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Personnel Placement

Only those employers who will not discriminate on the basis of race, sex, religion, color, or national origin should submit Personnel Placement advertising.

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POSITIONS WANTED

Agricultural Chemist. Ph.D. 1972. Good background; organic, physical, and soil chemistry. Postdoctoral, agricultural residues using NMR-(FT). Familiar most analytical techniques. Desires government, industrial, or academic position. Box 78, **SCIENCE**. X

Anatomist-Electron Microscopist. Doctorate expected summer 1975, gross anatomy, histology, TEM, cytochemistry, platelet research. Seeking teaching/research position Southeast or West Coast. Box 79, **SCIENCE**. 3/7

C. A. Adler, Author: articles on pollution, oceanography, instruments, and a book, *Environmental Fantasies*: "... Long overdue ... should be read and taught ..." Dr. Abel Wolman; "... effectively pricks enviro-balloons." Lib. J.; "out of the ordinary ... challenges environmentalists to give closer consideration to the assumptions many are so eagerly adopting." A. A. Univ. Women—**Inventor:** ocean-wave measurer, underwater pipe system, single-point moorings—**Manager:** technical companies—**Teacher:** oceanography (graduate level), math, physics, ecology—**Consultant:** oceanographic/environmental—available. Room 809, 99 Nassau St., New York, N.Y. 10038. X

Biochemist. Ph.D. Postdoctoral plus research experience. Publications. Protein chemistry, analytical methods, GLC, chromatographic separations. Seeks challenging research or academic position. Box 80, **SCIENCE**. X

Biologist. M.Sc. M.A. Seeks research or teaching position. TEM, protein binding radioassay, radioimmunoassay of hormones, tissue culture, histochemical techniques. Please write to: H. M. Nasir, 511 Sprague Ave., 106, Kalamazoo, Michigan 49007. X

Electron Microscope Technician with 13 years of experience in TEM using wide range of biological tissues. Experienced in histochemical techniques, scope maintenance, and so forth. Limited SEM experience. Presently involved in EM techniques training program. Seeking new location as chief EM technician. Box 83, **SCIENCE**. X

POSITIONS WANTED

Biochemist/Virologist. Ph.D. 1970. Two postdoctorals. Experience and publications in DNA-binding proteins, tumor antigens, protein physical chemistry, cell culture. Desires research/academic position. Available June 1975. Box 81, **SCIENCE**. X

Biomedical Researcher and Project Coordinator. Ph.D. (general biology/cell physiology/biochemistry) with more than 10 years of experience in research and teaching at undergraduate, graduate, and postdoctoral levels, seeks teaching/research position in southern United States. Box 82, **SCIENCE**. X

Physiologist/Anatomist desires faculty position in New York City area. Teaching experience in neuroanatomy, histology, physiology. Research experience in adrenergic systems of central and peripheral nervous systems. Box 84, **SCIENCE**. X

Physiologist-Toxicologist. Ph.D. 1969. Postdoctoral and independent research on health effects, pharmacodynamics of pesticides, environmental agents using isolated perfused organs. Desire government, industry, or academic position. Box 85, **SCIENCE**. 3/7, 14

Psychopharmacologist. Ph.D. Five years of postdoctoral full-time research experience in evaluating CNS compounds. Areas of specialization include an analysis of the analgesic, antianxiety, and ulcer-inhibiting properties of drugs. Experienced in the design and execution of primary and secondary drug screens. More than 36 publications and extensive supervisory experience. Seeks industrial position. Box 86, **SCIENCE**. X

Regulatory Affairs Manager. Ph.D. Successful experience in IND's, NDA's, clinical and safety testing, FDA liaison, organic chemistry, microbiology. Box 87, **SCIENCE**. X

Remote Sensing Geologist. M.S., Ph.D. July 1975, 27, quaternary (glacial and hydro-) geology, remote sensing, and computers (Fortran and peripherals). Research in ADP of ERTS CCT's. Desires research position in industry or government. Box 88, **SCIENCE**. X

Technical Editing and Indexing. Free lance. By experienced information specialist devoted to the simple declarative sentence. Box 89, **SCIENCE**. X

Toxicologist. Ph.D. 1968. Publications in drug metabolism and identification. Graduate teaching and research experience in environmental, industrial, and forensic applications. Seeking position with government, academic, or forensic institution. Available immediately. Box 66, **SCIENCE**. 3/14, 28

Zoologist. Ph.D. Seeks teaching or teaching-research position. Interests include invertebrate zoology, invertebrate physiology, parasitology. Box 54, **SCIENCE**. 3/7, 14, 21, 28; 4/4, 11

POSITIONS OPEN

Position of ACADEMIC DEAN available

Fairhaven College, a nondepartmental cluster college of Western Washington State College, Bellingham, Washington 98225. Five hundred students, commitment to innovative and interdisciplinary liberal arts education. Comprehensive job description available. Deadline 31 March 1975. Position begins fall 1975.

An Affirmative Action Employer

ANIMAL PHYSIOLOGIST

Position for Assistant Professor, preferably in neurophysiology, starting September 1975. Ph.D. required. Apply to: **Dr. W. Glen Bradley, Chairman, Department of Biological Sciences, University of Nevada, Las Vegas, Nev. 89154.** *Equal Opportunity/Affirmative Action Employer.*

APPLIED PHYSIOLOGIST

Department of Kinesiology requires 1-year visiting professor in physiology or applied physiology with interests and developed research in cardio-respiratory, metabolic, or environmental physiology. Appointment will take effect 1 September 1975 and terminate August 1976. Appointment at any rank, salary by negotiation depending upon qualifications. Send curriculum vitae and inquiries to **Dr. E. W. Banister, Kinesiology, Simon Fraser University, Burnaby 2, B.C., Canada.**

POSITIONS OPEN

ANATOMIST

Applications are invited from qualified persons, Ph.D. or M.D., prepared to carry out effective research program and to enter enthusiastically in teaching (mainly gross anatomy and/or histology) medical and graduate students in an expanding urban Medical Center. Salary and rank dependent on qualifications. Send curriculum vitae, names of three references, and copies of publications to **Dr. Harry Maisel, Department of Anatomy, Wayne State University School of Medicine, 540 East Canfield, Detroit, Michigan 48201.** *An Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR/INSTRUCTOR

Applications for a full-time faculty position to start 1 September 1975 in the area of zoological **ELECTRON MICROSCOPY and HISTOLOGY** are invited from recent Ph.D.'s. Rank and salary dependent upon qualifications. Philips 200 and related equipment available for teaching and research. Curriculum vitae and three letters of reference should be sent before 21 March 1975. Address applications or requests for further information to **Search Committee, Department of the Biological Sciences, Smith College, Northampton, Mass. 01060.**

ASSISTANT PROFESSOR—BIOCHEMISTRY

A position will be available in September 1975 for an individual with demonstrated exceptional ability in the area of molecular or cell biology. A curriculum vitae, short description of research plans, and names of three references should be sent to: **Department of Chemistry, The University of Texas at Austin, Austin, Texas 78712,** attention of **Lester J. Reed.** *The University of Texas is an Equal Opportunity and an Affirmative Action Employer.*

UNIVERSITY OF ALASKA VISITING ASSISTANT PROFESSOR OF ECOLOGY

Applicants are being sought for the above position to offer courses in ecology as a replacement for a faculty member on leave during the 1975-1976 academic year. The applicant should have the Ph.D. degree. The successful applicant will be expected to teach a sophomore-level course in principles of ecology in the fall semester, an upper-level course in animal ecology in the spring semester, and one additional course per semester in a mutually agreeable subject area to constitute a full teaching load. Suitable subject areas might include entomology and/or animal behavior. Interested candidates should submit curriculum vitae, reprints of publications, a list of courses they feel qualified to offer, and arrange to have three letters of reference sent to **Dr. George C. West, Institute of Arctic Biology, University of Alaska, Fairbanks, Alaska 99701.** Salary is dependent on qualifications and experience. *An Affirmative Action/Equal Opportunity Employer.*

ASSISTANT PROFESSOR OF PHYSIOLOGY.

