

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.

POSITIONS WANTED: 40¢ per word; use of Box Number counts as 10 additional words. Minimum charge \$10. Prepayment required. This rate applies to individuals only; personnel agencies and companies take display rate for all advertising.

DISPLAY (POSITIONS OPEN, MARKET PLACE, AND SO FORTH): \$110 per inch, minimum (1 inch is equivalent to 12 lines of 48 characters each). Ads over 1 inch billed to nearest quarter inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Prepayment required for foreign advertising. Purchase orders and billing information must accompany all other advertising.

COPY for ads must reach SCIENCE by Wednesday, 3-1/2 weeks before issue date (Friday of each week) requested. Send copy for all positions wanted ads and display ads under 5 inches to:

SCIENCE, Room 207
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Send copy for display ads, 1/6 page and larger, to:

Scherago Associates, Inc.
11 West 42nd Street
New York, N.Y. 10036

BLIND AD replies should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Biochemical Toxicologist, Sc.D. Seeks biomedical/environmental research/teaching. Major interest in biochemical mechanisms of toxicity and models of neurological diseases. Research experience in organophosphate neuropathy, heavy-metals pharmacodynamics, and abnormal hemoglobins. Teaching experience in toxicity, environmental sciences, and chemistry. Available 15 July 1975. Box 227, SCIENCE. X

Biologist, Ph.D. botany/zoology. Publications. Experience in phytoplankton/zooplankton dynamics as indicators of water quality. Postdoctorate experience in algal systematics. Seeks position in related field, including research or teaching. Box 228, SCIENCE. 5/23; 6/6

Chemist-Pharmacologist, Ph.D. (chemistry), currently at major northeastern medical school pharmacology department. Publications, teaching and research experience. Current interest: caffeine-local anesthetic interactions in muscle; structure-activity relationships. Seeking teaching/research position. Box 229, SCIENCE. X

Ecologist, Chinese origin, M.Sc., Ph.D. 1973, pollution ecology, toxicity, sewage utilization, soil biology. Two years of undergraduate postgraduate teaching and publications. Seek research job. Box 230, SCIENCE. X

Molecular Immunologist-Microbiologist seeks employment. Wide experience. Research emphasis has been on the structure and function of immunoglobulins. Able researcher and teacher. Prefer near Northwest and Northeast. Box 205, SCIENCE. 5/23

Physical Biochemist, Ph.D. 1973. Two years of postdoctoral training and publications. Experience in membrane transport, lipid, protein chemistry. Background in physical, biochemistry, instrumentation, computers. Desires position with industry/government. Box 231, SCIENCE. X

Physiologist, Ph.D. 1958. Extensive medical and allied health science teaching experience. Organized several bioscience courses including laboratory for graduate and undergraduate students. Heart research in metabolism/function with many publications. Desires teaching/research position. Box 221, SCIENCE. 5/23

POSITIONS OPEN

ASSISTANT CURATOR IN HERPETOLOGY OR ICHTHYOLOGY to start 1 January 1976. Appointment at half-time for 12 months, emphasizing Recent or fossil taxa; duties chiefly in collection management but include research and graduate student guidance. Ph.D. required. Send curriculum vitae and three letters of reference to **R. F. Johnston, Museum of Natural History, The University of Kansas, Lawrence, Kan. 66045.** *The University of Kansas is an Equal Opportunity Employer, encouraging applications by qualified persons of all races.*

ASSISTANT OR ASSOCIATE LIBRARIAN—SCIENCE CATALOGER SCIENCE AND ENGINEERING LIBRARY

Supervises and implements a range of science and engineering functions which include classifying, cataloging, and processing of all monographs, serials, technical reports, maps, and other materials in the Science and Engineering Library. Qualifications: Bachelor's degree in physical or engineering sciences, MLS degree from an ALA accredited school, and subject cataloging experience in a large university or technical library are required. Experience with OCLC and working knowledge of German or Russian are desirable. Faculty rank of Assistant or Associate Librarian. Salary: \$12,027 to \$15,900.

ASSISTANT LIBRARIANS—SCIENCE LIBRARY (TWO POSITIONS)

Provides bibliographic, reference, and interlibrary loan services and assists in conducting computerized searches in the Science and Engineering Library. Qualifications: MLS degree from an ALA accredited school required. A bachelor's degree in one of the physical sciences, previous experience in a scientific library, and reading knowledge of French or German are desirable. Faculty rank of Assistant Librarian. Salary: \$10,000+.

