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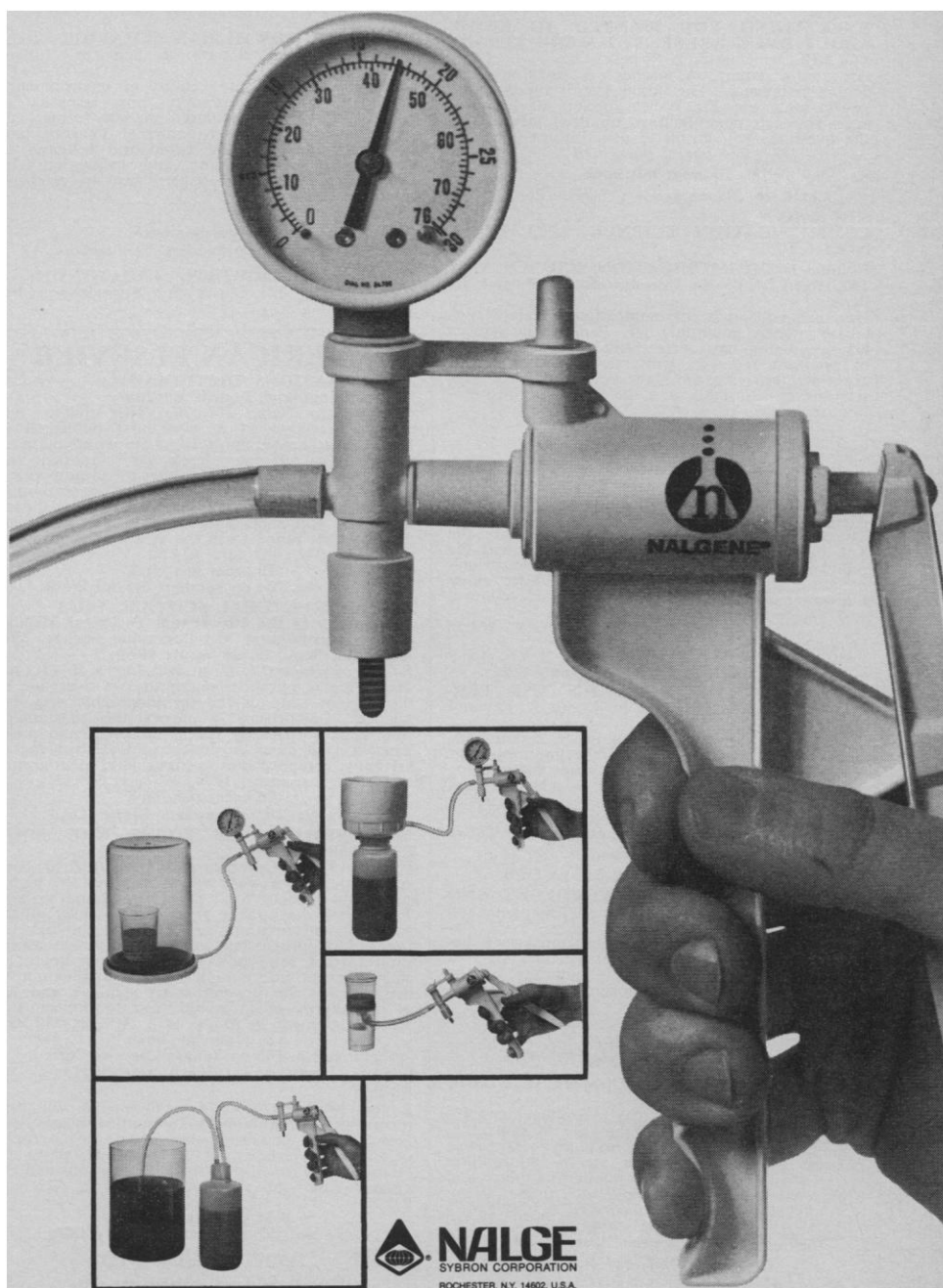
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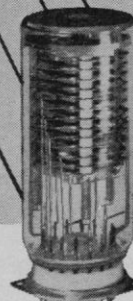
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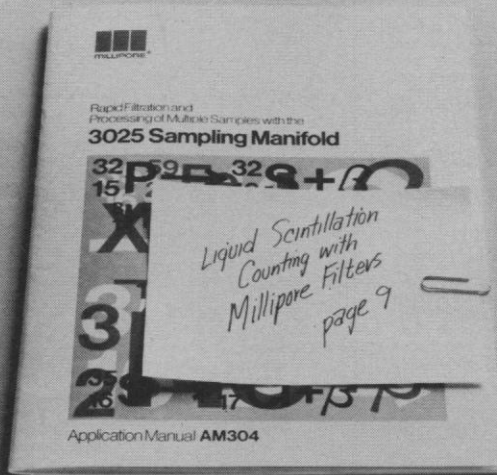
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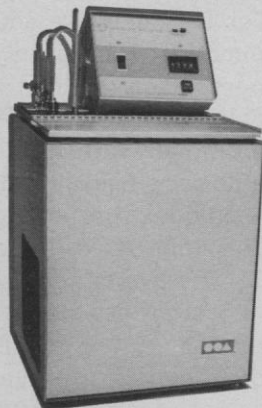
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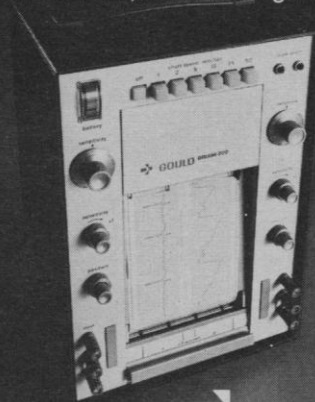
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The T. H. Morgan School of Biological Sciences of the University of Kentucky invites applications from qualified persons in the area of plant physiology. Qualifications: Ph.D., postdoctoral experience and an interest in developing an active research program; competency in teaching courses at the undergraduate and graduate levels. Send curriculum vitae, a brief description of experience and current interests in teaching and research, and the names of at least three references to **Search Committee, Director's Office, School of Biological Sciences, University of Kentucky, Lexington, Kentucky 40506**. Deadline for receipt of applications, 3 weeks from date of appearance of this notice. *An equal opportunity/affirmative action employer.*

