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# **Assistant Chief Scientist**

Determines methods and arranges coordination of research efforts between the Office of Naval Research, Naval Systems Command and in house laboratories. Serves as liaison regarding policy matters and as a member of various international and intergovernmental committees with full authority to commit the Office of Naval Research to a course of action. Reviews and appraises direction of ONR research and recommends changes and/or revisions based upon review. Requires a Ph.D. or equivalent and a professional reputation which will ensure his or her acceptance by the scientific community. Must have demonstrated ability to provide leadership to a major R&D organization. Salary: \$36,000 per annum.

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# POSITIONS WANTED

**Biochemistry** faculty position sought. Programs funded transferable. Cancer enzymologist. Box 297, SCIENCE. X

Clinical Microbiologist, Ph.D. Two years of intensive experience in bacteriology, mycobacteriology, mycology, parasitology, some serology. Seeks position with clinical laboratory committed to excellence. Box 298, SCIENCE,

## POSITIONS WANTED

Biochemist, 26, M.S. summer 1972. Interested in clinical and pharmaceutical chemistry. Physical biochemistry background with 2 years of clinical experience. Box 291, SCIENCE.

Microbial Fermentations, identification, production methodology. Tenured professor; 44; productive. Publications, grants, contracts. Desires research with management opportunity. \$25,000 required. Box 300, SCIENCE. Metabolite isolation, methodology. Tenured

Microbiologist/Biochemist, Ph.D. 1966. Research rateronologist/ Diocnemist, Ph.D. 1966. Research and teaching experience in microbiology and biochemistry. Desires postdoctorate research experience in virology or immunology in a department associated with a medical school, Box 301, SCIENCE.

Molecular Biologist/Botanist, Ph.D., teaching and research experience, wishes to teach biology, botany, plant morphology, plant physiology, molecular biology, or erlated fields. Box 302, SCI-ENCE.

Molecular Geneticist Ph.D., 15 years of teaching and research; director of biomedical-cancer oriented grants. Innumerable publications. Prefers medical schools. Box 303, SCIENCE.

Plant Biochemist/Virologist Ph.D., 7 years of post-doctoral experience in microbiology and virology, including oncogenetic viruses. Knowledgeable in all major biological fields. Numerous publications. Excellent teaching ability and references. Seeks teaching/research or industrial position. Box 304, SCIENCE.

Ph.D. (Physiology-Biophysics) 12 years' experience. Interests include: research, teaching, curriculum design, bioengineering and computer science. Desires academic industrial, foundation, or government position. Box 305, SCIENCE.

Psychologist, Ph.D., Human-experimental (learning, developmental, human ecology). Teaching, postdoctoral research, and medical writing experience. Publications. Seeking applied research or R&D. Box 306, SCIENCE.

Vertebrate Physiologist, Ph.D., 8 years of teaching/research experience, postdoctorate and sabbatical year. Wants full-time research or university with strong graduate faculty research program. Box 307, SCIENCE.

#### DIRECTOR OF HISTO-CYTOPATHOLOGY LAB

D.V.M.-Ph.D., or M.D. Pathologist wanted as co-investigator and experimental pathologist for a recently established, university-affiliated, Specialized Center of Research in Environmental Lung Disease. This position is immediately available and résumés should be addressed to Jack D. Hackney, M.D., Environmental Health Service, Rancho Los Amigos Hospital, Downey, Calif. 50242.

# SENIOR ELECTRON MICROSCOPY TECHNICIAN

Must be experienced in all phases of EM in-Must be experienced in all phases of EM Including instrument maintenance, tissue preparation, and independent microscopic analysis. Freeze-etch and other new techniques will also be used. Position requires initiative and capacity to develop with a varied research program. Department of Pathology, Yale University School of Medicine, New Haven, Connecticut 06510.

**BIO\_OGY** 

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Applications are invited for position as Assistant or Associate Professor, salary from \$9500 depending on qualifications and rank, effective 1 July 1973. Applicant must hold Ph.D. or equivalent, and have a strong botanical background. Duties involve teaching, with a demonstrated interest and ability in teaching a first-year course in Introductory Biology and in the undergraduate and graduate programme in the area of specialization; and research, with preference in one of the following fields: biosystematics, pepulation genetics, reproductive biology. Apply not later than 1 November 1972 with curriculum vitae and names of three persons who can provide letters of reference, to The Head, Department of Botany, University of British Columbia, Vancouver 8, B.C., Canada.

## CELL BIOLOGIST

An appointment as assistant professor in cell biology is available after September 1972. Special consideration will be given to women and members of minority groups. Send vita to Cell Biology Search Committee, Department of Biology, Washington University, St. Louis, Missouri 63130 ogy, V

Also to be appointed is an electron microscope technician. Send vita to **Professor Florence Moog** at the address above.

