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# PRACTICAL

RESPONSES OF FISH TO ENVIRON-MENTAL CHANGES edited by Walter Chavin, Wayne State Univ., Detroit. (23 Contributors) '73, about 480 pp., 166 il., 39 tables

ENVIRONMENTAL LEGISLATION by William D. Hurley, President, Institute for Environmental Technology and Occupational Safety and Health, Washington, D. C. '71, 96 pp., \$6.50

ECOLOGY AND THE QUALITY OF LIFE edited by Sylvan J. Kaplan, and Evelyn Kivy-Rosenberg, Jersey City State College, New Jersey. (24 Contributors) '73, about 240 pp., 23 il., 11

INNOVATIVE ORGANIZATION FOR POPULATION RESEARCH edited by Sylvan J. Kaplan, Department of the Interior, Washington, D. C., and Robert K. McCormick, National Broadcasting Company. Forward by Philip A. Corfman. (50 Contributors) '71, 416 pp., 11 il., 1 table, \$15.25

HUMAN ECOLOGY AND SUSCEP-TIBILITY TO THE CHEMICAL ENVIRONMENT (4th Ptg.) by Theron G. Randolph, The Swedish Covenant Hospital, Chicago. '72, 160 pp., 1 il.,

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HUMAN STERILIZATION: A Conference Sponsored by International Institute for the Study of Human Reproduction, College of Physicians and Surgeons of Columbia University, and Center for Population Research, National Institute of Child Health and Human Development edited by Ralph M. Richart and Denis J. Prager. Forewords by Philip A. Corfman and Raymond L. Vande Wiele. (33 Contributors) '72, 424 pp., 140 il., 55 tables, \$21.00

MAMMALS OF THE SEA: Biology and Medicine edited by Sam H. Ridgway, Naval Undersea Research and Development Center, San Diego. (12 Contributors) '72, 830 pp. (6 3/4 x 9 3/4), 434 il. (8 in full color), 43 tables, \$45.00

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# Personnel Placement

#### POSITIONS WANTED

Cardiovascular Physiologist-Pharmacologist. Experienced teacher/researcher, age 38. Desires position in medical school, industry, or government. Published in area of congestive heart failure. Box 216, SCIENCE. 5/4, 11

Cell/Animal Physiologist, Ph.D. 1973, seeks teaching/research appointment in Connecticut. Interested in joining Nutritional Program. Box 246, SCIENCE.

Computer Scientist with Ph.D., publications, seeks faculty, research, or development position. Specialties: artificial intelligence, cognitive simulation, pattern recognition. Box 247, SCIENCE. X

Developmental Biologist/Biochemist. Ph.D. Three years of postdoctoral research: invertebrate oogenesis, protein biosynthesis. University teaching experience: biochemistry, cell biology, science and society. Publications. Seeks academic teaching and research position. Box 248, SCIENCE.

Entomologist, Ph.D. 1969. Four years of teaching/research experience; 25+ publications. Expertise in biological control, pest management, insect behavior, electron microscopy. Teaching interests: invertebrate zoology, biocontrol, behavior, morphology, ecology, electron microscopy. Desires teaching and/or research opportunity 1 July or September. Box 249, SCIENCE.

Entomologist-Ecologist, 26, Ph.D. on Lepidoptera population biology-behavior, 15 publications, seeks research, teaching/research, or industry/agriculture position. Scott, 60 Estes, Lakewood, Colo. 80226.

Environmental Physiologist, Ph.D., 5 years' teaching, research, publications. Biochemist, Ph.D., 2 year postdoctoral, 5 years' teaching and research concurrent with 2-year postdoctoral in clinical chemistry. Desires private or state university appointments to develop coordinated program (B.S., M.S.) in animal/environmental physiology and biochemistry/clinical chemistry. Box 250, SCIENCE, X

Experienced Computer Applications Specialist. Nine years' experience in systems analysis, operations research, management, statistical analysis, computer assisted instruction. Box 251, SCIENCE.

