

Science Bibliographies

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The bibliography is priced at \$1.00 per copy, or 75¢ each for ten or more copies.

(Address your orders to Department C)

AAAS

AMERICAN ASSOCIATION for the
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Washington, D. C. 20005

Personnel Placement

POSITIONS WANTED

Biologist, Ph.D., 1971, Publications. Desires college teaching position in general biology, interdisciplinary programs, invertebrate biology, cell biology. Box 116, SCIENCE. X

Biomedical Engineer, Ph.D. Research and teaching experience in biosystems modeling and analysis, bioinstrumentation and biotelemetry. Seven publications. Box 117, SCIENCE. X

Biomedical Engineer, Ph.D. (1971); postdoctoral research in biomechanics; publications; B.S. Civil Engineering, M.S. Structural Mechanics; industrial or teaching position. Box 118, SCIENCE. X

Consultation in Veterinary and Comparative Histopathology: board-certified veterinary pathologists will examine stained sections of animal tissues for toxicologic, research, or diagnostic studies. Box 61, SCIENCE. 3/2

Endocrinologist/Physiologist, Ph.D. 1969. Publications. Bone and mineral homeostasis; 2 years' postdoctoral, 2 years' professional school teaching/research. Seeks university or medical school teaching/research position outside high crime area. Box 119, SCIENCE. 3/9

Ph.D. Physicist, Fellow Phys. Soc., with fine research accomplishments (experimental). Teaching experience at university level. At present with major industrial laboratory. Seeks position with 4-year college where he can participate in, upgrade, or set up a good physics or science-mathematics program. Some management experience. Box 67, SCIENCE. 3/2, 9, 16, 23, 30; 4/6

Plant Physiologist/Biologist, Ph.D. Seven years of experience; publications. Teaching interest, botany (general, physiological, ecological, developmental); general biology. Research interest in cryobiology. Seeks academic or industrial position. Available immediately or September 1973. Box 95, SCIENCE. X

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Position available for 1 July 1973 in the Department of Dermatology, University of Michigan Medical School. Candidate must be Board eligible or Board certified. Desire an academically oriented dermatologist who will be required to perform teaching and who will have patient care and research responsibilities. Code #200N. Send résumé to Box 111, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

ASSISTANT PROFESSOR

Position available in the Department of Internal Medicine, University of Michigan Medical School. Candidate must have demonstrated ability in patient care and teaching, plus unusual promise as an investigator. Also must have an M.D. degree, meet qualifications or equivalent of the American Board of Internal Medicine and have subspecialty training in pulmonary disease. Code #2500L. Send résumé to Box 112, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

ASSISTANT PROFESSOR

Position available with the Department of Obstetrics & Gynecology, University of Michigan Medical School. Candidate must be Board eligible or Board diplomate, and he must be interested in an academic career in Ob-Gyn. Should have major teaching hospital training and/or experience, and also have a subspecialty interest. Documentation of academic capability and productivity is essential. Duties include major responsibility for student and house staff supervision at an affiliate county general hospital. Code #800L. Send résumé to Box 113, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

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Faculty position in a well-equipped facility with expanding program. Applicants should have research interests in membrane structure-function or metabolic regulation and postdoctoral experience. Send curriculum vitae, three letters of recommendation, and a brief summary of research experience and objectives to: Search Committee, Department of Chemistry, California State University, Fullerton, California 92634. An Equal Opportunity Employer.

BIOLOGISTS

Applications are invited for two positions at the Assistant Professor or Associate Professor level. One appointment will be in microbiology or microbial genetics, and the second in plant biochemistry. Doctorate and an active interest in both teaching and research required. Send applications to Dr. C. C. Webster, Department of Biological Sciences, Florida Institute of Technology, Melbourne, Florida 32901.

MICHIGAN TECHNOLOGICAL UNIVERSITY DEPARTMENT OF BIOLOGICAL SCIENCES

invites applications for the following regular positions commencing August 1973, involving participation in expanding undergraduate and graduate teaching and research programs:

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AQUATIC ECOLOGIST: Capable of teaching courses in limnology, algology, systems ecology and aquatic microbiology; with research interests in algology and/or aquatic microbiology.

VERTEBRATE NEUROENDOCRINOLOGIST: Capable of teaching courses in advanced vertebrate physiology, endocrinology, and especially neuroendocrinology; with research specialization in neuroendocrinology.

POPULATION GENETICIST: Capable of teaching courses in general and population genetics, evolution and biogeography; with research specialization in population genetics.

PLANT BIOCHEMIST: Capable of teaching courses in general cell biochemistry including laboratory techniques, enzyme biochemistry, intermediary metabolism, and advanced plant physiology; with research specialization preferably in experimental plant biochemistry.

