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Applications are invited for a position in the Department of Physics for work on the ultrastructure of ion transporting structures and of the role of ion transporting elements in the counterion and specialized techniques in electron microscopy of epithelial structures (tubule, skin, bladder) as well as electron microscopy of plant organs. Some experience in electron microscopy is desirable. Opportunities are available for both collaborative and independent research and for the development of laboratory facilities. Please send complete curriculum vitae including publications and the names and addresses of three references to: Chairman, Electron Microscope Search Committee, Yale University School of Medicine, 33 Cedar Street, New Haven, Connecticut 06510.

BIOSTATISTICIAN

With programming experience, Ph.D. desirable. Will work in cancer epidemiology. Faculty-appointed position at M. D. Anderson Hospital, Department of Epidemiology and Public Health Fund, from Dr. T. Winter Steen, M. D., Room 407, 6000 Main Street, Houston, Texas 77030. An equal opportunity employer.

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Applications are invited for a Chair of Geology who was on leave in 1974-75, who seeks to return to the Department of Geology and Geophysics at the University of Sydney. The successful candidate will require a considerable grounding in research, teaching, and relevant administrative experience. The appointment will be tenure-track.

MICHIGAN STATE UNIVERSITY,

EAST LANSING, MICHIGAN

Chairman and Professor of the Department of Pathology. The department is the focal point in the university's research activities in the field of pathology, and is responsible for the professional education of students in Human Pathology, Ophthalmic Pathology, Pathology of the Eye, and Veterinary Medicine. The successful candidate will require an exceptional record in research, teaching, and relevant administrative experience. The appointment will be tenure-track.

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The SCIENCE AND PUBLIC POLICY PROGRAM AND THE CENTER FOR ENGINEERING AND TECHNOLOGY INSTITUTE, UNIVERSITY OF OKLAHOMA, is seeking a chemical engineer for a 15-month visiting position in our evaluation and assessment program. The position would be available from 1 June 1974 to 31 March 1975. The primary task is a joint teaching research appointment. Qualifications are a background in thermodynamics and the ability to coordinate and supervise teams of natural scientists, engineers, and social scientists. The University of Oklahoma is an equal opportunity employer. Send resume to: Dr. J. E. Baker, Director, Program in Science and Public Policy, University of Oklahoma, Norman, Oklahoma 73069.

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BIOLOGIST

Substitutive leave replacement for the 1974-75 academic year. To teach courses in microbiology, human anatomy and physiology, and principles of biology. Ph.D. preferred. Appointment will be at the instructor or assistant professor level. Send curriculum vitae and arrange to have three letters of reference sent to: Dr. J. W. Edwards, Professor and Chairman, Department of Biology, Salem College, Winston-Salem, N. C., 27108.

CHAIRPERSON

BIOCHEMISTRY DEPARTMENT

Applications and nominations are sought for the position of Chairman, Department of Biochemistry, The University of Texas Health Science Center at San Antonio. Qualifications include evidence of research, teaching and administrative experience. Letters of inquiry, applications and nominations should be directed to: Dr. Arthur H. Marks, Chairman, Department of Biochemistry, The University of Texas Health Science Center at San Antonio, 7703 Floyd Divis, San Antonio, Texas 78284. Applications should be arranged to have the names of at least three persons from whom letters of reference can be obtained: An Equal Opportunity, Alternative Action Employer.

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CLINICAL CHEMIST

M.S. or equivalent required for position of supervisor in the clinical chemistry assay laboratory. Experience in radioimmunoassay and knowledge of computer programming is necessary. Send resume to: The Endocrine Center, 200 University Circle Research Center, Cleveland, Ohio 44106.

CSIRO

DIVISION OF MECHANICAL ENGINEERING (HIGH TEMPERATURES)

APPOINTMENT OF CHIEF DIVISION

CSIRO has a broad charter for research into primary industry services and basic research. The Division has approximately 6500 employees, 2100 of whom are professional scientists, located in Divisions and Sections throughout Australia.