Physiologist with Ph.D. and/or M.D., with minimum of 2 years of postdoctoral training. Must have demonstrated competence and potential for independent research. Teaching duties involve participation in health profession and graduate courses. Salary will depend upon qualifications. Send curriculum vitae, list of publications, and names of three references to **Dr. Leonard Share, Department of Physiology and Biophysics, University of Tennessee Center for the Health Sciences, 894 Union Avenue, Memphis, Tennessee 38163.** *Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR—WATER RESOURCES

Teach/research water resources emphasizing physical relationships in planning, allocation, and distribution of water. Faculty to relate the physical and biological impacts of alternative water/land use patterns. Ability to work in interdisciplinary framework important. Strong physical/biological background in water resource related areas; socioeconomic applications interest. Ph.D. required. Application deadline: 1 April 1975. Date duties begin: 1 July 1975. Send résumé, three references, and transcripts to: **David Olson, Institute of Natural and Environmental Resources, James Hall, University of New Hampshire, Durham, New Hampshire 03824.** *An Equal Opportunity Employer.*

BIOCHEMIST

Ph.D. for a position as a research associate. Area of research is concerned with the hormonal regulation of hepatic intermediary metabolism with emphasis on lipid and lipoprotein biochemistry. Applications must include curriculum vitae with description of research experience and letters of recommendation. Send to **Dr. D. M. Capuzzi, Division of Cardiopulmonary Medicine, Hospital of the University of Pennsylvania, Philadelphia, Pa. 19104.**

POSITIONS OPEN

ASSISTANT PROFESSOR OF ONCOLOGY

A 1-year position will be available 1 July 1975 in the School of Medicine of Wayne State University for holders of the M.D. degree, Board certified in Internal Medicine, qualified or certified in the subspecialty of Oncology. A specialist is required with interest in chemotherapy of respiratory tract tumors for a teaching position.

Responsibilities will include teaching, research, and related clinical care. Applications with curriculum vitae, bibliography, and any other pertinent information should be sent to: **Dr. V. K. Vaitkevicius, Chairman, Department of Oncology, Wayne State University School of Medicine, 540 East Canfield, Detroit, Michigan 48201.**

An Equal Opportunity Employer

BIOCHEMISTRY FACULTY POSITION RICE UNIVERSITY

Applications are invited for a new faculty position (Full Professor, Associate Professor, or Assistant Professor) in the Department of Biochemistry of Rice University. Clear distinction in creative research and education essential. Preference will be shown to candidates who are experienced in the area of molecular biochemistry of nucleic acids. However, applications are encouraged from outstanding candidates irrespective of field of interest.

Rice University is an Equal Opportunity Affirmative Action Employer.

Send résumé to **G. J. Schroepfer, Jr., Chairman, Department of Biochemistry, Rice University, Houston, Texas 77001.**

FACULTY POSITION IN BIOCHEMISTRY

Opening available at assistant professor level or higher. Applicants must have postdoctoral experience, research publications, and active interest in research and teaching. Applications are particularly sought from those with research interest in one of the following fields: animal cell biology/virology, bioorganic chemistry, or nucleic acid biochemistry. However, all applications will be considered. Please send curriculum vitae and a description of current and future research interest to: **Search Committee, Department of Biological Chemistry, University of Maryland, School of Medicine, 600 West Redwood St., Baltimore, Md. 21201. An Equal Opportunity/Affirmative Action Employer.**

BIOCHEMIST

Immediate opening for recent Ph.D. in biochemistry with training in enzymology, protein isolation, and amino acids. Work involves basic research in the field of enzymes of amino acid biosynthesis. Salary \$10,000 to \$10,500. Send curriculum vitae and references to: **Dr. Sarah Ratner, Department of Biochemistry, Public Health Research Institute, 455 First Ave., New York, N.Y. 10016.**

An Equal Opportunity Employer

BIOCHEMIST

Postdoctoral to work on DNA polymerases. Three-year appointment at \$10,000 to \$14,000 per year. Send résumé and two letters of reference to:

**Dr. Srivastava
Roswell Park Memorial Institute
Buffalo, New York 14203**

BIOLOGIST

Instructor or Assistant Professor starting September 1975. Small, church-related, liberal arts college; undergraduate teaching only: Botany, Zoology, Bacteriology, nonscience biology. Send transcripts and recommendations before 21 March to **Eugene Byrnes, Chairman, Division of Natural Sciences, Assumption College, Worcester, Mass. 01609. Equal Opportunity Employer.**

BIOLOGIST. Applications are invited from qualified persons preferably holding the Ph.D. degree for position as Research Associate. Strong background in statistics and aquatic environments required. Preference will be given to those applicants with experience or training in estuarine systems and population dynamics. Responsibilities will be to assist in research related to power plant effects on estuarine organisms.

Send curriculum vitae, transcripts, names and addresses of three references to: **Dr. Ronald M. Block, Chesapeake Biological Laboratory, University of Maryland, Prince Frederick, Md. 20678. Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

BIOLOGIST, Ph.D.

Assistant/Associate professor vacancy for fall 1975 at northern Virginia state institution offering baccalaureate and master's degrees. Candidates must be experienced in both the management and teaching of large, multisection introductory biology course for majors, including laboratories, and should be able to offer advanced courses in their specialties. Please submit curriculum vitae by 31 March 1975 to **Dr. Stephan R. Taub, Chairman, Department of Biology, George Mason University, Fairfax, Virginia 22030. George Mason is an Equal Opportunity/Affirmative Action Employer.**

BIOLOGIST

Small liberal arts college in rural Vermont seeks broadly trained biologist for all levels of undergraduate teaching, including direction of senior research projects. Strong interest in ecology helpful. Creative curriculum planning encouraged. Facilities and opportunity for research limited; salary modest; teaching load demanding and varied. Send letters, curriculum vitae, transcripts, and references to: **C. J. Kramer, Dean of Faculty, Marlboro College, Marlboro, Vermont 05344. Equal Opportunity/Affirmative Action Employer.**

BIOLOGIST POSITIONS

Applications are invited for two positions at the Assistant Professor level for fall 1975. Ph.D.'s with specialty in plant population genetics or microbial ecology and interest in teaching and research may apply. Submit curriculum vitae, three references, and transcripts to: **Dr. Louis Bragg, Biology Department, The University of Texas at Arlington, Arlington, Texas 76019. An Equal Opportunity Employer.**