MEMORIAL UNIVERSITY OF NEWFOUNDLAND FACULTY OF MEDICINE

A new medical school in Canada is expanding its faculty and will make postdoctoral and faculty appointments in the field of Human Biochemical Genetics. Candidates must be prepared to work on human biochemical variation in the context of collaborative population studies though this does not preclude the pursuit of other research interests. Interested individuals should submit applications accompanied by a detailed curriculum vitae to **Dr. K. B. Roberts, Associate Dean for Basic Medical Sciences, Memorial University of Newfoundland, St. John's, Newfoundland, A1C 5S7, Canada.**

The Philadelphia Regional Office of the U.S. Environmental Protection Agency is seeking a **FACULTY MEMBER** with a background in Physics, Electrical and Mechanical, Civil or Chemical Engineering for an intergovernmental personnel act assignment starting after the spring session for 1 year. The assignment will be to develop the noise program of the region. Salary and benefits are negotiable with the institution concerned. For further information, contact the **Personnel Office, Environmental Protection Agency, Sixth and Walnut Streets, Philadelphia, Pa. 19106. An Equal Opportunity Employer.**

POSITIONS OPEN

Position of **ASSISTANT PROFESSOR OF INDUSTRIAL HYGIENE** in the Department of Environmental Health. Duties will include the development and conduct of research in industrial hygiene especially as it relates to new processes and new technological applications. Responsible for graduate and undergraduate teaching in industrial hygiene, including seminars for persons in related disciplines and participation in continuing education for professionals in field. Requirements include a master's degree in Industrial Hygiene and a minimum of 5 years of industrial hygiene field and research experience with publications.