GENERAL Responsiblities: Applications are invited from scientists and engineers who have an established record of professional and research achievement and leadership interested in the position of Chief, Division of Mechanical Engineering. The Division has been created following the appointment of Mr. R. N. Morse as director of the CSIRO Solar Energy Studies Unit. The Division, which is located at Highett approximately 12 miles from the city of Melbourne, staffed of approximately 100, including 42 professional staff, will be established.

DUTIES: The Chief of the Division is responsible to the Executive for the conduct and direction of research activities, for planning, administration and for the control of funds available to it. A Chief is expected to make recommendations to the Executive on the future orientation of the research programs. An Executive expects the Chief to contribute to the development of the Division of Mechanical Engineering and Building, especially in view of the Division's present work and subsequent recognition of the significance of high temperature research and the prediction of future program orientation. The Executive expects the Chief to keep in view the need and potential of the Division for efficient organization and performance.

Further information: A member of the CSIRO Executive, Mr. J. Burgmann, will be visiting North America and the United States in May 1974 and will be available for discussions concerning the appointment with applicants and other interested parties. Those interested in discussing the position may contact either the Chief Scientific Liaison Officer, Australian Embassy, 12 Grosvenor Crescent, London, W8 2D8, or the Counsellor, Science and Technology Section, Australian Embassy, Washington, D.C. 20036. It may also be possible to arrange such discussions at a number of points on a limited basis. Application will be made to the United States. Scientists interested in discussing the position may contact the Chief Scientific Liaison Officer, Australian Embassy, Washington, D.C. 20036. The salary appropriate overseas office is contacted in ample time to enable the Australian Government to make an appointment.

Further information on the Division's activities can be obtained by writing to The Secretary (Administrative) CSIRO, P.O. Box 225, Dickson, A.C.T. 2602, Australia.

APPLICATIONS: Applications stating full particulars of qualifications and experience, at least two referees, and quoting reference number 210-329 should be received by 14 June 1974.

The Secretary (Administrative)

P.O. Box 225
Dickson, A.C.T. 2602

507
ENvironments Sciences

Postdoctoral appointments and also staff positions at the Ph.D. and B.S. levels are available in several research programs related to the measurement and assessment of the environmental impact of the utilization of nuclear and fossil fuels in the Great Lakes Region. Areas of interest include limnology of the Great Lakes, stream ecology, terrestrial ecology, and meteorology.

Send résumé to: Donald A. Johns, Professor, Argonne National Laboratory, 9700 South Cass Ave., Argonne, Ill. 60439.

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Send curriculum vitae, any available reprints, and three letters of reference to: James J. Gozzo, Ph.D., Chairman, Search Committee, College of Pharmacy, Health Professions, Robinson Hall Room 261, Northeastern University, 360 Huntington Ave., Boston, Massachusetts 02115. Northeastern University is an equal opportunity/affirmative action employer.

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Candidates meeting above qualifications are urged to apply irrespective of race, sex or ethnic origin.

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Research Scientist (Ph.D.) in geophysics, applied math, or fluid mechanics to work on ongoing research program in the dynamics of ocean-ides. Research experience in this type of research preferred. Please send résumé to:

Dr. John T. F. Kuo
Lamont-Doherty Geological Observatory
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INSTRUCTOR or ASSISTANT PROFESSOR

Position available in the Department of Psychiatry, University of Michigan Medical School. Candidate is to work on special studies and clinical research. Must be capable of supervising all treatment modalities. Must have demonstrated teaching and research skills. Must be Board eligible or Board in Psychiatry. Additional training in other medical specialties desirable but not essential. Send résumé to Box 214, SCIENCE.

INSTRUCTOR or ASSISTANT PROFESSOR

Position available in the Department of Psychiatry, University of Michigan Medical School. Candidate is to participate in a psychosomatic research and consultation program of the Department. Must have demonstrated teaching and research skills. Must be Board eligible or Board in Psychiatry. Additional training in other medical specialties desirable but not essential. Send résumé to Box 214, SCIENCE.