Marine Hydrodynamicist/Numerical Modeller, Ph.D. Five years' research and limited teaching in a major university. Publications, grant. Seeking teaching and/or research position. Box 252, SCI-ENCE.

Ph.D. Microbiologist/Medical Technologist desires position in Allied Health School, university, or hospital. Clinical, administrative, and teaching experience. Noel Funderburk, Ph.D., 1523 Silverpines, Houston, Texas 77058, (713) 488-5058.

Reproductive Physiologist, B.S. One year of graduate training in physiology. Four years' experience reproductive neuroendocrinology, small animal surgery, radioimmunoassay. Desires position with advancement potential. Box 239, SCIENCE. X

Virologist-Developmental Biologist, Ph.D. Research and teaching experience, clinical interests, publications. Seeks responsible teaching and/or research position on West Coast. Box 253, SCI-ENCE.

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ASSISTANT PROFESSOR

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Contact Leatrice Hauptman, Project Coordi-nator, Multiple Risk Factor Intervention Trial. Sulte 1421, 122 South Michigan Avenue, Chicago, Illinois 60603.

#### BIOCHEMIST, Ph.D.

Postdoctoral position available 1 May or after for biologically oriented biochemist to carry out studies in bile pigment metabolism, electron-transport, and membrane permeability. Medical school position and collaboration with chemistry department of a state university. East Coast. Salary about \$8500. Send curriculum vitae and references to Box 244, SCIENCE.

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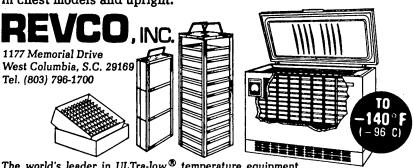
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ASSISTANT PROFESSOR OF BIOLOGY for fall 1973 in the area of developmental biology. Ph.D. preferred. Teaching responsibilities in the areas of developmental biology and histology. Send résumé to:

Chairman, Biology Department SUNY College of Arts & Science Geneseo, New York 14454

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The Biopsychology Section of the University of Chicago seeks to fill a recently created vacancy, preferably as of the fall of 1973. Candidates from all subspecialties will be considered. Rank and salary are open to negotiation. The University of Chicago is an equal opportunity employer. Please contact Professor Sebastian P. Grossman, University of Chicago, Chicago, Illinots 60637 (Tel: 312-753-4715).

CLINICAL LABORATORY SCIENTIST, to direct an educational program in the preparation of health services professionals. Candidates should possess a doctoral degree and have experience in clinical laboratories, program administration, and research as necessary background for development and direction of the department curriculum, teaching, and investigational activities of the Clinical Laboratory Sciences Program in the new School of Health Services, The Johns Hopkins University, an equal opportunity employer. Interested applicants should write to Dr. Samuel P. Asper, Vice President for Medical Affairs, The Johns Hopkins Hospital, 601 North Broadway, Baltimore, Maryland 21205.

SWARTHMORE COLLEGE, DEVELOPMENTAL BIOLOGY. Opening at the Assistant Professor level for September 1973. The position is potentially that of a permanent member of a department with nine faculty. Duties include teaching an undergraduate course and honors seminar in developmental biology and contributing to the team teaching of an elementary biology course. Opportunity to offer an advanced course in another area of interest. Research encouraged. Address applications to: Kenneth S. Rawson, Acting Chairman, Department of Biology, Swarthmore College, Swarthmore, Pa. 19081.

ASSISTANT PROFESSOR OF GEOLOGY An ASSISTANT PROFESSOR OF GEOLOGY position is anticipated at Indiana University Southeast (a Regional Campus of the Indiana University System). Applicants must have the Ph.D. degree and interest in teaching in an undergraduate program. IUS has 2700 students, a new campus, 13 baccalaureate programs, and 2 masters programs. To apply contact: Dr. Lloyd A. Case, Chairman, Division of Natural Sciences, Indiana University Southeast, New Albany, Indiana 47150. Indiana University Southeast is an Equal Opportunity Employer.

