure and Applied Biophysics

on

THE STRUCTURAL BASIS OF MEMBRANE FUNCTION

with sessions on

Membrane Structure, Transport in Membranes, Energy Transduction in Membranes, Regulatory Functions of Membranes, Excitable Membranes, and Microsomal Membranes.

Information regarding symposium registration, hotel reservation, and sightseeing excursion on 8 and 9 May, and so forth may be obtained from

Dr. K. Javaherian
Post Office Box 14-1700
University of Tehran
Tehran, Iran

REQUESTS FOR PROPOSAL

TUMOR IMMUNOLOGY

The National Cancer Institute (NCI), National Institutes of Health, is interested in contracting for the following projects:

IMMUNODIAGNOSIS

Reference No. NCI-CB-53893-31—Detection of Circulating Antigen-Antibody Complexes in Cancer. RFP Available. Proposals due 7 January 1975.

Reference No. NCI-CB-53894-31—Role of Antibody-Dependent Cell-Mediated Cytotoxicity in Tumor Immunity. RFP Available. Proposals due 7 January 1975.

Reference No. NCI-CB-53895-31—Measurement of Antigens in Tissue Sections of Human Tumors. RFP Available. Proposals due 7 January 1975.

Reference No. NCI-CB-53896-31—Antibodies to Human Organ or Tissue Associated Antigens. RFP Available. Proposals due 7 January 1975.

Reference No. NCI-CB-53897-31—Development of Practical Techniques for the Separation and Isolation of Human Tumor Cells and/or Fetal Cells. RFP Available. Proposals due 7 January 1975.

Reference No. NCI-CB-53898-31—Search for New Human Tumor Associated Antigens in Carcinomas of the Bladder and Prostate. RFP Available. Proposals due 9 January 1975.

Reference No. NCI-CB-53899-31—Purification of Human Tumor Associated Antigens. RFP Available. Proposals due 9 January 1975.

Reference No. NCI-CB-53900-31—Isolation and Characterization of Human Peripheral Blood Monocytes. RFP Available. Proposals due 9 January 1975.

Reference No. NCI-CB-53901-31—Development and Evaluation of Macrophage Electrophoretic Mobility Assay for Malignant Disease. RFP Available. Proposals due 9 January 1975.

A request for proposal for each project listed above is available on or after 7 October 1974, by written request to Contracting Officer, DCBD, Research Contracts Branch, National Cancer Institute, Room C-437, Landow Building, National Institutes of Health, Bethesda, Maryland 20014. Request for RFP must cite the reference number(s) of the desired project(s) as shown above. Requests or inquiries must be in writing.

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