Must be certified by American Board of Industrial Hygiene or able to achieve certification within 1 year. Position available 1 September 1974. *Women and minorities are encouraged to apply.* Send résumé and references to: **Chairman, Department of Environmental Health SC-34, School of Public Health and Community Medicine, University of Washington, Seattle, Washington 98195.**

DEPARTMENT OF BIOLOGY

American University of Beirut, is recruiting teaching research faculty for fall 1974 in the following areas: general ecology, marine microbiology, plant physiology, and animal physiology (vertebrate and invertebrate). More than one opening is anticipated at Assistant or Associate Professor rank. Ph.D. required, postdoctoral and teaching experience preferred. Travel, relocation, and fringe benefits included. Applications with letters of reference should be addressed to **Dr. Philip Basson, Chairman, Department of Biology, American University of Beirut, Beirut, Lebanon**, with application copies to **Personnel Services, American University of Beirut, 22nd Floor, 380 Madison Avenue, New York, N.Y. 10017.**

CELL BIOLOGIST

Assistant or Associate Professorship available September 1974 or January 1975 in new Division of Cell and Molecular Biology. Expected to teach undergraduate cell biology, participate in graduate core course in cell and molecular biology, and maintain an active research program. Send résumé and three letters of reference to **Dr. O. P. Bahl, Division of Cell and Molecular Biology, State University of New York at Buffalo, Buffalo, New York 14214.**

The University is an Equal Opportunity Employer/Affirmative Action Employer

CHEMISTRY FACULTY POSITIONS

Permanent opening to teach Physical Science (survey of chemistry and geology) to nonscience majors at our off-campus centers (Kittanning and Punxsutawney).

Temporary academic year appointment, September 1974, to teach Home Economics and Health Chemistry (inorganic, organic, and biochemistry topics) and Physical Sciences at the introductory level.

Temporary one-semester appointment, September 1974, to teach Physical Science to non-science majors.

For all positions, a doctorate is desired, but not necessary. Prior teaching experience is preferred. Rank and salary commensurate with qualifications and experience. Write **Dr. S. L. Tackett, Department of Chemistry, Indiana University of Pennsylvania, Indiana, Pa. 15701**, by 19 July 1974. *An Affirmative Action/Equal Opportunity Employer.*

DIRECTOR

The Jackson Laboratory invites applications for the position of Director of the Laboratory, which will become open on 1 October 1975. Qualified applicants are invited to submit a curriculum vitae and summary of experience to one of the following:

Dr. James D. Ebert, Chairman, Search Committee, Marine Biological Laboratory, Woods Hole, Massachusetts 02543
Dr. James F. Crow, Member, Search Committee, Department of Medical Genetics, University of Wisconsin, Madison, Wisconsin 53706
Dr. Douglas L. Coleman, Secretary, Search Committee, The Jackson Laboratory, Bar Harbor, Maine 04609

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EARTH SCIENCE—QUATERNARY

Applications are invited for a permanent position (subject to availability of funds) effective 1 July 1975, at Scarborough College in the University of Toronto. Duties—undergraduate instruction in introductory earth science and advanced (graduate) teaching and research in quaternary geology or physical geography. Applicants must have a completed Ph.D. and postdoctoral experience is preferred. Salary and rank commensurate with experience. Closing date for applications is 1 January 1975 or when filled.