Age, sex, race, religion, and ethnic origin immaterial; applications are invited from all qualified persons. Ph.D. degree required; postdoctoral training recommended. Rank and salary open. Send curriculum vitae and three letters of recommendation to Dr. Robert C. Stones, Head, Department of Biological Sciences, Michigan Technological University, Houghton, Michigan 49931. An Equal Opportunity Employer

CURATORIAL POSITION (Ichthyologist)

Aquarium curatorial opening now exists for a Ph.D. in Biology/Marine Science to be responsible for the maintenance and exhibition of Aquatic animal collection. Strong supervisory ability a must. New York City location. Salary competition; excellent fringe benefits include 5½-week vacation. Send curriculum vitae to Box 115, SCIENCE. An Equal Opportunity Employer.

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Qualified candidates should submit detailed Curriculum Vitae and salary requirements in strict confidence to: Mr. C. R. Grupe, The Pharmaceuticals Division of CIBA-GEIGY Corporation, 556 Morris Avenue, Summit, New Jersey 07901. An equal opportunity employer/ male and female.

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NEW AND PRACTICAL TITLES

CONCISE GUIDE TO BIOMEDICAL POLYMERS: Their Design, Fabrication and Molding by John W. Boretos, *National Institutes of Health, Bethesda.* Forewords by William S. Pierce and Silas Braley. '73, 208 pp., 35 il., 53 tables, \$14.75

PROTEIN DEFICIENCY AND PESTICIDE TOXICITY by Eldon M. Boyd, *Queen's Univ., Kingston, Ontario, Canada.* '73, 480 pp., 106 il. (1 in full color), 129 tables, \$29.50

RHEOLOGY OF BIOLOGICAL SYSTEMS by Henry L. Gabelnick, *National Institutes of Health, Bethesda, and Mitchell Litt, Univ. of Pennsylvania, Philadelphia.* (31 Contributors) '73, 319 pp., 230 il., 25 tables, \$16.95

HUMAN NUTRITION: Its Physiological, Medical and Social Aspects. A Series of Eighty-Two Essays by Jean Mayer, *Harvard Univ., Boston.* '72, 740 pp., 5 il., \$12.95

MERCURY, MERCURIAL AND MERCAPTANS edited by Morton W. Miller and Thomas W. Clarkson, *both of The Univ. of Rochester, New York.* (33 Contributors) '72, about 420 pp., 116 il., 57 tables

THE REGULATION OF MAMMALIAN REPRODUCTION edited by Sheldon J. Segal, *The Population Council, New York;* Ruth Crozier and Philip A. Corfman, *both of the National Institute of Child Health and Human Development, Bethesda;* and Peter G. Condliffe, *John E. Fogarty International Center for Advanced Study in the Health Sciences, Bethesda.* (132 Contributors) '73, 614 pp. (7 x 10), 260 il., 91 tables, \$44.50

TRENDS IN EPIDEMIOLOGY: Application to Health Service Research and Training by Gordon T. Stewart, *Univ. of Glasgow, Scotland.* (23 Contributors) '72, 624 pp., 52 il., 59 tables, \$29.75

PRINCIPLES OF SENSORY PHYSIOLOGY by Henry Tamar, *Indiana State Univ., Terre Haute.* '72, 408 pp. (7 x 10), 92 il., 1 table, \$21.50

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DEPARTMENT OF BIOLOGY, AMERICAN UNIVERSITY OF BEIRUT, is recruiting teaching-research faculty for Fall 1973 in the following areas: biological oceanography, general ecology, fisheries biology, chemical and physical oceanography, and marine microbiology. More than one opening is anticipated at Assistant or Associate Professor rank. Ph.D. required, postdoctoral experience preferred. Travel, relocation, and liberal fringe benefits included. Applications with letters of reference should be addressed to **Dr. Philip Basson, Chairman, Department of Biology, American University of Beirut, Beirut, Lebanon**, with application copies to Personnel Services, American University of Beirut, 305 East 45 Street, New York 10017.

EMORY UNIVERSITY
Atlanta, Georgia
Department of Biology

Applications are invited for two positions at the Assistant Professor level effective 1 September 1973. Applications should have a Ph.D.

One appointment will be in cell biology. Preference will be given to persons with interests in some area of neurobiology or behavior.

The second appointment will be in limnology. Preference will be given to persons with interests in algology and a systems approach to environmental problems.

Interested individuals should send professional vitae and the names of two or three referees to **Dr. Charles Ray, Chairman of Search Committee, Department of Biology, Emory University, Atlanta, Georgia 30322**.

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CHAIRMAN: BIOLOGY DEPARTMENT
Experienced biologist to direct undergraduate program and develop research activities. Administrative experience highly desirable. Write **John B. Drahmann, Dean, College of Sciences, University of Santa Clara, Santa Clara, Calif. 95053**.
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Qualified individuals should submit curriculum vitae and salary requirements to: **Director of Personnel, Meloy Laboratories, Inc., 6715 Electronic Drive, Springfield, Virginia 22151, Attn: Code R02**. *An Equal Opportunity Employer.*

Stanford University announces an opening for senior professor of **DEVELOPMENTAL PSYCHOLOGY**, created by the retirement of Robert R. Sears, David Starr Jordan Professor of Social Science. We seek someone with exceptional qualifications for the position which will be available in September 1974. Inquiries should be sent to **J. Merrill Carlsmith, Chairman, Search Committee, Department of Psychology, Stanford University, Stanford California 94305**.