#### YORK UNIVERSITY

#### CHAIRMAN

#### DEPARTMENT OF BIOLOGY

Applications are invited for the position of Chairman, Department of Biology, Faculty of Science, the appointment to be effective 1 July 1973. The Department of Biology offers extensive study and research both undergraduate and biology. York's Faculty of Science is committed to interdisciplinary studies and the Department of Biology enjoys close cooperation with the full- and part-time programs in physics, chemistry, and natural science. Candidates are invited to send curriculum vitae and suggested referees to: Dean H. I. Schiff, Faculty of Science, Steacie Science Library, York University, 4700 Keele Street, Downsview, Ontario, Canada.

CLINICAL RESEARCH appointment available in East Coast university in September 1972 for Ph.D. trained in radioimmunoassay techniques with emphasis on gonadotrophins and prolactin. Laboratory and equipment available. Salary to be negotiated. Send curriculum vitae.

## Box 293, SCIENCE

#### UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE DEPARTMENT OF BIOLOGICAL SCIENCES

Invites applications for the following two permanent positions: GENETICIST (beginning September 1972) and VASCULAR PLANT ANATO-MIST (beginning September 1973). To participate in undergraduate and graduate teaching and research programs. High research potential desirable. Rank and salary open. Interested applicants please write or submit curriculum vitae with three letters of recommendation to: Dr. Stanley K. Shapiro, Acting Head, Department of Biological Sciences, University of Illinois at Chicago Circle, Box 4348, Chicago, Illinois 60680. An Equal Opportunity Employer

## GENETICIST

Permanent position, Ph.D. required. Duties will include teaching a biological science course for nonmajors, undergraduate genetics, and participation in graduate level teaching and research. Please send curriculum vitae to: Dr. Charles B. Reif, Chairman, Department of Biology, Wilkes College, Wilkes-Barre, Pa. 18703.

# THE UNIVERSITY OF MELBOURNE LECTURESHIP(S) IN THE DEPARTMENT OF PSYCHOLOGY

Applications are invited for one or possibly two positions available on I January 1973. The research interests of the department may be grouped in the areas of perception, cognition, personality, psychopathology and social psychology; on the teaching side additional strength is needed in the areas of early human development, neuropsychology, measurement, and assessment. Salary \$6697 to \$9286 per annum (\$Australian). Further information about the department, together with details of application procedure and conditions of appointment, is available from the Registrar, The University of Melbourne, Parkville, Victoria, Australia, 3052. Applications should be addressed to the Registrar and close on 28 August 1972.

# POSITIONS OPEN

#### **HUMAN ECOLOGIST**

Ph.D. or equivalent experience in research and teaching in human ecology. Full-time teaching/research position in interdisciplinary program in environmental studies. Position level to full professor. Training in anthropology, public health, sociology, psychology, or other behavioral science desirable but other areas considered. Women/minority groups are especially encouraged to apply.

Address inquiries, including full résumé, names, and addresses of references to: Chairman, Search Committee, Division of Environmental Studies, University of California, Davis 95616.

The Department of Biochemistry in the University of Kentucky College of Medicine has openings at the level of Assistant Professor. Applicants should have completed at least 1 year of postdoctoral training. Although training experience and potential for future development will be the determining factors in these appointments, the department has a particular interest in candidates who have worked in the fields of cell membranes, protein or nucleic acid synthesis, or biochemistry of hormone action. Inquiries should be addressed to the Chairman, Department of Biochemistry, College of Medicine, University of Kentucky, Lexington, Kentucky 40506. tucky 40506.

#### Ph.D. MICROBIOLOGIST

Primary interest in research related to the in-fections of immunosuppressed patients, Multidisciplinary research related to the infections of immunosuppressed patients. Multidisciplinary research group with well-equipped laboratories and 22-bed research unit. For further information contact G. A. Andrews, M.D., Chairman, Medical Division, Oak Ridge Associated Universities, P.O. Box 117, Oak Ridge, Tennessee 37830. "An Equal Opportunity Employer."

Department of Pathology of Medical School at Major Eastern University invites inquiries from suitably qualified M.D.'s or Ph.D.'s for one or more positions at the rank of Assistant Professor with major research in the field of:

the field of:

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## PHARMACOLOGIST-Ph.D.

Faculty of Dentistry, University of Alberta, Edmonton, Alberta, Canada, invites applications for a position, the principal duty of which would be to assist a medical pharmacology department with the teaching of pharmacology to dental students. Research facilities are available. Experience in dental medicine and a dental degree are preferred but not necessary. Apply to:

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# Box 296, SCIENCE

# GRADUATE STUDY

BIOCHEMISTRY postdoctoral positions (two) open. Research on respiratory electron transport system and enzymes of nitrogen assimilation; require previous experience. Salary \$9,500 to \$10,500 for 1 to 2 years. Send vitae and three references to Dr. T. T. Packard, Oceanography Department, WB-10, University of Washington, Seattle, Washington 98195.

#### POSTDOCTORAL FELLOWSHIP IN PHYSIOLOGY OR BIOCHEMISTRY

Position available 1 July 1972. Work involves development of method to isolate bone cells and ultimately metabolic studies on such cells. Annual stipend about \$8500. Apply to D. Baylink, M.D., or J. Wergedal, Veterans Administration Hospital, 4435 Beacon Ave. S., Seattle, Washington 98108.