Send application, including a complete curriculum vitae and the names of three referees, to **Dr. J. C. Ritchie, Chairman of the Search Committee, Scarborough College, University of Toronto, 1265 Military Trail, West Hill, Ontario, Canada.**

POSITIONS OPEN

THREE FACULTY POSITIONS

Three faculty positions available immediately. One Associate Professor (\$15,400 to \$17,000), two Assistant Professors (\$12,000 to \$15,000), depending upon experience and qualifications. Research-oriented persons qualified to teach in one or more of the following areas will be considered: Embryology, Plant Ecology, Biostatistics, Introductory Biology. Ph.D. required. Send résumé and names of three references to: **Dr. H. Enesco, Chairman, Department of Biological Sciences, Sir George Williams University, Montreal, P.Q. H3G 1M8, Canada.**

TWO FACULTY POSITIONS

Available in the Department of Surgery, University of Michigan Medical School. Candidates must be Board eligible or certified Urological Surgeons for full-time academic positions involved in teaching, research, and clinical practice. Professorial rank dependent on qualifications and experience. Code #300N and #400N. Send résumés to **Box 343, SCIENCE, A Nondiscriminatory Affirmative Action Employer.**

HEAD, DEPARTMENT OF ENGINEERING

Purdue University Calumet Campus solicits applications for the position of Head of the Engineering Department starting with academic year 1975-76. Duties comprise minimal classroom teaching and emphasis on administering a growing engineering curriculum including graduate studies. Applicants with Ph.D. should possess thorough grounding in some specialty of mechanical engineering with demonstrated administrative ability and initiative. Send résumé to **Dr. A. L. Kaye, Chairman, Engineering Search Committee, Purdue University Calumet Campus, Hammond, Indiana 46323. Purdue Calumet is an Equal Opportunity and Affirmative Action Employer.**

Position of **INSTRUCTOR, INDUSTRIAL HYGIENE**, Department of Environmental Health. Duties include the conduct of field surveys in industrial hygiene, assessment of the hazard potential of work, or other environmental exposures and the selection of appropriate control measures. Participation in the graduate and undergraduate teaching program and in the continuing education program for field professionals is required. A master's degree in industrial hygiene is required and some experience in radiation hazard control is desirable. Applicant must be able to achieve broad certification by American Board of Industrial Hygiene within 2 years of appointment. Position available 1 September 1974. *Women and minorities are encouraged to apply.* Send résumé and references to **Chairman, Department of Environmental Health SC-34, School of Public Health and Community Medicine, University of Washington, Seattle, Washington 98195.**

INSTRUCTOR IN PSYCHOLOGY

Three-quarter-time position available for 1 September 1974 in the Department of Psychiatry, University of Michigan Medical School. Candidate should have a Ph.D. in Clinical Psychology and at least 1 year of postdoctoral clinical experience. Experience should be with mentally disturbed patients who have needed both outpatient and inpatient treatment, with individual psychotherapy and hospital management of patients, and with psychodiagnostic tests. Will teach and supervise medical students, psychiatric residents, and psychology interns. Opportunities for research are available. Code #1001. Send résumé to **Box 344, SCIENCE, A Nondiscriminatory Affirmative Action Employer.**

INSTRUCTOR IN PSYCHOLOGY

Half-time position available in the Department of Psychiatry, University of Michigan Medical School, for 1 September 1974. Candidate should have a Ph.D. in Clinical Psychology and at least 1 year of postdoctoral clinical experience. Experience should include working with adolescents, individual psychotherapy, hospital management of patients, and psychodiagnostic tests. Background in general clinical work is required. Will teach and supervise medical students, psychiatric residents, and psychology interns. Opportunities for research are provided. Code #400DO. Send résumé to **Box 345, SCIENCE, A Nondiscriminatory Affirmative Action Employer.**

MARINE PHYSIOLOGIST

The Rosenstiel School of Marine and Atmospheric Science has an opening for a whole animal physiologist, with at least a secondary interest in environmental physiology, beginning as early as January 1975. Responsibilities will include teaching a graduate-level course on the physiology of marine animals. Appointment will be at a rank and salary commensurate with experience and qualifications. Applicants must have completed the Ph.D. degree. Send curriculum vitae and names of five referees to **Dr. Barrie F. Taylor, Chairman of Search Committee, University of Miami, Rosenstiel School of Marine and Atmospheric Science, 4600 Rickenbacker Causeway, Miami, Florida 33149. Applications close on 31 August 1974.**