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UNIVERSITY OF WASHINGTON
DIRECTOR
INSTITUTE FOR MARINE STUDIES

The University of Washington has created the new Institute for Marine Studies to develop and facilitate multidisciplinary teaching and research on problems of the marine environment which couple scientific knowledge and social and economic needs. Applicants are invited to submit a curriculum vitae, reprints, a short statement of teaching and research plans, and the names of three references by 15 March 1973, to **Dr. Donald E. Bevan, 203 Administration Building, AG-10, University of Washington, Seattle, Washington 98195**. *A Non-Discriminatory and Affirmative Action Employer.*

EPIDEMIOLOGIST

Needed immediately as consultant to projects in innovative health care delivery, occupational and environmental health. Primary teaching, introductory epidemiology to medical students. Level of appointment commensurate with qualifications. Salary competitive. Minority group members and women are urged to apply. Send letter, curriculum vitae, and three (3) references to: **C. Hilton Castle, Chairman, Community & Family Medicine, University of Utah College of Medicine, Salt Lake City, Utah 84112**. *Equal Opportunity Employer.*

GRADUATE SCHOOL OF OCEANOGRAPHY
UNIVERSITY OF RHODE ISLAND

One or two faculty positions (probably at the Assistant Professor level) will open July 1973. We are seeking recent Ph.D.'s with research experience and interests in one of the following fields: benthos, population ecology, and physiological ecology of zooplankton. Women and minority group members are urged to apply. Send curriculum vitae, and have three letters of recommendation sent to: **Dr. David M. Pratt, Graduate School of Oceanography, University of Rhode Island, Kingston, R.I. 02881**.

FACULTY POSITIONS

Three assistant professorships (Developmental Biologist and Microbial Geneticist, with emphasis in these two positions on Molecular Biology; and a Marine Microbiologist with emphasis on Environmental Biology). Strong commitment to research necessary, with additional interest in teaching! Research facilities on campus and at university's Santa Catalina Marine Biology Lab supported by Marine Ship Operations. Applications from women and members of ethnic minorities desired. Submit curriculum vitae and letters of reference to:

Dr. B. C. Abbott, Chairman
Department of Biological Sciences
University of Southern California
University Park
Los Angeles, California 90007

METALLURGIST/MATERIALS SCIENTIST:

The School of Metallurgy and Materials Science at the University of Pennsylvania is seeking a Postdoctoral Scientist/Engineer to participate in research on amorphous alloys. Applicants should submit a curriculum Vitae, reprints (if any), and the names of three (3) references. These applications should be made no later than 15 March 1973 to: **The Director, School of Metallurgy and Materials Science, 3231 Walnut Street, University of Pennsylvania, Philadelphia, Pa. 19174**.
We are an equal opportunity employer.

NEURO-PHARMACOLOGIST OR
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Excellent salary, benefits, and working conditions. Please send curriculum vitae in confidence to: **Box 114, SCIENCE**.

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INVERTEBRATE NEUROPHYSIOLOGIST

The Department of Zoology of the University of Michigan is seeking an invertebrate physiologist, preferably a neurophysiologist, for 3-year appointment at the rank of assistant professor. Responsibilities include teaching and research in the area of invertebrate neurophysiology. Letters of application, curriculum vitae, and three independent letters of recommendation should be sent to **Professor Carl Gans, Chairman, Department of Zoology, University of Michigan, Ann Arbor, Mich. 48104**. *A non-discriminatory, affirmative action employer.*



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Please forward application or curriculum vitae to:

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UNIVERSITY OF GUELPH, ONTARIO, CANADA
COLLEGE OF BIOLOGICAL SCIENCE
DEPARTMENT OF ZOOLOGY

VERTEBRATE ZOOLOGIST

Applications are invited from suitably qualified persons to teach undergraduate courses, as required, in one or more of the following: comparative vertebrate anatomy, wildlife management, mammalogy, animal ecology, introductory zoology.

The position offers an excellent opportunity to develop field and laboratory studies within an existing strong undergraduate and graduate fisheries and wildlife programme.

INVERTEBRATE ZOOLOGIST (2 POSITIONS)

Applications are invited from suitably qualified persons to teach undergraduate courses, as required, in invertebrate zoology and introductory biology.

The department supports strong undergraduate and graduate programmes in fisheries and wildlife biology, marine biology, physiology, ecology, parasitology and animal behaviour. The present positions offer excellent opportunities to develop additional programmes in areas of the applicant's interests. The Department would be pleased to consider applications from systems biologists.

Salary and position will be at the Assistant Professor level.

Applications must include the names of two referees and should be forwarded to the Chairman, Department of Zoology, College of Biological Science, University of Guelph, Guelph, Ontario, Canada N1G 2W1, by May 31, 1973.