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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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Cellular Immunologist, Ph.D. postdoctoral lymphocytes, lymphokines, atopic and humoral hypersensitivities, and immunochemistry; publications. Seeks academic or institutional research and teaching position. Box 318, SCIENCE. 6/22

Clinical Chemist-Biochemist, Ph.D., 1966. Experience in clinical chemistry/teaching/research. Passed American Board of Clinical Chemistry examination. Desires teaching, industry, or laboratory directorship. Box 329, SCIENCE.

Medical Editor, senior level. Experienced in all aspects of editing, rewriting, printing. Full time or free lance. Box 322, SCIENCE.

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Zoologist, M.S., 1972. Studies emphasized marine biology and ecology. Seeks research, teaching, or technical position. Box 331, SCIENCE. X

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Faculty of Medicine, Memorial University of Newfoundland. Position available for Assistant Professor of Biochemistry for fall 1973. Graduate and medical teaching in biochemistry. Preference given to applicants with research interest in the area of membranes.

Send curriculum vitae and names of three references to J. C. Dittmer, Professor of Biochemistry.

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Forward applications, including curriculum vitae, transcripts and names of three referees, by 1 August to Chairman, Department of Animal Science, Faculty of Agriculture and Forestry, University of Alberta, Edmonton, Alberta, T6G 2E3, Canada.

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FACULTY POSITIONS IN BIOCHEMISTRY
In accord with affirmative action and University
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with postdoctoral training in the fields of membrane biochemistry, physical chemistry, lipid
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for teaching both medical and graduate students.
Interested persons are asked to submit curriculum vitae to Dr. Robert E. Olson, Chairman,
Department of Biochemistry, St. Louis University
School of Medicine, 1402 S. Grand Avenue, St.
Louis, Missouri 63104.

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Be part of a project developing NEW means of drug detection.

Innovative and imaginative Ph.D. organic chemistry or pharmacology, plus several years postdoctoral experience in the measurement of drugs and their metabolites. Ability to interpret mass spectra of drugs and their metabolites is desirable. Will develop methods of analysis for detection of classes of drugs of abuse and eventually work on detection of therapeutic drugs.

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Clinical Pharmacologist. Assistant Professor or Instructor in Department of Medicine, Stanford University School of Medicine, beginning 1 July 1974 or later. Excellent opportunity for M.D. with strong clinical and research training. Responsibilities will include teaching, clinical consultation activity and research. Applicants are requested to submit curriculum vitae by 1 September 1973 to Head, Division of Clinical Pharmacology, S-169, Stanford University School of Medicine, Stanford, California 94305. Stanford is an affirmative action employer.

## DIRECTOR OF EXPERIMENTAL SURGERY Cardiovascular Physiologist

Opportunity for experienced investigator to join multidisciplinary group working in assisted circulation. Candidate should have research interest in area related to mechanical circulatory assistance and sufficient accomplishment to share leadership of substantial experimental and clinical research program; may be PhD., M.D., or D.V.M. Laboratory located in 650-bed medical school-affiliated hospital in Midwest. Please send curriculum vitae to Box 316, SCIENCE.

#### Ionospheric Physicist/Arecibo Observatory

Cornell University invites applications for a position as scientist to conduct ionospheric research at the Arecibo Observatory in Puerto Rico. The applicant should have a strong background in several of the following fields: ionospheric physics, plasma physics, radio wave propagation, radar techniques, signal processing and numerical data analysis.

and numerical data analysis.

The Arecibo Observatory is operated as a national facility by Cornell University under the sponsorship of the National Science Foundation. The Observatory carries out research in the fields of radio and radar astronomy as well as aeronomy. The major instrument for ionospheric research is the 430 Mhz independent scatter radar facility. In addition, several ionosondes are available as is equipment for airglow observations and for the monitoring of Faraday rotation and group delay of signals from geostationary satellites. As a national facility the Observatory is open for research to any qualified visiting scientist and the applicant must therefore be prepared to spend part of his time aiding and advising such visitors.

Applications with curriculum and employment vitae and references should be addressed to: Director of Operations, Arecibo Observatory, P.O. Box 995, Arecibo, Puerto Rico 00612.

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Marine and Aquatic Scientists
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processor.

1973 to:
Robert A. Ragotzkie
Director, Marine Studies Center
University of Wisconsin-Madison
1225 West Dayton Street
Madison, Wisconsin 53766

#### POSITIONS OPEN

Position open August 1973 for Marine Biologist with experience in vertebrate and invertebrate pathology. Candidates should hold a Ph.D. and be prepared to conduct restarch into pathology of marine animals under an institutional (NIH) biomedical award and assume some teaching. Inquiries and applications with three letters of recommendation should be mailed by 16 July to Dr. E. H. Mercer, University of Hawaii at Hilo, P.O. Box 1357, Hilo, Hawaii 96720.

In accordance with University policy, the School of Medicine of the University of Pennsylvania invites qualified persons to apply for the position of Professor and Chairman of the Department of Microbiology. A complete curriculum vitae and bibliography, together with any other pertinent information, should be sent to:

Office of the Deam School of Medicine
University of Pennsylvania Philadelphia, Pennsylvania 19174

for the attention of the Chairman of the Microbiology Search Committee.

#### UNIVERSITY OF MASSACHUSETTS/AMHERST

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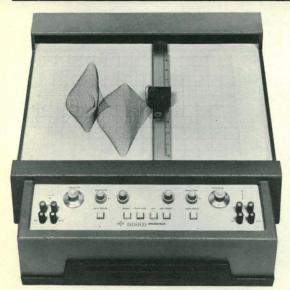
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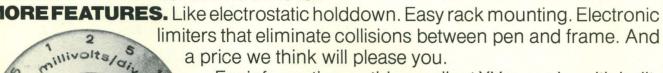
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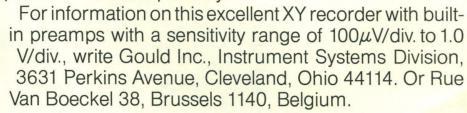
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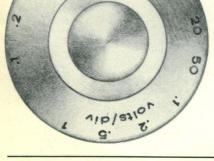
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