POSITIONS OPEN



THE INTERNATIONAL LABORATORY OF MARINE RADIOACTIVITY OF THE INTERNATIONAL ATOMIC ENERGY AGENCY IN MONACO HAS AN OPENING AT THE P-1 LEVEL. THE SUCCESSFUL CANDIDATE SHOULD HAVE A KNOWLEDGE OF AND SOME EXPERIENCE IN MARINE RADIOECOLOGICAL RESEARCH. FAMILIARITY WITH RADIOCHEMICAL TECHNIQUES EMPLOYED IN THE DETERMINATION OF TRANSURANIC RADIONUCLIDES IS DESIRABLE. PH.D. OR EQUIVALENT IN CHEMISTRY OR CHEMICAL OCEANOGRAPHY NECESSARY.

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TWO LAND CAPABILITY PLANNING POSITIONS

The Association of Bay Area Governments (ABAG) invites applications for Senior Regional planner to manage and perform the Land Capability Study Program being undertaken by ABAG as part of the San Francisco Bay Region Environment and Resources Planning Study (SFBRS), a cooperative effort by USGS/HUD/ABAG. The study is concerned principally with the geologic and hydrologic condition and processes which affect land use. Competence in this area is essential. This position requires a balance of analysis and management skills and land-use planning knowledge essential to the identification of decision-making criteria relating to land capability.

Applicants must have demonstrated planning abilities and achievements relating to data collection, analysis, and interpretation as they relate to the determination of land capability on the regional scale. Master's degree preferred. The Regional Planner II position will be staff for the study.

Salary: Appointment will be made within the salary ranges of a Senior Regional Planner—\$1357 to \$1637 per month. Regional Planner II—\$1026 to \$1235 per month.

Interested parties should submit letters of application with curriculum vitae and publications list, together with the names of three professional references, to: **Association of Bay Area Governments, Hotel Claremont, Berkeley, Calif. 94705.**

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PATHOLOGY FACULTY WANTED

For School of Medicine in development. Inquiries to: **Sylvanus W. Nye, M.D., Chairman, Department of Pathology, School of Medicine, East Carolina University, Greenville, North Carolina 27834. An equal opportunity/affirmative action employer.**

POPULATION GENETICIST

The Zoology Department is seeking to fill a new position which will become available 15 August 1974. Applicants must possess a Ph.D. degree and be willing to initiate an active teaching and research program in population genetics and assist in the general zoology program. Send curriculum vitae and names of three references to: **Dr. Richard F. Walker, Chairman of the Search Committee, Department of Zoology, Clemson University, Clemson, S.C. 29631. An equal opportunity/affirmative action employer**

PHARMACOLOGIST

A position is available for a pharmacologist. The successful candidate will teach medical students as a member of a multidiscipline basic science group. Teaching duties will involve being a part of a coordinated clinical instructional program in a 3-year innovative medical curriculum. Applicant should have a Ph.D. or M.D. degree, teaching experience, and a record of interest in research. Rank and salary are negotiable and commensurate with experience.

Send curriculum vitae to **Coordinator, Educational Programs in Basic Science, Peoria School of Medicine, 1400 West Main Street, Peoria, Ill. 61606. This school is a division of the University of Illinois, is an affirmative Action-Equal Opportunity Employer, and encourages applications from members of minority groups and women.**