THREE BIOLOGY POSITIONS

Position One. Ph.D. Teach introductory biology and courses in area of specialty. Research interests should be in ecology. Mathematical-orientation desirable. *Position Two.* Ph.D. in microbiology. Teach lower and upper level courses in microbiology and immunology. *Position Three.* Minimum Master's degree in Biology. Direct and coordinate labs in introductory biology and certain lower level courses. Positions two and three are 1-year appointments with a possibility for continuation. Send curriculum vitae, transcripts, three letters of reference to: **Dr. M. D. McCracken, Biology Department, Texas Christian University, Fort Worth, Texas 76129. TCU is an Equal Opportunity, Affirmative Action Employer.**

McMASTER UNIVERSITY BIOLOGY DEPARTMENT

Applications are invited for an **ASSISTANT PROFESSOR.** Applicants should hold a Ph.D. in population genetics and should have a strong interest in human genetics. The successful applicant will be expected to teach at undergraduate and graduate levels and to engage in research. Appointment to commence 1 July 1975. Minimum salary for 1974-75 is \$12,850. Applications including a detailed curriculum vitae and the names of at least two referees should be sent as soon as possible to **Dr. D. Davidson, Chairman, Department of Biology, McMaster University, 1280 Main Street West, Hamilton, Ontario, Canada, L8S 4K1.**

DEPARTMENT OF BIOLOGY WESLEYAN UNIVERSITY CELL BIOLOGIST/GENETICIST

Applications are invited for a faculty position in the area of cell biology or genetics. The appointment will be at the Assistant Professor level effective 1 July 1975. Applicants must have demonstrated excellence in research and teaching, and the potential to develop an independent research program which would complement strong, ongoing programs in cellular and developmental biology. Research specialties of particular interest include cell-cell interactions in development, molecular aspects of chromosome structure, and vertebrate somatic cell genetics. Teaching responsibilities involve participation in sophomore-level cell biology or genetics course, plus a senior/graduate course in the appointee's specialty. Applications with curriculum vitae, list of publications, names of references, and a summary of research interest should be sent before 1 March to: **Dr. Barry I. Kiefer, Chairman, Department of Biology, Wesleyan University, Middletown, Connecticut 06457.**

Wesleyan University is an Equal Opportunity/Affirmative Action Employer and encourages applications from minority groups and women.

POSITIONS OPEN

CHIEF CURATOR

The Manitoba Museum of Man and Nature invites applications for the position of Chief Curator.

Duties: Reporting to the Managing Director, the Chief Curator supervises the curatorial research and collections care programs of the library and of the human and natural history divisions for exhibitions, publications, education, and extension. Is responsible for the coordination of all museum curatorial programs and projects. Fosters liaison and mutual cooperation with the historical and scientific community. Undertakes research in chosen discipline. Formulates plans for long-term development and utilization of the museum's collections.

Qualifications: At least Master's degree with some experience in a museum, university, or other research-oriented institution. Demonstrated ability in area of specialization. Capacity to develop rapport with museum personnel and with specialists in related organizations. Aptitude for innovative ideas which would extend museum's role in the community.

Salary: Position will be of interest to individuals earning \$15,000 to \$20,000.

Apply, including résumé and references, to: **K. M. Gillespie, Head, Search Committee, Manitoba Museum of Man and Nature, 190 Rupert Avenue, Winnipeg, Manitoba, R3B 0N2. Application deadline: 31 March 1975.**

DIRECTOR ALLIED HEALTH EDUCATION NAVAJO HEALTH AUTHORITY

A challenging faculty position is available within the Navajo Health Authority to coordinate developing associate-degree training programs in the allied health sciences. Applicants should possess a doctorate with substantial experience in curriculum planning and program development.

Send résumé to: **Navajo Health Authority, Personnel Office, P.O. Box 643, Window Rock, Arizona 86515. Telephone: 602-871-4831, Ext. 247.**

Equal Opportunity Employer

FACULTY POSITION EPIDEMIOLOGIST

The University of Iowa, Department of Pathology, invites applications for an appointment as a Hospital Infectious Disease Epidemiologist. Responsibilities include organization of University Hospital surveillance service, teaching, development of training program in hospital epidemiology. Facilities for research are available. Send curriculum vitae and names of references to: **Edward S. Meek, Department of Pathology, University of Iowa, Iowa City, Iowa 52242.**

ANNOUNCEMENT OF FACULTY POSITIONS—1975-76

Description: The Department of Pathobiology, College of Veterinary Medicine, University of Tennessee, is seeking applications for faculty positions in pathology, clinical pathology, parasitology, clinical parasitology, and clinical microbiology.

Qualifications: Persons applying should possess the D.V.M. or equivalent degree and suitable postdoctoral training or experience. Applicants should also have research experience, and above-average skills in teaching, communication, and interpersonal relations. Faculty members at the ranks of instructor and assistant professor may pursue studies toward graduate degrees.

Responsibilities: Persons appointed to these positions will be expected to contribute to college-wide programs of high scientific quality in teaching, clinical service, research, extension, and continuing education.

Contact: Inquiries, names of recommended candidates, and résumés should be mailed to: **Dr. Robert L. Michel, Head, Department of Pathobiology, College of Veterinary Medicine, University of Tennessee, Box 1071, Knoxville, Tennessee 37901. The University of Tennessee is an Equal Opportunity Employer.**

FACULTY APPOINTMENTS

University of California, Irvine, Department of Radiological Sciences, invites applications for faculty appointments for the 1975-76 academic year at the assistant professor or beginning associate professor level. While all candidates should have competence in general radiology, special competence in chest, bone, gastrointestinal, renal, pediatric, angiographic, or neuroradiology are required. In addition, interdisciplinary interest in engineering, physics, mathematics, physiology, or computer science would be welcome. M.D. and Board eligibility required; demonstrated competence in research and teaching. Duties include teaching in general radiology and subspecialty. Applications from qualified candidates are welcome; minorities and women are encouraged to apply. Send curriculum vitae and names of two references to **Eric N. C. Milne, M.D., University of California, Irvine, College of Medicine, Irvine, Calif. 92664.**

**DIRECTOR,
COLONIAL BIRD NESTING PROGRAM**

The Laboratory of Ornithology, Cornell University, and the National Audubon Society are looking for a person with a Ph.D. or M.S. to head this program. A sound knowledge of data processing techniques, avian ecology, and statistical methods are essential. Effective summer of 1975, this position will be largely administrative, but we expect the director of the program will eventually develop his or her own research program. The continuation of the program will ultimately depend on the ability of the individual to raise funds. Please respond with copies of curriculum vitae and three references to (i) **Director, Laboratory of Ornithology, 159 Sapsucker Woods Road, Ithaca, New York 14853**, and (ii) **Research Director, National Audubon Society, 115 Indian Mound Trail, Tavenier, Florida 33070**. *Equal Opportunity/Affirmative Action Employer.*

DIRECTOR

Essex Marine Laboratory is a nonprofit corporation wholly owned by Wesleyan University. It is located at Essex, Connecticut, along the lower estuary of the Connecticut River. The laboratory conducts pure and applied research in a variety of subdisciplines of natural science as applied to coastal, estuarine, and limnic environments, generally in support of responsible coastal zone management.