Please send applications to: **Dr. Arthur Cole, Libraries' Personnel Officer, State University of New York at Buffalo, 308 Lockwood Memorial Library, Buffalo, New York 14214.** *An Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR, immediate opening in unique, internationally known department for research and teaching in science and technology of fermented products, wine, and brandy, especially production and engineering aspects. Ph.D. with qualifications in chemical or biochemical engineering required. Food or fermentation science or related fields are of supporting value, but wine expertise may be learned later. Send résumé and references to **Dr. A. D. Webb, Chairman, Department of Viticulture and Enology, University of California, Davis, California 95616.** *The University of California is an Equal Opportunity Employer. We encourage applications from persons regardless of sex, ethnic, or racial background.* Applications received after 31 July 1975 are not assured consideration.

ASSISTANT PROFESSOR—Biochemistry, Ph.D.

A budget line, hard money position, 12-month basis, with duties in medical, dental, graduate, and nursing schools. Starting date flexible, 1 January to 1 July 1976. Teaching load is moderate; sufficient free time for independent research. Facilities are generally adequate. Salary level \$16,000.

Any qualified individual is invited to apply. Send curriculum vitae and references before 1 July 1975 to: **Head, Department of Biochemistry, Louisiana State University Medical Center, New Orleans, La. 70112.**

HORTICULTURISTS—TWO POSITIONS

Assistant Professor—Teaching undergraduate course(s) in vegetable production, graduate course in hormonal control of plant growth. Research in vegetable physiology. Requires Ph.D. in Horticulture or related field with strong background in plant physiology and biochemistry.

Assistant or Associate Professor—Teaching undergraduate courses in horticulture, graduate course(s) in morphogenesis of horticultural plants or plant tissue culture. Supervise graduate students in ornamental horticulture, and take the lead in developing a strong graduate program in horticulture. Develop a research program utilizing tissue culture. Requires Ph.D. in Horticulture or related field with strong background in plant physiology in the area of tissue culture. Experience in teaching and graduate student supervision.

Positions available 1 July 1975. Send résumés, transcripts, and three letters of reference by 15 June to **Dr. O. E. Smith, Chairman, Department of Horticulture, Washington State University, Pullman, Wash. 99163.** *An equal opportunity & affirmative action employer.*

POSITIONS OPEN

ASSISTANT PROFESSOR—Botany. Nine-month appointment. Primarily undergraduate biology and botany teaching. Emphasis on basic biology, organismic botany, and lower plants. Ph.D. required. Teaching experience desirable. Send curriculum vitae, official transcripts, and three letters from persons knowledgeable of the candidate's abilities to: **Dr. Donald R. Scoby, Chairman of Search Committee, Department of Botany, North Dakota State University, Fargo, N.D. 58102.** *Equal Opportunity/Affirmative Action Employer.* Deadline for applications: 15 June 1975.

ASSISTANT PROFESSOR Ecologist—for September 1975

Ph.D. to teach undergraduate courses in ecology and participate in introductory course. Interest in marine or estuarine ecology desirable. Send résumé and three letters of recommendation to **H. Marguerite Webb, Chairman, Department of Biological Sciences, Goucher College, Towson, Maryland 21204.**

An Equal Opportunity Employer

ASSISTANT OR ASSOCIATE PROFESSOR OF INSECT (INVERTEBRATE) PATHOLOGY

Position available for 1 September 1975 for qualified person with relevant Ph.D. to develop and teach new courses in insect pathology. Also must be capable of developing new basic and applied research program on insect viruses of importance in crop protection. Must have strong background in pathology and virology and be adaptable to doing research in an Agricultural Experiment Station situation. Postdoctoral experience preferred. Closing date for applications is 20 May 1975. Send résumé with names of five references to **Dr. P. L. Adkisson, Head, Department of Entomology, Texas A&M University, College Station, Texas 77843.** *An Affirmative Action/Equal Opportunity Employer.*

ASSISTANT PROFESSOR OF PHARMACOLOGY AND INTERNAL MEDICINE Full-time position available 1 July 1975

Clinical pharmacologist with strong background in both pharmacology and internal medicine, qualifying him or her for an assistant professorship in both departments. Position includes teaching and research, with appropriate responsibilities for patient care. Opportunity for academic advancement and gradual increase in responsibility for planning future growth and development of this interdisciplinary program. Apply to: **Dr. Edward A. Carr, Jr., Department of Pharmacology, University of Louisville, Health Sciences Center, P.O. Box 1055, Louisville, Kentucky 40201.** *An Equal Opportunity/Affirmative Action Employer.*

Ph.D. BIOCHEMIST/PHYSIOLOGIST

Research position available at Instructor level. Qualifications: Postdoctoral experience; good background in kinetics and statistics; experience in bone metabolism. Salary dependent upon qualifications. *Female and minority candidates are encouraged to apply.* For information write:

**D. J. Baylink, M.D.
Seattle VA Hospital
Seattle, Washington 98108**

BIOLOGIST

We are accepting applications until 16 June for a position in biology at the Instructor or Assistant Professor level. Candidates must be interested in teaching biology to students in health-related programs and must be willing to teach both day and evening classes. Candidates must hold at least a master's degree in a biological science with course work in vertebrate anatomy, vertebrate physiology, and microbiology. Work in biochemistry, histology, parasitology, and pathology and teaching experience in a health-related program are desirable. Apply with résumé to **Dr. David Cook, Science and Mathematics, Floyd Junior College, Rome, Georgia 30161.** *Floyd Junior College is an Equal Opportunity/Affirmative Action Employer.*

ENERGY-RELATED TRAINEESHIP. The National Science Foundation has awarded energy-related traineeship to the departments of atmospheric sciences, chemistry, geology and chemical, electrical and nuclear engineering at the University of Missouri-Columbia. Qualified M.S. and Ph.D. graduate students in these areas should write: **Chairman, Nuclear Engineering, University of Missouri-Columbia, Columbia, Missouri 65201,** for applications. Awards are available for fall semester 1975 and winter semester 1976. The deadlines for receipt of applications are, respectively, 1 July 1975 and 15 October 1975.

POSITIONS OPEN

BIOLOGY FACULTY APPOINTMENTS AS ASSISTANT PROFESSOR (TWO) AND ASSOCIATE PROFESSOR (ONE) starting no earlier than January 1976 are anticipated. Assistant professorship candidates should have at least 2 years of postdoctoral experience and detailed plans for independent research programs. Associate professor candidates should have an established program of research. Appointments will be made to complement existing projects in the areas of animal virology, molecular genetics, and developmental biochemistry. Applicants will be evaluated for demonstrated potentials of research and ability to teach undergraduates as well as graduates. Send curriculum vitae including publications and at least three references to: **Faculty Recruitment Committee, Department of Biological Sciences, Mellon Institute of Science, Carnegie-Mellon University, 4400 Fifth Avenue, Pittsburgh, Pa. 15213. An Equal Opportunity/Affirmative Action Employer.**

BIO-MATHEMATICIAN/AGRICULTURIST

University of California, Davis. The Department of Vegetable Crops has an opening in the Agricultural Experiment Station for a person with a rank equivalent to Assistant Professor to conduct research and teaching programs in biological modeling, systems analysis of crop production, and applied statistics. The appointment will be on an 11-month basis. Applicants must have a Ph.D., preferred training in plant biology, statistics, and computer science. Preference will be given to qualified applicants with knowledge in production of annual crops. Approximately 75 percent of the time will be devoted to research, with general objectives to study, describe, innovate, and improve vegetable production and quality. General program areas would be growth, culture, and physiology. Specific research area could be soil-plant-water relationships, growth-development-environment, or one of several other possibilities utilizing systems analysis and biological modeling. Teaching duties include direction of graduate student research, supervision of graduate students on experimental design, statistics, and computer programming. Undergraduate/graduate courses in applied statistics may develop.

Applicants should submit curriculum vitae and list of publications, including reprints, undergraduate and graduate transcripts, and three letters of recommendation by 1 July 1975, to: **Dr. Mas Yamaguchi, Search Committee Chairman, Department of Vegetable Crops, University of California, Davis, California 95616. Telephone: 916-752-1743. Résumés received after 1 July may not be considered.**

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

BIOPHYSICIST

One- to two-year research position at the Laboratory of Radiobiology, University of California, San Francisco. The position requires a person with Ph.D. in Biophysics and at least 2 years of postdoctoral experience with automatic cell synchronization of mammalian cells and with techniques of microfluorimetry and isopycnic centrifugation. Applicant should submit by 1 June 1975 curriculum vitae, copies of research publications, and names and addresses of three referees to **Dr. Robert B. Painter, Associate Director, Laboratory of Radiobiology, University of California, San Francisco, Calif. 94143. The University of California is an Equal Opportunity/Affirmative Action Employer.**

IMMUNOBIOLOGIST

Research staff position (Assistant Professor rank) available 1 September for Ph.D. or M.D. with experience in cellular immunology and preferably also in biochemistry. Responsibility for developing an independent research program as part of an interdisciplinary effort oriented to understanding of genetic, ontogenic, and physiological effects of energy-related environmental agents. Opportunity to participate in graduate-level teaching. Applications including curriculum vitae, copies of representative publications, and names and addresses of at least three referees should be sent to **Professor Harvey M. Patt, Director, Laboratory of Radiobiology, School of Medicine, University of California, San Francisco, Calif. 94143. The University of California is an Equal Opportunity/Affirmative Action Employer.**

IMMUNOLOGIST

Assistant Professor with interests in drugs and drug therapy to teach at the undergraduate and graduate levels as well as development of a strong research program. Postdoctoral and/or teaching experience preferred. Applicants should send a curriculum vitae and names of references to **Dr. Yusuf Abul-Hajj, College of Pharmacy, University of Minnesota, Minneapolis, Minnesota 55455. An Equal Opportunity Employer.**