PROFESSOR OF BIOMETRY OR BIOSTATISTICS

Applicants are invited to apply for a new senior faculty position in the Statistical Science Division, Department of Computer Science, starting in September 1975. Applicants should have an outstanding record of research, training, and collaboration in the Health and Statistical Sciences. Responsibilities include teaching, developing curriculum for undergraduate and graduate courses in Biometry and Statistical Science for specialists and nonspecialists, and active participation in the collaborative activities within the Statistical Laboratory. *Applications from women and minority candidates will be especially welcome.* Please send curriculum vitae to: **Professor Marvin Zelen, Chairman, Search Committee, Statistical Laboratory, State University of New York at Buffalo, 4230 Ridge Lea Road, Amherst, New York 14226.**

RESEARCH ASSOCIATE

Position available immediately. Research on red cell calcium transport and membrane enzyme activities in various diseases. Ph.D. or M.D. required. Experience in red cell membrane biochemistry-biophysics, with publications preferred. Apply with curriculum vitae and names of three references to: **Frank F. Vincenzi, Ph.D., Department of Pharmacology, SJ-30, University of Washington, Seattle, Wash. 98195. The University of Washington is an equal opportunity/affirmative action employer.**

UT-AEC COMPARATIVE ANIMAL RESEARCH LABORATORY TWO FULL-TIME RESEARCH STAFF POSITIONS OFFERED

Plant Genetics: Studies on mutagenesis via radiations and chemicals at cellular (cell and tissue culture) and organismal (seeds, tubers, cuttings, and so forth) level including development of germ plasm of economic plants. Individuals with Ph.D. in genetics are invited to apply.

Gastrointestinal Physiology (Mammalian): Studies on transport of heavy metals across gastrointestinal epithelium. Individuals with Ph.D. and research experience in gastrointestinal physiology are invited to apply.

Qualified candidates should submit applications to: **Dr. H. E. Walburg, Director, UT-AEC Comparative Animal Research Laboratory, 1299 Bethel Valley Road, Oak Ridge, Tennessee 37830. An Affirmative Action/Equal Opportunity Employer**

SENIOR PSYCHOLOGIST

Applications are invited for a permanent position at the rank of full professor, effective 1 July 1975, in any area (nonclinical) of psychology at Scarborough College in the University of Toronto. Duties—undergraduate and graduate instruction in psychology and the development of an active research program. Applicants must have a Ph.D. or equivalent, about 10 years of academic or equivalent experience, and an established reputation in scholarship. Salary negotiable. Appointment is effective 1 July 1975. Closing date for applications is 1 January 1975 or when position is filled. Send applications, including a complete curriculum vitae and the names of three referees, to **Dr. J. C. Ritchie, Chairman, Division of Life Sciences, Scarborough College, University of Toronto, 1265 Military Trail, West Hill, Ontario.**

VICE PRESIDENT FOR ACADEMIC ADMINISTRATION

DEAN OF THE GRADUATE SCHOOL

The University of Minnesota (a multicampus institution) invites nominations and applications for these major administrative positions. Active consideration is under way. Search committee will present final recommendations this fall. Please submit résumé to: **Dr. George Shapiro, Chairman, Search Committee, 217 Morrill Hall, University of Minnesota, Minneapolis, Minnesota 55455. Nominations and applications from women and members of minority groups are especially encouraged.**

MICROBIOLOGIST/ MYCOLOGIST

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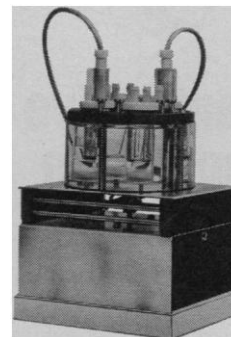


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DEPARTMENT OF KINESIOLOGY Simon Fraser University

Academic - Physician

An appointment of a physician with a well-developed research interest in any aspect of human physiology, bioengineering, prosthetics or human factors is offered in the Department of Kinesiology. The appointee will be required to work in an interdisciplinary environment with biochemists, engineers, work physiologists, or biomechanics faculty in a department which has growing graduate and undergraduate degree programs.