Wesleyan is seeking an administrator-scientist to direct Essex Marine Laboratory. Candidates for appointment should possess the following qualifications: strong scientific background and training in oceanography of the coastal zone; substantial experience in applied aspects of interdisciplinary marine science; demonstrated ability in collaborating with governmental agencies, securing and administering contractual projects, and managing personnel; interest in, and a commitment to, the problems of coastal zone management. Terms of appointment and salary rate are negotiable and dependent upon qualifications. *Essex Marine Laboratory is an Affirmative Action/Equal Opportunity Employer.* Persons interested in applying for this position should forward a letter of application, a current résumé, and names of appropriate referees to: **Essex Marine Laboratory, Earth and Environmental Sciences, Wesleyan University, Middletown, Conn. 06457**.

The Department of Zoology has an opening for September 1975 at the Assistant Professor level for an **ENTOMOLOGIST** with postdoctoral training. The candidate should have a firm grasp of modern biology and will be expected to teach courses in General Entomology, Insect Taxonomy, and in an area of specialty. We are not seeking a classical entomologist. Respondents should include curriculum vitae and a brief statement of research plans, and arrange to have three letters of reference sent by 7 March 1975. These should attest to the respondent's ability to maintain a vigorous research program and to direct doctoral research. Replies and letters of recommendation should be addressed to **Dr. Arthur M. Jungreis, Department of Zoology, University of Tennessee, Knoxville, Tenn. 37916**. *The University of Tennessee is an Equal Opportunity/Affirmative Action Employer.*

**INSTITUTE FOR ENVIRONMENTAL STUDIES
UNIVERSITY OF ILLINOIS AT
URBANA-CHAMPAIGN**

New interdisciplinary academic unit is expanding its core faculty. Recruiting currently for four permanent positions, all on regular university budget beginning fall semester 1975. Summer appointment can be considered.

Assistant, Associate, or Full Professor of Environmental Studies. Ph.D. in an appropriate discipline. Teaching experience and interest in teaching undergraduate courses on Man and the Environment. Research responsibility of equal importance.

Academic Position for Gaming-Simulation Specialist. Will be involved in design and development of interactive computerized gaming simulations, and their utilization in education and research applications. M.S. required, Ph.D. or equivalent preferred. Experience in developing and utilizing computer-based gaming-simulation is essential.

Natural Scientist. Assistant or Associate Professor to conduct research individually and within interdisciplinary task forces. Develop and teach, alone or with others, upper-division undergraduate or graduate interdisciplinary courses in the environmental area.

Social Scientist. Assistant or Associate Professor to conduct quantitative research individually and within interdisciplinary task forces. Develop and teach, alone or with others, interdisciplinary upper-division undergraduate or graduate courses in the environmental area.

Contact **Dr. Ben B. Ewing, Director, Institute for Environmental Studies, University of Illinois at Urbana-Champaign, 911 West High St., Urbana, Ill. 61801**.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minority groups and women.

**THE UNIVERSITY OF CALIFORNIA,
DAVIS, SEEKS A DIRECTOR
INSTITUTE OF ECOLOGY**

The Institute of Ecology is a campus-wide organized research unit with a responsibility to foster ecological and environmental research. The responsibilities of the director of the Institute include but are not limited to the stimulation and providing of intellectual leadership, administration of resources and facilities, transmitting of information on extramural support of research, and maintaining liaison with governmental and private organizations interested in the funding of ecological and environmental research.

The directorship would be a minimum of half time; the remainder of the appointment would be as a regular tenure faculty member in an appropriate academic department. The research interest of the director should be either in Ecology or in Environmental Science.

Applications received after 31 March 1975 cannot be assured of consideration. Address applications to **Alex F. McCalla, Dean, College of Agricultural and Environmental Sciences, University of California, Davis, California 95616**. *An Equal Opportunity/Affirmative Action Employer.*

THE DEPARTMENT OF GEOSCIENCES AT PURDUE UNIVERSITY is seeking applicants for an expected faculty opening for the 1975-76 academic year. The position will be filled in the area of **atmospheric chemistry** at the rank of Assistant Professor. The candidate is required to possess a Ph.D. in addition to formal academic background or experience in both atmospheric science and chemistry. This position is intended to provide for the initiation of an atmospheric chemistry program at both the undergraduate and graduate levels. Candidates for this faculty opening will therefore be judged both with respect to their teaching and personal research ability and with respect to their ability to guide and support graduate student research. Letter applications should be sent before 31 March 1975 to **Dr. Gunnar Kullerud, Head, Department of Geosciences, Purdue University, West Lafayette, Indiana 47907**. They should include a comprehensive résumé, a listing of all publications, and the names of three references. Noncitizens should describe their immigration status. *Purdue University is an Equal Opportunity/Affirmative Action Employer.*

HUMAN OR DEVELOPMENTAL GENETICIST Applications are invited for faculty position (Assistant Professor) for September 1975 at urban university. Responsibilities include teaching undergraduate and graduate courses in general genetics as well as specialty area, supervision of M.S. students, and research in biologically oriented areas of genetics. Send, by 1 April, résumé, reprints, brief statement of future research plans, and three letters of reference to: **Dr. James Joule, Biology Discipline, University of Colorado at Denver, Denver, Colorado 80202**. *An Equal Opportunity/Affirmative Action Employer.*

**(VERY LOW LEVEL) RADIOACTIVITY
OCEANOGRAPHIC RESEARCH
LABORATORY HEAD**

Shirt-sleeve research scientist, Ph.D. or equivalent, with oceanographic background to head facility with ten personnel; \$250,000 annual operating budget, essentially government grants. Concentrating on environmental background studies of natural radioactivity and extremely small anomalies now appearing in ocean as result of nuclear pollution. Tracing of water motions and related studies. Title and salary dependent on qualifications. Associate Research—Research \$18,000 to \$30,000 on calendar-year basis. Comments on interests and proposed line of research welcome. Send curriculum vitae and publications list to **Dr. Charles S. Cox, Chairman, Ocean Research Division, Box 1529, Scripps Institution of Oceanography, University of California, San Diego, La Jolla, Calif. 92037**, by 7 March. *UCSD is an Equal Opportunity/Affirmative Action Employer.*

Applications are invited by the **FACULTY OF MEDICINE, MEMORIAL UNIVERSITY OF NEWFOUNDLAND**, St. John's, Newfoundland, Canada, for an appointment in **ANATOMY** at the Assistant or Associate Professor level. Candidates should possess either an M.D. or Ph.D. degree in Anatomy. The salary will be commensurate with qualifications and experience. The successful candidate will be required to take a major part in the teaching of human gross anatomy to medical students, nurses, and residents; additionally, experience in teaching neuroanatomy to medical students will be an advantage.

Applicants should submit a curriculum vitae together with a résumé of their research interests and the names of at least two referees to **Dr. J. D. W. Tomlinson, Chairman, Anatomy Search Committee, Faculty of Medicine, Memorial University of Newfoundland, St. John's, Newfoundland, Canada**. The successful candidate will be expected to take up the position by 1 August 1975.

**CLINICAL
VALIDATION
COORDINATOR**

Cordis needs a responsible individual with a background in physiology with some experience in the use of cardiovascular instrumentation. Knowledge of clinical chemistry and immunology desirable. Responsibilities would include the design and implementation of clinical trials relative to the validation of new medical products.