POSITIONS OPEN

CHIEF OF PATHOLOGY / RESEARCH PATHOLOGIST / OCCUPATIONAL RESPIRATORY DISEASES

The National Institute for Occupational Safety and Health (NIOSH) (Center for Disease Control, U.S. Public Health Service), is seeking a pathologist interested in cardio-pulmonary research to serve as Chief of Pathology or as Pathologist at the Appalachian Laboratory for Occupational Respiratory Diseases (ALFORD) in Morgantown, West Virginia. Responsibilities will include (i) analysis of the data collected through the National Coal Workers' Autopsy Study; (ii) clinical-radiological-pathological correlations in occupational disease; and (iii) basic research in occupational respiratory diseases in a uniquely equipped facility including high-resolution radiography, x-ray fluorescence, scanning electron microscopy, microprobe analysis, transmission electron microscopy, and computer-aided image analysis. Affiliation with adjacent West Virginia University Medical School affords opportunity for teaching of medical students and house staff.

Candidate must be a medical doctor well trained (preferably Board eligible or Board certified) in anatomic pathology, with demonstrated excellence as an investigator in at least some of the areas described above. Experience or demonstrated interest in occupational or environmental medicine and epidemiology are desired.

Positions are in the Career Civil Service or the Public Health Service Commissioned Corps. Salary range is \$20,000 to \$40,000, depending on qualifications, experience, and personnel system. Liberal fringe benefits apply.

Interested candidates should send inquiries, curriculum vitae, and references (within 30 days) to: **Pathology Section, ALFORD, P.O. Box 4292, Morgantown, West Virginia 26505. An Equal Opportunity Employer.**

AMERICAN HEALTH FOUNDATION seeks the following professionals for its new research facility, The Naylor Dana Institute for Disease Prevention on the Westchester County Medical Center Campus, 30 miles north of New York City:

CHIEF, DIVISION OF NUTRITION, preferably M.D., for studies on nutrition and causes of heart disease and/or cancer.

CHIEF, DIVISION OF TOXICOLOGY, preferably M.D., for studies on chronic effect of chemicals in animal models and man.

DOCTOR OF VETERINARY MEDICINE to function as manager of new 12,000-square-foot Laboratory Research Animal Facility.

Send curriculum vitae, including bibliography, to: **Dr. J. H. Weisburger, American Health Foundation, Naylor Dana Institute, Valhalla, New York 10595. An Equal Opportunity Employer.**

THE UNIVERSITY OF TEXAS AT DALLAS DEAN OF NATURAL SCIENCES AND MATHEMATICS

Applications and nominations are invited for the deanship of Natural Sciences and Mathematics.

Duties require the development and administration of graduate degree programs leading to the Ph.D. in the natural sciences and mathematics, and in upper-level undergraduate programs in the School of Natural Sciences and Mathematics.

Starting date: On or before 1 September 1975.

Salary: Open.

Indication of ethnicity and sex for Affirmative Action statistical purposes is requested but not required. Send applications and nominations before 9 June 1975 to: **Alexander L. Clark, Vice President for Academic Affairs, The University of Texas at Dallas, P.O. Box 688, Richardson, Texas 75080. The University of Texas at Dallas is an Affirmative Action/Equal Opportunity Employer.**

ELECTRON MICROSCOPE TECHNICIAN

The University of Texas at El Paso announces a staff position for a B.S.- or M.A.-level graduate in Biological Sciences with a strong background in Chemistry and a minimum of 1 year of experience in TEM of biological tissues. Expertise in ultramicrotomy, darkroom procedures, tissue preparation, freeze-etching, vacuum evaporation, and operation of a high-resolution transmission electron microscope is required. Skill in teaching and supervision is important. Funds currently available through May 1977. Send résumé, transcripts, and three letters of recommendation to: **Dr. Joanne T. Ellzey, Chairman, Search Committee, Biological Sciences, University of Texas at El Paso, El Paso, Texas 79968. Application deadline: 31 May 1975. UTEP is an Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

MONTANA STATE UNIVERSITY FISHERIES BIOASSAY LABORATORY

Research staff openings on energy-related research for the following: Aquatic Zoologist (Ph.D. or M.S.), Biology Technician (M.S. or B.S.), Analytical (Organic) Chemist (Ph.D.), Analytical/Water Chemist (Ph.D.), and Chemistry Technician (M.S. or B.S.). When writing, include a statement of specific interests, résumé, list of references, data available, and salary requirements. **Rosemarie C. Russo, Department of Chemistry, Montana State University, Bozeman, Mont. 59715. MSU is an Equal Opportunity Employer.**

UNIVERSITY OF QUEENSLAND LECTURER IN PHYSIOLOGY

Applications are invited for the above position in the Department of Physiology (which includes Pharmacology). A sound background in research is essential, and the successful applicant will be required to continue research and to participate in teaching and other related duties (quote reference No. B26275, 29 June).