Although the University itself does not have a medical faculty, the appointee will be encouraged to maintain and develop his clinical interests with the Faculty of Medicine at a nearby university and local hospitals. For suitably qualified applicants the possibility exists of a joint appointment with the Computing Science Department. The appointment will be made at either the assistant or associate professor level, depending upon qualifications. Salary negotiable.

Applications, together with three references, to

Dr. E. W. Banister

Department of Kinesiology

SIMON FRASER UNIVERSITY

Burnaby, British Columbia, V5A 1S6

(From whom further details can be obtained)

POSITIONS OPEN



Quantitative Population Ecologist

Requires MS or PhD. Must have strong statistical background, prefer fisheries experience. Will aid with the conduction of ecosystem studies.

Direct inquiries, complete with vitae and abstracts of research to:

Jack Chailer
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Buchanan, N.Y. 10511
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invites applications for appointment as

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A medical qualification registrable in South Australia is desirable but not essential. The appointment will be made as soon as the person concerned is able to assume duty.

The Department of Anatomy and Histology teaches University students of Medicine, Dentistry, and Science and, in addition, Physiotherapy and Occupational Therapy students of the South Australian Institute of Technology (for further particulars see statement referred to below). Research fields are neuroendocrinology, human and comparative neurology, cell biology, experimental embryology, and clinical anatomy. Persons with an interest in clinical anatomy (medical graduates) or neuroendocrinology are especially invited to apply.

SALARY SCALE: \$A8698-470(1)-469(6)-11982 (plus a loading for medical qualifications at the rate of \$A833 a year); with superannuation on the F.S.S.U. basis. Initial salary will be fixed within the scale in accordance with qualifications and previous experience.

FURTHER INFORMATION, including list of particulars required in an application, is available from the Registrar of the University or from the Secretary-General, A.C.U., 36 Gordon Square, London, WC1H 0PF.

APPLICATIONS should reach the Registrar, G.P.O. Box 498, Adelaide, South Australia, not later than 31 July 1974.

POSITIONS OPEN

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Two one-semester positions available September 1974 to teach at intermediate/advanced undergraduate level.

1) **CELL BIOLOGIST/ELECTRON MICROSCOPIST** to teach cell biology with colleague who supervises course. Lectures, 60 students; demonstrations of electron microscopy; techniques of electron microscopy, small group.

2) **NEUROPHYSIOLOGIST** interested in animal behavior, sensory physiology, small neural circuits, and so forth. Lecturers in physiological foundations of animal behavior; maximum 150 students. Also supervising and instructing introductory course laboratories.

Candidates must have Ph.D. and should have teaching experience. Salary \$5000.

Please send curriculum vitae, reprints, and three letters of recommendation to: **Edward S. Hodgson, Chairman, Biology Department, Tufts University, Medford, Mass. 02155.**

Application deadline: 20 July 1974. *Tufts University is an Equal Opportunity/Affirmative Action Employer. Applications from women and minority candidates are especially welcomed.*

MANAGER OF MEDICAL COMMUNICATIONS

A major pharmaceutical division of a worldwide health-oriented corporation has a need for an M.D. who can supervise and coordinate all medical product communications (product inquiries, labeling, and clinical publications). In addition, the individual may become involved in new drug clinical research, market support, and technical education activities. Possible progression to medical director. Applications from foreign medical graduates welcomed. We offer a 40-hour week, an excellent benefits package, exceptional advancement opportunity, and a very desirable southern California location. Salary to the mid-20's to start and full relocation expenses available if required. Send curriculum vitae in confidence to:

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From September 1974 to August 1975. Duties to include responsibility for an advanced course in Human Population Genetics and assistance in a course on Genetic Risk Analysis. Knowledge of computer techniques essential. Please include curriculum vitae and names of three references before 5 August.