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Send curriculum vitae, bibliography, and three letters of reference along with first inquiry to:

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Chairman, Department of Surgery
University of California Medical Center
225 W. Dickinson Street
San Diego, California 92103

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The University of Michigan announces a faculty opening for a geological oceanographer, preferably at the Assistant Professor level. A Ph.D. in oceanography, geophysics, or marine geology is required. Responsibilities include: teaching a research program in area of specialty; and initiating an interdisciplinary program in geological oceanography/marine geology.

Interested persons should submit a curriculum vitae and the names of three references to Dr. Edward Callender, Chairman, Oceanography Search Committee, Department of Atmospheric and Oceanic Science, The University of Michigan, 5052 East Engineering Building, Ann Arbor, Michigan 48104.

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POSITIONS OPEN

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Research Scientist (Ph.D.) in oceanography-paleo-oceanography, paleoceanology, to become member of on-going research in CLIMAP Project. Required background in statistical analysis (transfer function, time series), marine geology, micropaleontology, physical oceanography. Position open 1 May. Please send résumé to:

Dr. Andrew McAuliffe
364 Oceanography Building 31, Room A-25, NINRDS, Bethesda, Maryland 20894

Send curriculum vitae, bibliography, and names of three references to: Dr. W.T. Liens, Chairman, Department of Oceanography, Lamont-Doherty Geological Observatory, Palisades, New York 10964

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POSITIONS OPEN

NEUROSCIENTIST-ANATOMIST-CELL BIOLOGIST

The Department of Cell Biology of the University of Texas Health Science Center at Dallas, Southwestern Medical School seeks a senior neuroscientist to teach neuroanatomy to medical students and establish a research program. Applications are also sought for assistant professorships in the area of cell biology and human gross anatomy. Postdoctoral research experience and teaching experience are desirable. Positions available July 1, 1974.

Send curriculum vitae, bibliography, and names of three references to: Dr. J. B. Billingham, Department of Cell Biology, University of Texas Health Science Center, Southwestern Medical School, Dallas, Texas 75235.

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ANALYTICAL BIOCHEMIST

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Location: Kalamazoo, Michigan, a medium-sized community near lakes and recreational areas. Excellent living and working conditions.

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INSTRUCTOR for Associate Degree Program in Radiologic Technology, based in health science building fully equipped for laboratory and radiography. Program affiliated with four local hospitals for clinical placements. Applicants should be registered (ARRT) and have baccalaureate degree. At least 2 years of teaching in radiology and General Clinical experience preferred. Salary negotiable. Contact: Dr. Olga Kushch, Dean, Community College, 10900 S. 88th Ave., Palos Hills, Ill. 60465.

RESEARCH ASSISTANT PROFESSOR OF MEDICINE, Temple University School of Medicine. The position requires or will lead to Board Certification in Pathologic Anatomy and Clinical Pathology. The applicant must have experience in research with publications in the field. The research must include experience in electron microscopy and immunopathology. The research will be concerned with the biology and immunology of human malignant melanoma and certain ophthalmic systems in the guinea pig. Reply to Ms. Olga Kushch, Dean, Community College, 10900 S. 88th Ave., Palos Hills, Ill. 60465.

RESPIRATORY PHYSIOLOGIST

Applicants are invited for one faculty position at the Assistant Professor level. It will be expected that individuals selected will develop a research program as well as participate in teaching of medical and graduate students. Send résumé to Chairman, Department of Physiology, University of New Mexico School of Medicine, Albuquerque, N.M. 87131.

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DEPARTMENT OF VETERINARY MICROBIOLOGY

WESTERN UNIVERSITY OF VETERINARY MEDICINE

UNIVERSITY OF SASKATCHEWAN

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Position: Veterinary Parasitologist

Rank: Assistant Professor, Associate Professor

Salary: $13,000 to $19,500 per annum.