Salary: Within the range \$A11,250 to \$A15,100 per annum.

Other benefits: Superannuation similar to FSSU, housing assistance, study leave, traveling, and removal expenses.

Additional information and application forms are obtainable from the **Staff Officer, University of Queensland, St. Lucia, Queensland, 4067, Australia.**

FACULTY POSITIONS IN MARINE STUDIES

The Institute for Marine Studies of the University of Washington is seeking candidates for faculty positions in several areas of marine policy and management. Duties would include graduate-level teaching and research, both individual and as a member of multidisciplinary teams. Areas of professional interest include coastal zone planning and management, marine transportation and commerce, and marine resource development and management. Positions are at the level of assistant or associate professor and are available as early as September 1975. Submit curriculum vitae or nominations to **Professor Donald L. McKernan, Director, Institute for Marine Studies (HA-35), University of Washington, Seattle, Wash. 98195. An Equal Opportunity/Affirmative Action Employer.**

MEDICAL GENETICIST

Assistant or Associate Professor, September 1975, to participate in teaching graduate and medical school courses. Ph.D. or M.D. with at least 3 years of postdoctoral experience. Salary \$18,000 to \$21,000 depending on qualifications. Please send curriculum vitae and references to: **Head, Division of Medical Genetics, University of Oregon Health Science Center, Portland, Oregon 97201. An Equal Opportunity Employer.**

NEUROPHYSIOLOGIST (Ph.D.) with at least 2 years of postdoctoral experience in cellular physiology, including mammalian intracellular techniques and in vitro systems, for a position as Assistant Professor of Neurology involving research in experimental epilepsy and participation in neuroscience training programs. Send curriculum vitae and names of three referees to **David A. Prince, M.D., Chairman, Department of Neurology, Stanford University School of Medicine, Stanford, Calif. 94305. Stanford University is an Equal Opportunity through Affirmative Action Employer.**

PHYSIOLOGY POSITION

Teaching with some research. Title: Assistant Professor of Animal Sciences, Washington State University. *Washington State University is an equal opportunity/affirmative action employer.* Those desiring to apply for this position should send a complete résumé by 15 June 1975 to:

**Dr. R. L. Preston, Chairman
Department of Animal Sciences
Washington State University
Pullman, Washington 99163**

PHYSIOLOGY

Assistant/Associate Professor, with experience of teaching medical students and competence in research. Preference given to applicants with expertise in neurophysiology. Salary negotiable, depending on experience. Write to: **Dr. A. R. Lind, Physiology Department, St. Louis University Medical School, 1402 S. Grand, St. Louis, Mo. 63104. An Equal Opportunity/Affirmative Action Employer.**

**LINCOLN UNIVERSITY
COLLEGE OF AGRICULTURE
New Zealand
LECTURER/SENIOR
LECTURER IN
AGRICULTURAL
MICROBIOLOGY**

The Council of Lincoln College invites applications for the position of Lecturer/Senior Lecturer in Agricultural Microbiology. Applicants should have a post-graduate degree in Science or Agricultural Science, and have appropriate teaching and research experience.

Duties include lecturing to Degree and Diploma classes particularly in those aspects relating to plant diseases and the supervision of postgraduate students. Research in a field of Microbiology related to Agriculture will be encouraged.

The successful applicant will be appointed as Lecturer or Senior Lecturer according to qualifications and experience. Present academic salary scales are: Lecturer NZ\$7,787-\$9,838; Senior Lecturer NZ\$10,007-\$11,718 (Bar) \$12,062-\$12,743. New Zealand Government Superannuation available.

Removal expenses and fares of the successful applicant will be reimbursed up to specified limits.

Conditions of Appointment giving further details of this position at Lincoln College can be obtained from the Association of Commonwealth Universities (Appts), 36 Gordon Square, London WC1H 0PF, or from the Registrar of the University.

Applications close on 30 June 1975.

**UNIVERSITY OF PAPUA
NEW GUINEA (Port Moresby)**

Applications are invited for the post of CHIEF TECHNICIAN IN THE DEPARTMENT OF BIOLOGY. The post carries responsibility for the administration and organisation of the teaching laboratories and for the provision of full technical service and assistance to the Department's teaching staff. The appointee will be required to supervise and programme the work of the technical staff and to assist in the University Technician Training Scheme. Candidates should have a wide experience in laboratory work as well as formal qualifications to the level of Associate of the Institute of Science Laboratory Technicians (London) or equivalent. They should be competent in and willing to be personally involved in the provision of technical service (including training of Junior Technicians) in one or more of the following areas—microscopy, histology, histochemistry, museum techniques, photography, phylum technology. Appointment at a lower grade may be offered in the absence of suitably qualified applicants.