A degree in the biological/health sciences is required. Prefer an M.S. One to 3 years of experience is desirable.

This unique position offers an excellent starting salary and complete company benefit program, including relocation.

If you qualify for this position, please send your résumé including salary requirements to Mr. Kenneth Greig, Professional Relations Representative.

CORDIS CORPORATION

P.O. Box 370428

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*An Equal Opportunity
Employer M/F*

cordis.

MICROBIOLOGIST

Biocide Development

BETZ LABORATORIES, the leader in specialty chemicals for industrial water treatment, process control and pollution abatement, needs an up-and-coming Microbiologist to assume responsibility for Biocide development programs. Responsibilities will range from formulating and evaluating biocides in the laboratory through field trials and the development of utilization/applications technology. Location: suburban Philadelphia, Pa.

This position requires M.S. or Ph.D. in Microbiology or a closely related major and 1 to 5 years of industrial research or development experience. Formulations experience, particularly in pesticides or a similar field, would be a decided asset.

This position offers above-average compensation and benefits and an opportunity for accelerated career development. To apply in confidence, send résumé including education, experience, and salary requirements to: **STEWART W. LONGWORTH, Manager of Professional Employment, BETZ LABORATORIES, Trevose, Pa. 19047**.

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POSITIONS OPEN

MICROBIAL ECOLOGIST. The Laboratory of Nuclear Medicine and Radiation Biology, University of California, Los Angeles, has an opening for an Assistant Research Microbiologist with principal interests in soil microbiology and trace metals. *The University is an Equal Opportunity Employer and welcomes applications from women and minorities.* Applicants should submit a curriculum vitae, names of three people qualified to submit evaluations, and a letter outlining research interests to **Dr. F. B. Turner, Laboratory of Nuclear Medicine and Radiation Biology, 900 Veteran Avenue, Los Angeles, California 90024.** Closing date is 1 April 1975.

The University of Michigan, School of **NATURAL RESOURCES**, is seeking applicants for academic year, teaching-research, positions in the following areas: Outdoor Recreation, Woody Plant Physiology, and Waterfowl-Wetlands Ecology. An earned Ph.D., or equivalent career experience, is desired.

Applications should be sent to **Dean Charles E. Olson, Jr., School of Natural Resources, The University of Michigan, 3516 Dana Building, Ann Arbor, Michigan 48104.**

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NEUROANATOMIST

Assistant Professorship for one interested in teaching medical students in an "area medical program" (WAMI) associated with a Biological Sciences Department. To teach neuroanatomy and other topics of the nervous system to first-year medical students. Also expected to assist in other anatomy or physiology courses and to maintain an active, independent research program. Must have Ph.D. with strength in neuroanatomy. Send letter of inquiry, listing qualifications, and names and addresses of three referees to:

**Doyle E. Anderegg, Head
Department of Biological Sciences
University of Idaho
Moscow, Idaho 83843**

The University of Idaho is an Equal Opportunity/Affirmative Action Employer.

NEUROPHYSIOLOGIST. Applications are invited for a joint faculty position in the Departments of Physiology and Psychiatry. An assistant or associate professor with experience in intracellular and extracellular microelectrode work will carry on a viable independent research program as well as collaborate on interdisciplinary research projects with neurobiologists. Responsibilities include instruction to medical, graduate and other professional students. Send curriculum vitae and references to: **Dr. M. H. Aprison, The Institute of Psychiatric Research, or Dr. E. E. Selkurt, Chairman, Department of Physiology, Indiana University School of Medicine, Indianapolis, Indiana 46202.** *Indiana University is an Equal Opportunity/Affirmative Action Employer.*

DEPARTMENT OF OPHTHALMOLOGY OF WAYNE STATE UNIVERSITY

The Department is seeking applications for two faculty positions. One is for a vision scientist capable of teaching geometrical and physiological optics and performing clinical research. The second position is for a cytochemist with a thorough background in cytochemical procedures at the EM level. Demonstrated ability to perform clinical and/or basic research is essential. Please send curriculum vitae to **Clifford V. Harding, Ph.D., Director of Research, Department of Ophthalmology, Wayne State University School of Medicine, 540 East Canfield, Detroit, Michigan 48201.** *An Equal Opportunity/Affirmative Action Employer.*

DEPARTMENT OF OPHTHALMOLOGY OF WAYNE STATE UNIVERSITY

The Department is seeking applications from academic ophthalmologists (M.D.), for appointments in ophthalmic pathology and other academic subspecialties of ophthalmology. Demonstrated ability to perform basic and/or clinical research is essential. Please send curriculum vitae to **Chairman, Department of Ophthalmology, Wayne State University School of Medicine, 540 East Canfield, Detroit, Michigan 48201.** *An Equal Opportunity/Affirmative Action Employer.*

PATHOLOGIST, M.D., or D.V.M., Ph.D.; experience required in rodent liver pathology; rank and salary determined by qualifications/experience; individuals on 1 year or more sabbatical acceptable. Send résumé and three references to **Project Director, Division of Pathology Services, University of Arkansas School of Medicine, National Center for Toxicological Research, Jefferson, Arkansas 72079.** *Equal Opportunity Employer.*

POSITIONS OPEN

NEPHROLOGIST—The Division of Nephrology in the Department of Medicine at the University of Alabama in Birmingham has available a position at the Assistant Professor or the Associate Professor level. The position is open to qualified individuals at a senior level fulfilling three criteria. First, the individual must have expertise in the care and management of patients with renal disease and in the operation of a hemodialysis unit. Second, the individual must have a firm commitment to teaching programs oriented to medical students, graduate students, house officers, and fellows. Finally, the individual should have a research background and be able to carry out independent research, preferably in renal micropuncture. Apply to the **Division of Nephrology, University Station, Birmingham, Alabama 35294.** **Telephone: 205-934-3585.** *An Equal Opportunity/Affirmative Action Employer.* Expiration date for receipt of applications: 1 June 1975.

FACULTY POSITION IN PHARMACOLOGY

The Department of Environmental Practice, College of Veterinary Medicine, University of Tennessee, is accepting applications for a position in pharmacology. Duties will consist of both teaching and research in pharmacology. Appointment will be on a 12-month basis. Persons applying should possess the D.V.M., or equivalent degree and suitable postdoctoral education or training.

Applications and inquiries should be addressed to: **Dr. Hiram Kitchen, Professor and Head, Department of Environmental Practice, College of Veterinary Medicine, University of Tennessee, P.O. Box 1071, Knoxville, Tennessee 37901.**

Applications should include a curriculum vitae, transcripts of academic records, three letters of recommendation, and reprints of research papers. Deadline is 1 April 1975.

*The University of Tennessee is an
Equal Opportunity Employer*

PHARMACOLOGY

Applications are invited for a full-time position of Assistant/Associate Professor with a major research interest in Neuropharmacology. Applicants should be prepared to give lectures in this field to medical, dental, and pharmacy students, and to carry on an independent research program. Curriculum vitae and two letters of reference should be sent to: **Dr. J. G. Aldous, Department of Pharmacology, Dalhousie University, Halifax, Nova Scotia, Canada B3H 4H7.**

PHARMACOLOGY McMASTER UNIVERSITY HAMILTON, ONTARIO, CANADA PROFESSIONAL ASSISTANT—RESEARCH (Ph.D. or M.Sc.)