Qualifications: D.V.M., postgraduate training in parasitology and research experience, and strong interest in clinical aspects of parasitism.

Duties: Undergraduate and graduate teaching, research and diagnostic parasitology.

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Please send letter with curriculum vitae and names of three referees to:

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Department of Veterinary Microbiology
Western Veterinary Medical University
University of Saskatchewan
Saskatoon, Saskatchewan
Canada S7N 0W0

COURSES

MARINE SCIENCE

SOUTHBAY COLLEGE, SUMMER 1974

Undergraduate, graduate. Session I: 24 June to 22 July. Course: Atlantic Oceanography, Biology Marine Invertebrates, Marine Ecology, Session II: 29 July to 28 August. Marine Operations, Comparative Physiological Marine Animals. For information and application: Elizabeth Professor, Assumption College (easternmost center Long Island University), Southampton, L.I., N.Y. 11964. (516) 283-4009.

SOUTH CANAL MARINE BIOLOGICAL LABORATORY—Summer Program

Ecology of Marine Fishes (19 June to 23 July), Robert Lawver, University of Wisconsin, Milwaukee, and Natural History, with guest participants William Ethier, Edmund Hosen, Basil Napaktitis, and others.

Ecology of Marine Microorganisms (25 July to 28 August), Carl Oppenheimer, Institute of Marine Sciences, University of Texas with guest participants Thomas Fenchel, University of Arsht, Denmark, Cornelius Sullivan, and William Webbe.

Program in Neuroscience (25 July to 28 August). See special announcement below. During the academic year, graduate and undergraduate courses are available during the fall and spring quarters. Research opportunities and conference facilities are available throughout the year.

For additional information, write Russell Zimmerman, Box 398, Santa Catalina Marine Biological Laboratory, Avalon, California 90704 or phone (213) 746-6792.

University of Southern California

SANTA CATALINA MARINE BIOLOGICAL LABORATORY

Sommer Program in Neuroscience 25 July to 28 August 1974

Five-week electrophysiology course and opportunity to participate in research during and after the course. The course includes topics on single cell recording, neuronal physiology, and directed laboratory work, the course course. The research will include the study of the neural mechanisms of behavior, and the teaching of the research will be provided by the Grass Foundation of Quincy, Massachusetts.

For details contact Russell L. Zimmerman, Santa Catalina-Marine Biological Laboratory, Box 398, Avalon, Calif. 90704 or phone (213) 746-6792.

PROGRAM

CONFERENCE

The First Annual National Conference on Biochemical Research Problems in a Changing World, has been held at Sheraton Park in Washington, D.C., on 5, 6, and 7 February 1974 sponsored by the University of Maryland and Medicine, Inc. The latest developments and breakthroughs in such strategic activity areas of biochemistry as Heart, Vascular and Kidney Studies; Cancer Studies, Prosthesis Developments, Instrumentation Development and Biochemical Ethics has been presented by the leading scientists of the country. For a copy of the Conference Proceedings, write to: Conference, Bio-Medical Science, Inc., P.O. Box 637, Laurel, Maryland 20810.

CONFERENCE MANAGEMENT

Expansion of Multi-Disciplined Conference Division of small company welcomes opportunities to plan, program, and implement all aspects of conferences, and conferences in all areas of success. Successful track record.

For handling your conference write Conference, Med-Science, Laurel, Md. 20810, or phone (301) 652-4700.

POSTDOCTORAL FELLOWSHIP

Opening available 1 July 1974, for a Fellow (M.D. or Ph.D.) in gastrointestinal physiological research for 12 months with option for renewal. Stipend depends on experience and qualifications, and three references to G. Robert Mason, M.D., Ph.D., Professor and Chairman, Department of Surgery, University of Kansas Children's Hospital, 22 S. Greene Street, Baltimore, Md. 21201.