Salary scale: A\$10,388-A\$11,856 p.a. (£1 sterling = A\$1.78). In addition, an allowance of A\$1,300 p.a. if single is payable. An extra A\$1,000 Marriage Allowance and A\$156 per child Allowance may also be payable. Conditions include provision of housing, study leave, annual leave fares, FSSU type superannuation. In some cases it may be possible to make an appointment on secondment. Applications should be in duplicate and include a curriculum vitae, the names and addresses of three referees, a recent small photograph and an indication of estimated starting date. Further details and the conditions of appointment are available from The Secretary, P.O. Box 4820, University of Papua, Papua, New Guinea. Send applications as soon as possible.

TOXICOLOGIST

We are seeking candidates with a Ph.D. in Pharmacology or Experimental Toxicology.

A minimum of 3 years, experience in independent toxicology research and laboratory supervision is highly desirable. Will be responsible for broad-range toxicology programs at the Corporate level.

We are a highly diversified "Fortune 500" chemical company offering excellent opportunity for professional growth and development. Please send your résumé and salary requirements in confidence to:

Box 234, SCIENCE

An Equal Opportunity Employer M/F

THE UNIVERSITY OF CALGARY

**FACULTY OF MEDICINE
DIVISION OF
MORPHOLOGICAL
SCIENCE**

Applications are invited from candidates with an M.D. and/or Ph.D.

Salary and rank commensurate with experience.

Applicants must have an active interest in research. Ability to teach gross anatomy would be an asset. Effective date 1 July 1975, or as arranged. Nominations and/or applications will be received by Dr. C. Levene, Professor, Division of Morphological Science, The University of Calgary, Calgary, Alberta, Canada, T2N 1N4. Applications are to be accompanied by a detailed curriculum vitae.



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• **Mail to:** Membership and Subscription Records, AAAS, 1515 Massachusetts Ave., NW, Washington, D.C. 20005.

☐ **Change of Address:** Please provide 6 weeks' notice. Paste an address label from a recent issue in the space provided. Print new address below.

☐ **Query:** If you have a question, place your address label here and attach this form to your letter.

• **To join or subscribe:** Mail this form with your payment, mark the appropriate boxes, and print your name and address in the space below. (For renewals, attach label.)

☐ **Membership rates** (individual only)

☐ \$25 USA ☐ \$31 Canada, PUAS ☐ \$32 Foreign
☐ \$55 Airlift to Europe, North Africa, Near East

☐ **Subscriber rates**

☐ \$50 USA ☐ \$57 Canada, PUAS ☐ \$58 Foreign
☐ \$80 Airlift to Europe, North Africa, Near East

☐ Payment enclosed ☐ Bill me later

Name Please print

Address

City State Zip MT05

**ATTACH
LABEL
HERE**

OBSERVATORY PROJECT MANAGER

The University of Texas McDonald Observatory requires a person to oversee the daily operations of the lunar laser ranging experiment. Seek recent Ph.D. in observational astronomy or related field. Instrumentation and/or supervisory experience preferred. Residence at McDonald Observatory is required. Beginning salary commensurate with education and experience. Submit résumé to **E. C. Silverberg, McDonald Observatory, P.O. Box 1337, Fort Davis, Texas 79734**, or apply: **The University of Texas at Austin, Office of Personnel Services and Employee Relations, 108 East 19 Street, Austin, Texas 78712. An Equal Opportunity and Affirmative Action Employer.**

PHYSICAL CHEMIST. Small state liberal arts college seeks Instructor or Assistant Professor. Ph.D. preferred. Strong commitment to teaching. Majors in biology, mathematics, and natural science. To teach courses in general chemistry, physical science, and physics as well as in physical chemistry. An interest and background in environmental studies desired. Salary from \$9,500 to \$13,000, depending on qualifications. By 10 June, send letter and résumé to: **Dr. C. M. Wilson, Chairman, Science Division, St. Mary's College of Maryland, St. Mary's City, Maryland 20686. An Equal Opportunity/Affirmative Action Employer.**

PLANT ECOLOGIST AND TAXONOMIST

SWARTHMORE COLLEGE has a position open for the 1975-76 academic year, replacing a professor on leave. Courses to be taught are: Fall Semester—"Plant Ecology," a double credit subject involving lectures, field, and laboratory teaching. Spring Semester—(i) "Taxonomy of Seed Plants," lectures, laboratory, and field teaching; and (ii) participation in a team taught elementary course "Organismal and Population Biology" (lectures and laboratory).

Inquiry for this 1-year position should include curriculum vitae, names, and addresses of potential references, and specific explanation of preparation for teaching the undergraduate subjects listed above. **Norman A. Meinke, Chairman, Department of Biology, Swarthmore College, Swarthmore, Pa. 19081. Swarthmore College is an Equal Opportunity Employer.**

POSTDOCTORAL POSITION

Immediately available. Work concerns sugar nucleotide interconverting enzymes. Experience in carbohydrate chemistry and enzyme purification helpful.