A postdoctoral fellow is required for an integrated research program, the primary objective of which is to relate physiological indices of anesthesia and recovery of anesthesia to specific drug concentrations in the circulation. The appointee will be required to develop a quantitative plasma assays for certain drugs used in general anesthesia using GLC, GC/MS and immunochemical techniques. The appointee will become a member of the interdisciplinary biochemical pharmacology group and the position may have further career opportunities for an individual independent in those areas of chemical research. Interested individuals may obtain information by contacting **Dr. J. Rigg, Room 4V34, Health Sciences Centre, McMaster University, Hamilton, Ontario, Canada L8S 4J9.** **Telephone: 416-525-9140, extension 2668.**

PHYSIOLOGIST

The Department of Surgery at the Peter Bent Brigham Hospital (Harvard Medical School) invites applications from Ph.D. physiologist interested in clinical and experimental circulatory physiology. The position is with an ongoing hospital-centered program; opportunities and facilities for independent work; faculty appointment according to experience. Reply to: **Alfred P. Morgan, M.D., Peter Bent Brigham Hospital, 721 Huntington Ave., Boston, Mass. 02115.**

POSTDOCTORAL JUNIOR OR SENIOR RESEARCH POSITIONS available immediately. Structural characterization of the oligosaccharide moiety of pure membranous angiotensin-converting enzyme and fractionation of antibody to different antigenic determinants of the enzyme. Requirements: Prior pre- or postdoctoral experience in glycoprotein characterization or immunochemical techniques. Please send curriculum vitae and two letters of recommendation to **Dr. R. L. Soffer, Department of Molecular Biology, Albert Einstein College of Medicine, Bronx, New York 10461.**

POSITIONS OPEN

YALE UNIVERSITY DEPARTMENT OF PHARMACOLOGY

Several positions are available for Assistant Professors, or, with exceptionally qualified individuals, Associate Professors, in the following areas: (i) Differentiation and replication control in relation to membranes; cancer chemotherapy and immunotherapy; (ii) cellular aspects of neural function; (iii) and studies of drug metabolism and action in experimental or clinical therapy.

Assistance in establishment of new laboratories and limited support of research is available. Candidates must be prepared to teach in Pharmacology programs. *We welcome applications from minority group members and women in these areas.*

Please send a curriculum vitae, bibliography, three reference names, a summary of past research, and a brief outline of proposed research projects to: **Dr. Robert E. Handschumacher, Chairman, Department of Pharmacology, Yale University School of Medicine, New Haven, Conn. 06510, before 30 April 1975.**

POSTDOCTORAL POSITION

Available immediately to study the isolation and regulation of membrane associated enzymes in a prokaryotic or mitochondrial biogenesis in a eukaryotic organism. Send curriculum vitae and names of three referees to **Dr. Morton M. Weber, Department of Microbiology, St. Louis University School of Medicine, 1402 South Grand Blvd., St. Louis, Missouri 63104.**

POSTDOCTORAL POSITION

Available June 1975 for study of immunocompetent cells in salivary glands and related glands. Work with germfree animals and immunofluorescence. Experience with immunofluorescence techniques important. Immunochemistry and/or cellular immunology background desirable. Staff appointment. Send résumé to: **Head, Department of Immunology, Forsyth Dental Center, 140 The Fenway, Boston, Massachusetts 02115.** *An Affirmative Action/Equal Opportunity Employer.*

POSTDOCTORAL

Immediate opening for biochemist with experience in protein sequencing for study of mutagenic and evolutionary comparisons of histidinol dehydrogenases. Complete sequence laboratory facilities available. Send résumé to **Professor J. C. Loper, Department of Microbiology, University of Cincinnati Medical Center, Cincinnati, Ohio 45267.** *An Equal Opportunity/Affirmative Action Employer.*

PROFESSOR AND CHAIRMAN

State University of New York at Buffalo, School of Medicine, has an opening for the position of chairman of the Department of Pharmacology and Therapeutics. The qualified candidate should be an experienced teacher and administrator with an established research position in the field. He should have interest and at least some experience in clinical medicine. Correspondence with curriculum vitae should be directed to **Felix Milgrom, M.D., Department of Microbiology, State University of New York, Buffalo, New York 14214.** *An Equal Opportunity/Affirmative Action Employer.*

FACULTY POSITION IN PSYCHIATRY

The University of Wisconsin-Madison invites applications from child psychiatrists interested in a faculty position in the Department of Psychiatry. Candidates must be Board qualified in Child Psychiatry and must have had experience in the development and conduct of teaching, research, and service delivery programs. Letters of application or nomination should include a curriculum vitae. *The University of Wisconsin School of Medicine is an Equal Opportunity Employer.*

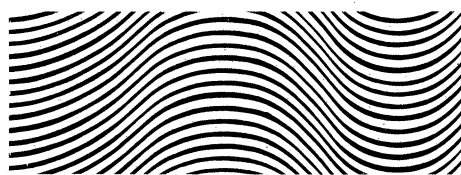
Correspondence should be addressed to: **William T. McKinney, Jr., M.D., Chairman, Department of Psychiatry, University of Wisconsin Medical School, Madison, Wisconsin 53706.**

FACULTY POSITION IN PSYCHIATRY

The University of Wisconsin-Madison invites applications from behavioral neuropharmacologists interested in a faculty appointment in the Department of Psychiatry. Preference will be given to individuals who combine interests in biogenic amines and behavior, polypeptides and behavior, and psychotropic drugs and who do their work in a developmental context. Letters of application or nomination should include a curriculum vitae. *The University of Wisconsin School of Medicine is an Equal Opportunity Employer.*

Correspondence should be addressed to: **William T. McKinney, Jr., M.D., Chairman, Department of Psychiatry, University of Wisconsin Medical School, Madison, Wisconsin 53706.**

GEOPHYSICAL SCIENTIST



Opportunity to participate in the Argonne National Laboratory Coal Extraction & Land Reclamation Program

M.S., Ph.D or Scientist with equivalent experience in Geology, Soils Science, Surface and Subsurface Hydrology, for advanced projects conducted under the auspices of the Laboratory's Energy and Environmental Division. Experience with computer modeling techniques desirable. Familiarity with the geology of coal-bearing formations and alluvial valleys preferred. Must have knowledge of standard geophysical and hydrological sampling, monitoring and analysis techniques and field studies procedures.

Offering opportunity for original contributions, position will involve conducting theoretical, experimental and field studies of the impacts of surface mining

activities on surface and subsurface water resources. This effort will include development and application of hydrological modeling techniques, acquisition and analysis of field data, evaluation of site-specific and activity-specific impacts of coal extraction, land reclamation and related activities. Studies will include assessment of the potential effectiveness of alternative environmental protection and land reclamation techniques, technologies, policies and strategies.