POSTDOCTORAL FELLOWSHIPS IN CELL KINETICS AND CANCER RESEARCH available immediately. Appointment for 2 or 3 years. Send curriculum vitae, including names of references to: Dr. S. Lesher, Allegheny General Hospital, 320 East North Avenue, Pittsburgh, Pa. 15212.

#### KATCHALSKY FELLOWSHIP ANNOUNCED

KATCHALSKY FELLOWSHIP ANNOUNCED

In honor of Aharon Katzir Katchalsky, a senior fellowship in biophysical chemistry applied to neuroscience has been established by the Neurosciences Research Program (NRP), according to its chairman, Francis O. Schmitt. Professor Katchalsky, a victim of the 30 May massacre in Israel's Lod Airport, was an active associate of NRP since the first year of its founding, a decade ago. He contributed many important ideas in the application of biophysical chemistry to basic neuronal and brain processes, particularly those relating to membranes and to macromolecular interaction. A fortnight before his death, he co-chaired an NRP Work Session on Dynamic Patterns in Brain Cell Assemblies.

Administered by the Massachusetts Institute of Technology, the Katchalsky Fellowship, tenable at the NRP Center in Brookline (in the House of the American Academy of Arts and Sciences), will be flexible; in addition to NRP functions, Fellows may participate in other scholarly activities in the greater Boston area. A stipend appropriate to the professional status of the appointee will be provided. Documented nominations may be sent to

The Katchalsky Fellowship Committee Neurosciences Research Program

The Katchalsky Fellowship Committee Neurosciences Research Program 280 Newton Street Brookline, Massachusetts 02146 U.S.A.

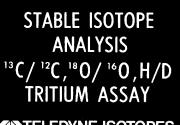
#### SANTA CATALINA MARINE BIOLOGICAL LABORATORY

The Santa Catalina Marine Biological Laboratory is pleased to announce its 1972–73 FALL and SPRING PROGRAMS to be offered at Santa Catalina Island:

September to 26 September: OIL POLLUTION AND THE MARINE ENVIRONMENT 2 October to 4 November: COMPARATIVE PHYSIOLOGY OF ANIMALS and ADVANCED UNDERWATER TECHNIQUES

November to 16 December: OCEANOLOGY 13 January to 6 February: MARINE ECOLOGY 12 February to 17 March: MARINE BOTANY AND PHYSIOLOGY 22 March to 25 April: MARINE INVERTEBRATE ZOOLOGY 30 April to 2 June: DEVELOPMENTAL BIOLOGY OF MARINE ORGANISMS A distinguished faculty has been engaged for these courses, all of which are offered at the graduate level. Registration is through the University of Southern California and is available to advanced undergraduates, graduates, and postgraduates. postgraduates.

postgraduates.
Supplementing our formal course work. IN-DEPENDENT or DIRECTED RESEARCH may be pursued at any time of the year.
For additional information, write Dr. Russel L. Zimmer, Santa Catalina Marine Biological Laboratory, P.O. Box 398, Avalon, California 90704 or telephone area code 213, Avalon 811 (operator's assistance is required).



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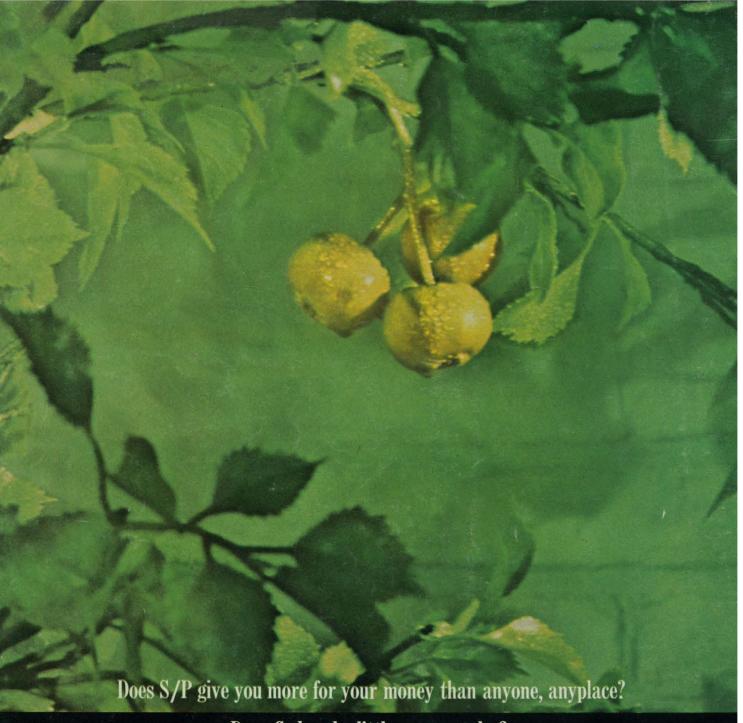
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