Dr. Helmut Ankel
Department of Biochemistry
The Medical College of Wisconsin
561 North 15 Street
Milwaukee, Wisconsin 53233

RESEARCH ASSISTANTSHIPS IN BIOMATHEMATICS

Applications are invited for predoctoral research assistantships in biomathematics. Background desired includes undergraduate chemistry, biology, and physics; mathematics through ordinary differential equations and linear algebra; working knowledge of a computer language; and high GRE, MAT, or MCAT scores. Minor deficiencies may be remedied. Stipend \$4000 per year. Send application to **Dr. William Siler, Chairman, Biomathematics Department, University of Alabama in Birmingham, Birmingham, Ala. 35294. An Equal Opportunity Employer.**

RESEARCH ASSOCIATES TUMOR IMMUNOLOGY

Two contract-supported positions available 1 June in La Jolla, California (San Diego area), research institution to (i) develop techniques for the selective enrichment of inflammatory cells recovered from disaggregated neoplasms or (ii) investigate macrophage-mediated cytotoxicity. Applicants with backgrounds in immunology and working familiarity with cell separation techniques or macrophages are preferred. Salary \$13,500 to \$15,500. Send complete résumé to: **Box 232, SCIENCE.**

RESEARCH ASSOCIATE

Applied mathematicians and/or fluid mechanics needed for research on mathematical modeling of lake currents and aquatic ecosystems. Candidates should have common sense and competence in numerical methods and fluid mechanics. Competence in or willingness to learn biology and chemistry is desirable. Applicants should send résumé and references to **Professor Wilbert Lick, Department of Earth Sciences, Case Western Reserve University, Cleveland, Ohio 44106. An Equal Opportunity Employer.**

POSITIONS OPEN

DSIR—NEW ZEALAND SCIENTIST OR ENGINEER GEOTHERMAL RESERVOIR RESEARCH

DSIR is expanding its geothermal research program and requires a qualified scientist or engineer (who may be a recent graduate) for work on geothermal reservoirs. Applicants should be competent in computer modeling of physical systems involving mass and heat transfer. This is an opportunity to join a research laboratory with an international reputation in this field.

A salary of up to NZ\$11,562 per annum is payable depending on qualifications and experience.

For further information please write to the **Director, Physics and Engineering Laboratory, Private Bag, Lower Hutt, New Zealand.**

Application forms, details of passage assistance, and so forth may be obtained from the **New Zealand Ambassador, New Zealand Embassy, Washington D.C.**

Applicants should quote Vacancy No. 1994 and forward applications to the **New Zealand Ambassador, New Zealand Embassy, 19 Observatory Circle, NW, Washington D.C. 20008**, by 5 July 1975.

SENIOR RESEARCH ASSISTANTS. Two (2) positions currently open for candidates with M.S. in biochemistry or molecular/cell biology to participate in the study of the structure and function on intestinal and/or renal epithelial cell brush borders. Send curriculum vitae, transcript, and three letters of reference to:

James W. Brown, Administrative Assistant
Comparative Animal Research Laboratory
1299 Bethel Valley Road
Oak Ridge, Tennessee 37830
Equal Opportunity Employer

SENSORY NEUROANATOMY —ULTRASTRUCTURE

Interdisciplinary center for sensory sciences has faculty position for investigator of neurosensory system by modern anatomical techniques including ultrastructure and light microscopy. Must lecture on neuroanatomical systems, offer advanced systems and techniques-oriented graduate seminar, and train graduate and postdoctoral students in laboratory. Rank and salary open. Send curriculum vitae to: **Dr. H. G. Sperling, Sensory Sciences Center, 6420 Lamar Fleming Avenue, Houston, Tex. 77025. An Equal Opportunity/Affirmative Action Employer.**

STATISTICAL ECOLOGIST

A full-time research position at the Assistant Professor level is now open with the Center for Environmental and Estuarine Studies of the University of Maryland for a statistical ecologist. Candidates should have a strong background in biostatistics and quantitative ecology. Qualified individuals are invited to submit a detailed résumé, postmarked before 30 June 1975, to: **Dr. Robert E. Ulanowicz, Chairman, Search Committee, Center for Environmental and Estuarine Studies, P.O. Box 38, Solomons, Maryland 20688. The University of Maryland is an Equal Opportunity Employer.**