#### KIDNEY PHYSIOLOGY

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Dr. Edward A. Alexander Boston University School of Medicine 15 Stoughton Street Boston, Massachusetts 02118

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LIMNOLOGIST OR AQUATIC BIOLOGIST

Limnologist, or aquatic biologist, Ph.D., with strong background in mathematics and chemistry to cooperate with scientists of other disciplines in developing mathematical models for stimulation of surface water quality. The incumbent's main contribution will involve identification, measurement, and model formulation of biota-nutrient interactions. Experiments in controlled environments or in field situations will be involved. It is desirable that the applicant be experienced in the analysis of natural ecosystems. Interested persons should contact: Dr. S. M. Zand, Research Hydrologist, Water Resources Division, U.S. Geological Survey, 345 Middlefield Road, Menlo Park, California 94025. Salary \$16,682 to \$19,700, depending upon qualifications. This position is in the career civil service, and applicants will be considered without regard to race, color, religion, sex, age, or national origin.

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Department of Zoology 1735 Neil Ave. Columbus, Ohio 43210

# **PEPTIDE CHEMIST**

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#### POSITIONS OPEN

#### PEST MANAGEMENT

Faculty position in teaching and research in pest management, to contribute to existing program in agriculture entomology. Candidates holding a Ph.D. degree, regardless of sex, ethnic origin, or experience, are invited to apply. Further information supplied on request to Professor D. Jensen, Chairman, Division of Entomology and Parasitology, 201 Wellman Hall, University of California, Berkeley, California 94720.

#### GRADUATE SCHOOL OF OCEANOGRAPHY UNIVERSITY OF RHODE ISLAND

UNIVERSITY OF RHODE ISLAND

A faculty position for a petrologist at the Assistant Professor level or possibly at a higher rank will be open July 1973. Candidate must have expertise in electron microprobe analysis and computer data reduction. Candidate is expected to develop a sea-oriented research program related to the petrology of the oceanic crust, underlying upper mantle, and volcanic islands and offer graduate courses on these subjects and phase equilibria. Women and minority group members are encouraged to apply. Send curricula vitae, names of three referees, and brief summary of research experience and objectives to: Geological Candidate Search Committee, Graduate School of Oceanography, Kingston, R.I. 02881.

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PHYSICAL OCEANOGRAPHER Applications are invited for the position of Associate Professor or Full Professor to teach and carry out research in physical oceanography starting August 1973, or thereafter. Applicants must have a Ph.D. and 6 to 10 years of relevant post-Ph.D. experience. Fields of interest could be geophysical hydrodynamics, turbulence, waves, tidal theory, numerical modeling, or other.

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Applications should be sent to: Dr. John C. Ludwick, Director, Institute of Oceanography, Old Dominion University, Norfolk, Virginia 23508.

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RESEARCH ASSISTANT. B.S. BIOLOGY or related field required for cellular immunology experimental hematology involving small animal procedures. Vacancy I June for EXPERIENCED responsible individual in nonprofit research organization in Upper New York State. Equal Opportunity Employer. Box 245, SCIENCE

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ence in applied statistics, preferably biological science.

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For further information please write to the New Zealand Forest Service, Private Bag, Wellington, New Zealand.

Application forms may be obtained from the New Zealand Embassay, 19 Observatory Circle, NW, Washington, D.C. 20008; with whom applications close on 27 June 1973.

Please quote vacancy No. 9/72/5034.

#### POSITIONS OPEN

#### ASSOCIATE PROFESSOR OF PATHOLOGY

ASSOCIATE PROFESSOR OF PATHOLOGY
Position available 1 July 1973 for an individual possessing a D.D.S., M.D., or V.D.M. degree and Ph.D. Candidate should have strong research experience in cancer immunobiology and cell kinetics. Candidate should be sincerely interested in teaching pathology to undergraduate and postgraduate dental students. Applicants should reply prior to 1 July 1973 by forwarding a résumé of teaching and research experience, curriculum vitae, references, and so forth to Chairman, Department of Pathology, University of Pennsylvania, School of Dental Medicine, Philadelphia, Pa. 19174. Women and minority groups are specifically encouraged to reply.

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