APPLICATIONS ARE INVITED FOR THE FOLLOWING POSTDOCTORAL FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP

Available for 1 or 2 years in the Departments of Physiology and Surgery, working on acute renal failure under the direction of Dr. Albert Hermreck. Ph.D. or M.D. required. Salary commensurate with qualifications and training up to a minimum of $12,000 per annum. Early date of commencement is desired. Applications to Dr. A. Hermreck, Department of Surgery, University of Kansas Medical Center, 39th & Rainbow, Kansas City, Kansas 66103.

POSTDOCTORAL FELLOWSHIP

FELLOWSHIP IN VASCULAR AND MEMBRANE PHYSIOLOGY

A fellowship commemorating Dr. Louis G. Weitz is open to an MD or Ph.D. interested in postdoctoral research in the areas of membrane and receptor physiology. The fellowship would be available in one of the departments of Medicine, University of North Carolina, Chapel Hill, for 2 years. Application letter should include a curriculum vitae and three letters of recommendations. The start date is 1 November 1974.

POSTDOCTORAL FELLOWSHIP

Cellular and Tumor Immunology, Immediate, $30,000 taxable. Experience with lymphoid cells in vivo and in vitro desirable. Send curriculum vitae, bibliography, and two references by 21 July. To:

Dr. N. S. Harris
Transplant-Immunology Division
Shriners Burns Institute
Galveston, Texas 77550

POSTDOCTORAL FELLOWSHIP

(ENDOCRINOLOGY-BIOCHEMISTRY)

Applications invited from suitably qualified individuals with previous experience in mammalian cell culture and/or membrane biochemistry to study endocrine regulation of growth and development in normal and neoplastic in vivo and in vitro systems. Applications should be submitted immediately. Write to:

Dr. Donald F. Steinberg
Department of Biochemistry
University of Chicago
920 East 58th Street
Chicago, Illinois 60637

POSTDOCTORAL FELLOWSHIP

(CELL BIOLOGIST)

Applications are invited for postdoctoral fellowships in cell biology or virology in a cancer research center in Toronto. A fellowship of up to $9,000 to $12,000 per annum. Research areas include hemopoiesis, RNA, tumor virology and cellular differentiation. Immediate availability. Send application, Box 228, SCIENCE.

UNIVERSITY OF MELBOURNE RESEARCH FELLOWSHIPS

Several fellowships are awarded twice each year for full-time research in any department of the University. Eligibility: Ph.D. or at least equivalent research experience.

Tenure: 1 to 2 years.

Salary: $8,698 (Australian), $470 annual increment, plus return air fare.

Detailed information from Secretary for Graduates in Science, University of Melbourne, Parkville, Victoria, 3052.

Applications close 15 May 1974.

GRANTS

UNIVERSITY OF MELBOURNE TRAVEL GRANTS AND GRANTS-IN-AID

Grants are available to enable academics on paid leave to conduct full-time research or to engage in postgraduate teaching at the University of Melbourne.

Details of application available from Chairman of appropriate department and Secretary for Graduate Studies, University of Melbourne, Parkville, Victoria, 3052.

Applications close 15 May 1974.
Years ago, the old coal-burning stove did a fair job of heating, but its performance was naturally a far cry from today's modern methods.

In the case of hot plates and combination hot plate/magnetic stirrers, we can offer you a variety of models ranging in price from $16.25 to $530.00... made by such outstanding manufacturers as Chromalox, Corning, Hoskins, Lab-Line, Lindberg, Precision-Scientific and Thermo-lyne. There are light-duty, heavy-duty, micro, explosion-proof — even remote control types... in various shapes and sizes to meet any requirement.

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Balplan introduces extraordinary versatility with modularity, interchangeability and a wide choice of equipment. You can, in fact, design your own personal Balplan to fit your specific needs. And, to keep your Balplan constantly modern, Bausch & Lomb hasscheduled a long parade of new components and accessories.

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