TERRESTRIAL ECOLOGIST

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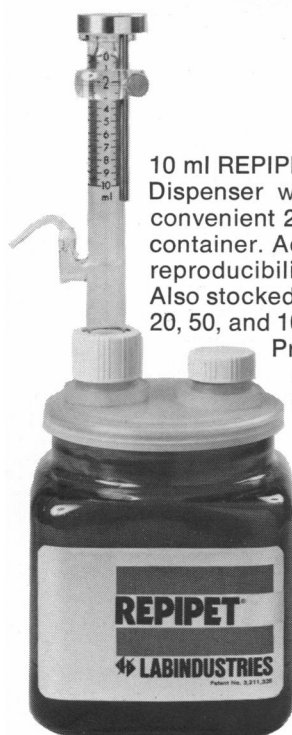
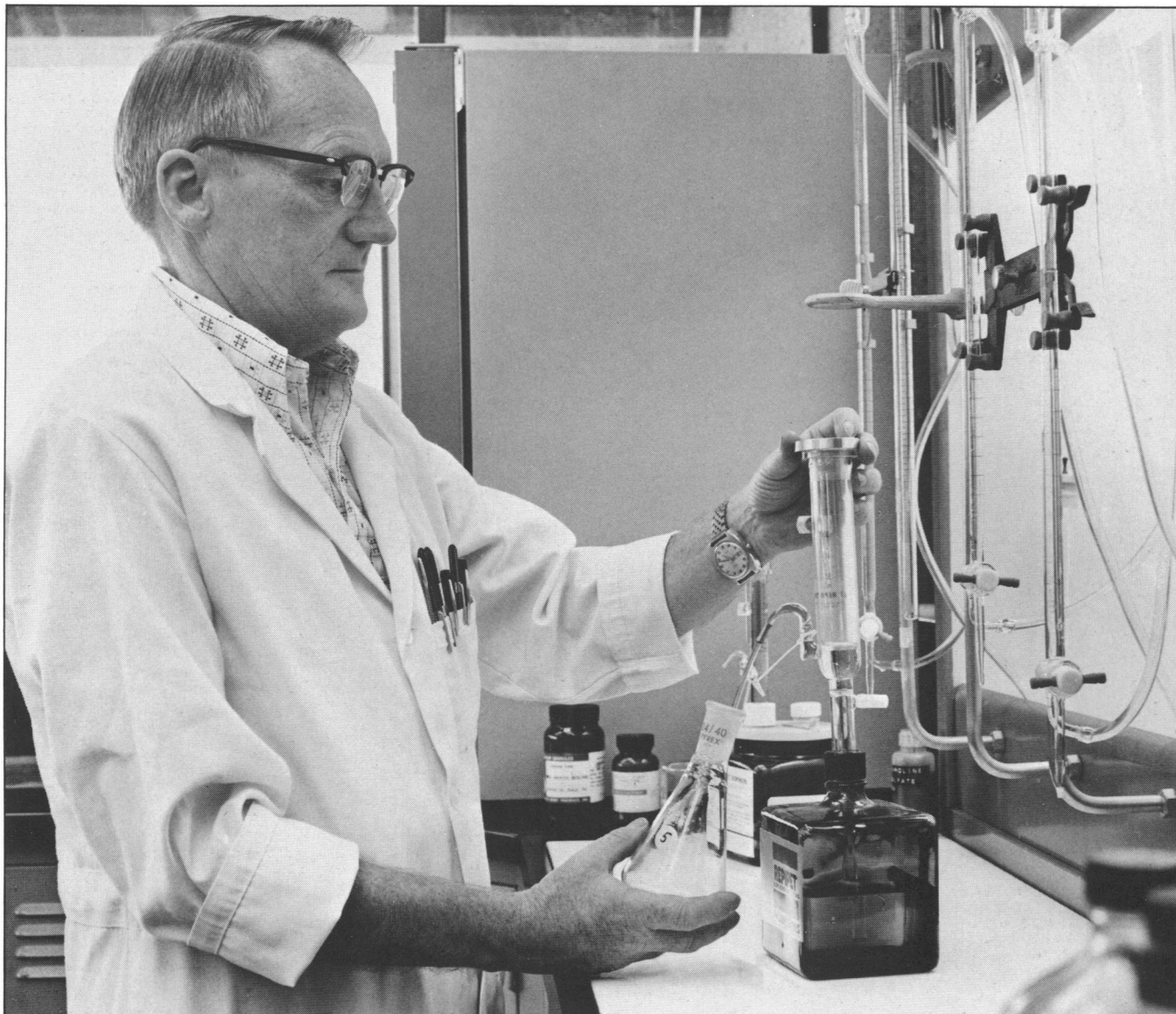
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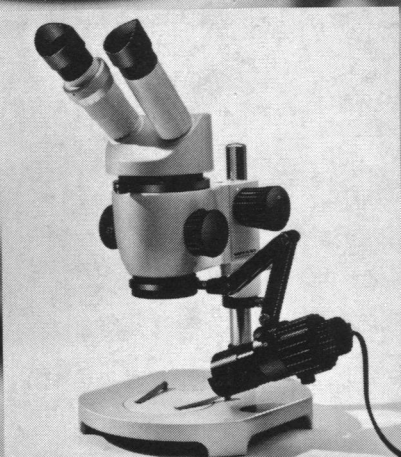
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