Position is based at the Laboratory's facilities in the suburban metropolitan Chicago area. Commensurate salary plus a very fine fringe benefits program. Communicate in confidence to: Mr. R. A. Johns, Dept. 100B

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POSITIONS OPEN

ASSOCIATE DIRECTOR AND PROFESSOR OF INSTITUTE OF MARINE SCIENCE. Opportunity for established oceanographer to work with staff of 25 professionals in building oceanographic research and teaching programs in Alaska. Responsibilities would include supervision of operations, lead staff in program planning while participating in some research and teaching. Requires extensive experience as principal investigator on funded projects, a substantial publication record, and supervisory experience in a university setting. Position open immediately. Send résumé to **D. W. Hood, Institute of Marine Science, University of Alaska, Fairbanks, Alaska 99701.** An Equal Opportunity/Affirmative Action Employer.

PROJECT MANAGER FOR OCEANOGRAPHIC RESEARCH. Opportunity to manage the operations of multidisciplinary, interinstitutional, international, oceanographic research project focusing on the Bering Sea. Responsibilities for data handling and processing, logistic support scheduling, investigator liaison, and fiscal control. Manager will be executive officer for a scientific research council for the project.

Requires at least M.S.-level training in an oceanographic discipline, several years of experience in the field, and evidence of management capability for large, complex projects. Send résumé to **D. W. Hood, Director, Institute of Marine Science, University of Alaska, Fairbanks, Alaska 99701.** An Equal Opportunity/Affirmative Action Employer.

PSYCHOLOGY

The Department of Psychology, University of Toronto, has an opening from July 1975 on the Erindale College campus. The opening is a 2-year visiting position at the assistant or associate professor level for a Ph.D. in the general area of biological psychology. Candidates in animal learning, comparative psychology, and ethology will be considered but some preference given to candidates in physiological psychology. The main duties are undergraduate teaching and research. Please send a curriculum vitae and names of three referees to: **Dr. F. I. M. Craik, Department of Psychology, Erindale College, University of Toronto, Mississauga, Ontario, Canada L5L 1C6.**

THE DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF NEW BRUNSWICK, invites applications for an anticipated position at the full or associate professor level, Ph.D. required. 1 July 1975 appointment. Demonstrated research and teaching accomplishment a requisite. Area of specialization open, but particular interest in physiological and applied. Inquiries and applications should be sent to: **Allen Felder, Chairman, Department of Psychology, University of New Brunswick, Fredericton, N.B., Canada.**

Applications are invited for a **RESEARCH POSITION IN COMPARATIVE ANIMAL BEHAVIOR OF MARINE OR TERRESTRIAL ORGANISMS.** Send curriculum vitae, names and addresses of references, and reprints of publications via air mail to **Director, Smithsonian Tropical Research Institute, P.O. Box 2072, Balboa, Canal Zone,** by 7 April 1975.

SENIOR ANATOMIST

Experienced teacher, Associate or Full Professor, currently pursuing an active research program. Duties: Course director, gross anatomy, and assist in planning and implementation of new programs. Send inquiries with curriculum vitae to: **Dr. M. R. Schweisthal, Department of Anatomy, School of Medicine, East Carolina University, Greenville, N.C. 27834.** ECU is an Equal Opportunity/Affirmative Action Employer.

TEACHING ASSISTANTSHIPS AND FELLOWSHIPS with remission of tuition available for graduate study in biochemistry. Areas of research include molecular biology, membrane biochemistry, metabolism of bone and phosphorous compounds, immunochemistry, and physical biochemistry. An undergraduate degree in biology, biochemistry, or chemistry with a B average or better is required, as are GRE scores. Inquiries: **Head, Department of Biological Chemistry, University of Illinois at the Medical Center, Chicago, Illinois 60612.** An Equal Opportunity Employer.

VETERINARY PHARMACOLOGY AND BIOCHEMISTRY

Training positions available in pharmacology and in biochemistry. Start: February–September 1975. Duties: half-time assistance in teaching and research, half-time graduate study. Stipend: \$5,000 to \$12,000 dependent upon experience. Send curriculum vitae and names of three references to: **Dr. H. E. Dziuk, Department of Veterinary Biology, University of Minnesota, College of Veterinary Medicine, St. Paul, Minn. 55108.** Equal opportunity employer.

POSITIONS OPEN

VIROLOGISTS

Immediately available are positions for a postdoctoral fellow and a junior staff member to study antigenic variation in influenza viruses, the origin of new influenza viruses, and the molecular basis of virulence. Excellent research facilities with competitive salaries. Inquiries and curriculum vitae should be sent to **Dr. R. G. Webster, Department of Virology, St. Jude Children's Research Hospital, P.O. Box 318, Memphis, Tennessee 38101.** An Equal Opportunity Employer.

GRADUATE STUDY

TRAINING IN REPRODUCTIVE BIOLOGY. A small number of fellowships are available for highly qualified applicants in a training program consisting of either postdoctoral research or of graduate work leading to the Ph.D. in Reproductive Biology. Although the program includes work in corpus luteum physiology and neuroendocrinology, we are especially interested at this time in individuals whose interests may be in the mechanism of hormone action, or in hormone biosynthesis, secretion, transport, and metabolism. For further information, write to **Dr. I. Rothchild, Department of Reproductive Biology, Case Western Reserve University, Cleveland, Ohio 44106.**

COURSE

INTRODUCTORY ELECTRON MICROSCOPY Cornell University—2–13 June 1975

A course designed for scientists, either physical or biological, who would like to apply microscopical techniques to their research or development programs. The course provides a sound basis upon which participants can develop their competence in microscopy. The course will consist of lectures, demonstrations, and laboratory practice. Instructors are **Sydney S. Breese, Jr.,** of the Plum Island Animal Disease Laboratory and **George G. Cocks** of Cornell University. Tuition is \$550. For more information write or call **Professor George G. Cocks, Olin Hall, Cornell University, Ithaca, N.Y. 14853.** Telephone: 607-256-5268.

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP IN REPRODUCTIVE BIOLOGY

is available. Applicants should be interested in the physiology and biochemistry of mammalian embryos during the preimplantation period. Development of the embryo during this period and regulation of embryo genome activity are the general areas of research. Apply with curriculum vitae to: **R. L. Brinster, Laboratory of Reproductive Physiology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pennsylvania 19174.**

POSTDOCTORAL

Protein chemistry/amino acid and carbohydrate sequence; \$10,000 per year. Send résumé and references to

**S. K. Chan
Biochemistry Department
University of Kentucky
Lexington, Kentucky 40506**

POSTDOCTORAL FELLOWSHIP

Applications are invited for an opening involving studies in tumor immunology and virology at the Comparative Leukemia Studies Unit, New Bolton Center, University of Pennsylvania. Please submit curriculum vitae and references to **Dr. Jorge F. Ferrer, University of Pennsylvania, New Bolton Center, Kennett Square, Pa. 19348.**

Fellowships available for interdisciplinary graduate program in **BIOMEDICAL COMPUTING AND INFORMATION PROCESSING.** National Institutes of Health/National Library of Medicine fellowships are available for those with baccalaureate degree in health professions or computing services for studies leading to the M.S. or Ph.D. in a College of Medicine department or in the Department of Computer and Information Science. Applications must be received by 1 April 1975 for the 1975–1976 year. For information, write to **Gregory L. Trzebiatowski, Ph.D., Assistant Dean for Medical and Graduate Education, Ohio State University College of Medicine, 2066 Graves Hall, 333 West Tenth Avenue, Columbus, Ohio 43210.**

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIPS IN A MULTIDISCIPLINARY PROGRAM IN CRANIOFACIAL ANOMALIES

Postdoctoral fellowships are now available for periods up to 2 years. Applications are invited from individuals with D.D.S., M.D., or Ph.D. degrees in one of the biological or behavioral sciences. The program objective is to provide fellows with specific research programs and a broad exposure in the detection, diagnosis, improvement of treatment, genetic counseling, and study of normal and abnormal craniofacial development, including molecular biology. The fellowship stipends start at \$10,000. Send curriculum vitae and two letters of reference to **Dr. Harold C. Slavkin, Program Director, Department of Biochemistry, School of Dentistry, Gerontology Center, University of Southern California, Los Angeles, California 90007.** The University of Southern California is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOWSHIP IN ASTRONOMY

An opening is available for a postdoctoral fellow at the Lunar and Planetary Laboratory of the University of Arizona. He will be expected to work closely with two senior astronomers in observational programs related to star formation in dark clouds. It is desirable that his doctoral dissertation has been closely related to this topic. He must already be familiar with infrared and polarimetric instrumentation and with the operation of large telescopes. Please supply full particulars on capabilities in the area of research described. Apply before 1 April 1975 to **Dr. George V. Coyne, Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona 85721.** The University of Arizona is an Equal Opportunity Employer.

SUMMER STUDY

Marine Science, Duke University Marine Laboratory SUMMER COURSES: Undergraduate: 12 May—Introduction to Biological Oceanography. Graduate/Advanced Undergraduate: 16 June—Ecology, Comparative and Evolutionary Biochemistry, Phytoplankton Systematics, Physiological Ecology of Marine Animals, Chemical Oceanography, Geological Oceanography. 21 July—Comparative Behavior, Membrane Physiology and Osmoregulation, Marine Invertebrate Zoology, Biological Oceanography, Chemical Pollution of Coastal Waters, Marine Microbiology, Marine Phycology. Write: **Director, Duke University Marine Laboratory, Beaufort, North Carolina 28516.**

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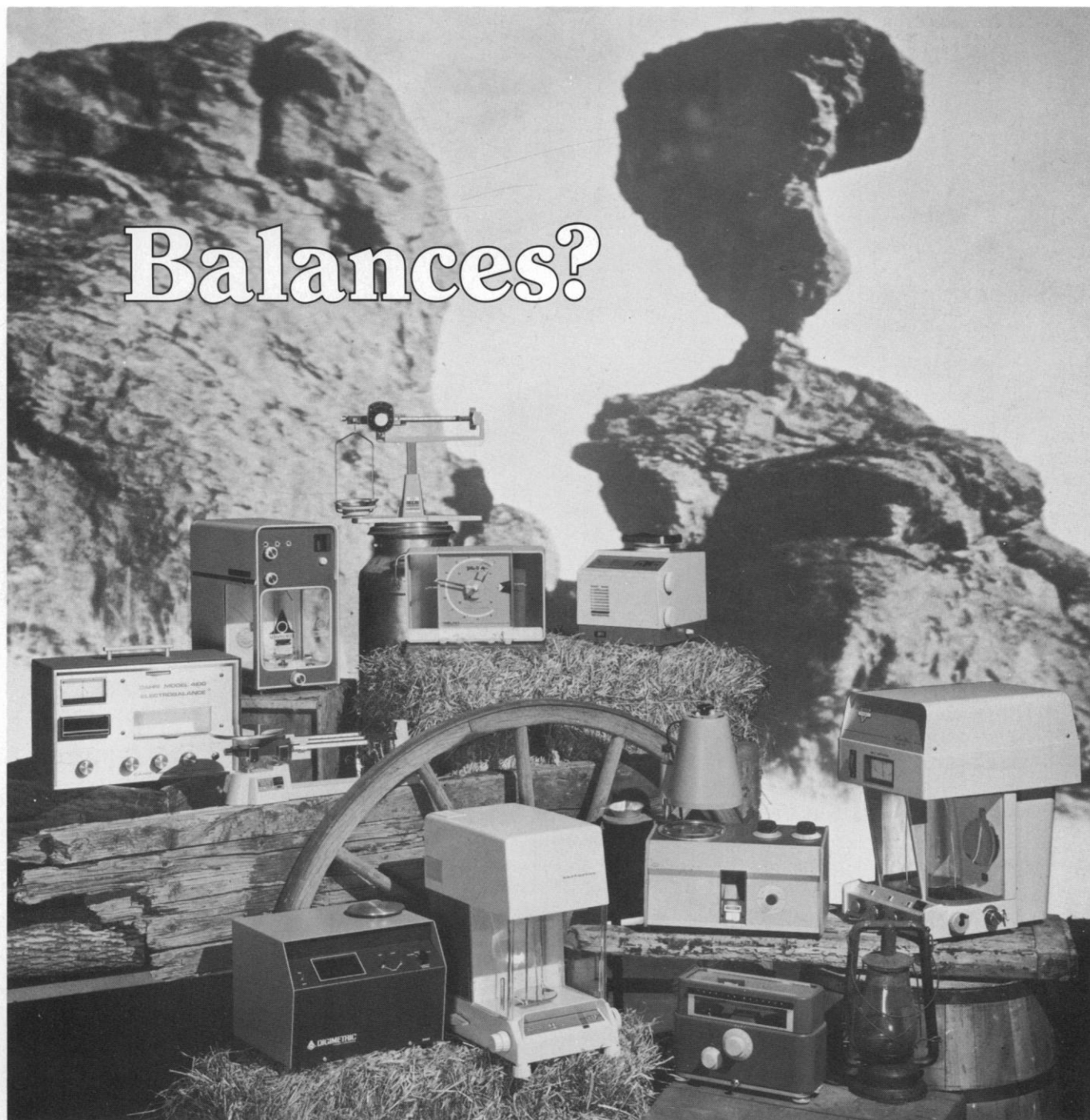
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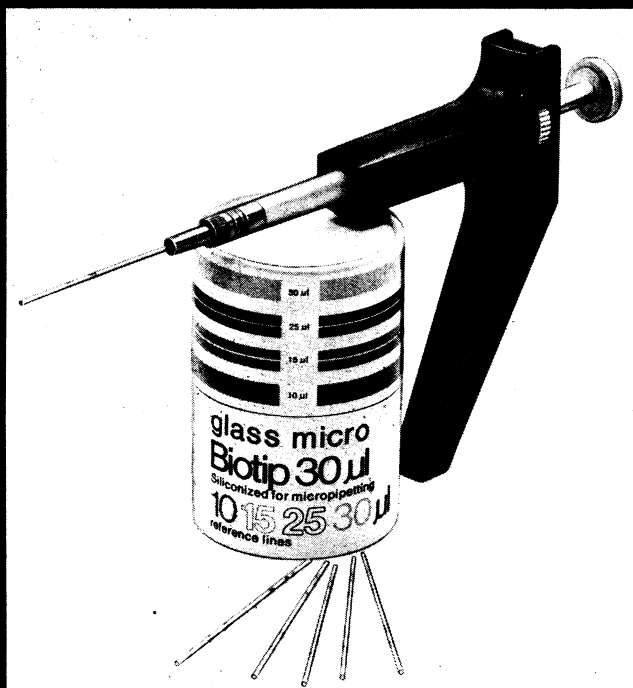


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