Apply to: **Chairman
Department of Genetics
University of Hawaii
School of Medicine
1960 East West Road
Honolulu, Hawaii 96822**

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MENTAL HEALTH PAPERS SOLICITED

Participation welcome in the Sixth Annual National Council of Community Mental Health Centers Meeting, 23 to 26 February 1975, Washington, D.C.

Papers, workshops, and panels welcome. Submit 500-word abstract by 15 August 1974. Proceedings published. Reply: **M. B. Ahmed, M.D., 2527 Glebe Ave., Bronx, N.Y. 10461.**

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POSTDOCTORAL RESEARCH FELLOWSHIPS IN BIOLOGICAL PSYCHOLOGY

Recent Ph.D.'s in psychology or related biological sciences are invited to apply for anticipated 1- to 2-year postdoctoral fellowships in one of four areas: (1) psychopharmacology (animal); (2) biological rhythms and sleep; (3) psychophysiology and biofeedback; or (4) human neuropsychology. Please send curriculum vitae and the names of three references to **Dr. Oscar A. Parsons, Department of Psychiatry and Behavioral Sciences, University of Oklahoma Health Sciences Center, P.O. Box 26901, Oklahoma City, Oklahoma 73190.**

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FELLOWSHIPS

QUEEN ELIZABETH II FELLOWSHIPS IN THE PHYSICAL AND BIOLOGICAL SCIENCES

To commemorate the Royal Visit to Australia in 1963 the Australian government established the Queen Elizabeth II Fellowships Scheme. Under this scheme up to ten fellowships may be awarded each year for full-time research by young scientists of exceptional promise and proved capacity for original work. These are postdoctoral awards tenable in an Australian university or approved research institution, normally for 2 years. Tenure of a fellowship will commence on a date which normally should be within 9 months of the date of the award.

QUALIFICATIONS. Queen Elizabeth II Fellowships must be either Australian or United Kingdom citizens. They should have a Ph.D., or equivalent qualifications, in one of the physical or biological sciences (which are deemed to include mathematics and the scientific aspects of statistics, engineering, metallurgy, agriculture, and medicine). Awards will, in general, be restricted to applicants who are not more than 30 years of age on the date when applications close.

STIPEND. \$9,500 (Australian) per annum, increased to \$10,250 per annum at age 28.

ALLOWANCES. Allowances are payable in respect of a Fellow's wife (\$500 per annum), each dependent child (\$200), superannuation payments (up to 10 percent of stipend), appropriate insurance coverage, and necessary travel expenses. Host institutions are paid an allowance toward the cost of setting up a Fellow and his research work.

APPLICATIONS. Persons interested in applying for the above fellowships should obtain application forms and a statement of the conditions of award from the **Secretary, Queen Elizabeth II Fellowships Committee, Department of Science, P.O. Box 449, Woden, A.C.T. 2606, Australia;** **The Education Liaison Officer, Canberra House, Strand, London, W.C.2, England;** or the **Consul General, Australian Consulate General, 636 Fifth Avenue, New York, N.Y. 10020.** Applications for the next round of awards, which will be announced in December 1974, close at the Canberra address on 6 September 1974.

REQUEST FOR PROPOSAL

TO DEVELOP AND CONDUCT A COURSE ON THE ENVIRONMENT FOR THE AMERICAN RIGHT OF WAY ASSOCIATION

The American Right of Way Association, which has a membership of over 10,000 members, plans to provide for its members a short introductory course on the environment, dealing with environmental characteristics, principles, problems, laws, organizations, and solutions. The course objective is to enable those attending to achieve a basic understanding of these matters.

The prospectus for the course provides for the compilation and development of reference materials, development of a training curriculum and materials for the course, and the presentation of two course sessions. Optional items are the preparation of manuscripts for textbooks, the preparation of an extension course, and administering the extension course. Bids are to be received not later than 1 October 1974.

Interested firms and individuals are invited to obtain instructions and the prospectus from the **Executive Director, American Right of Way Association, Suite 504, 3727 W. Sixth Street, Los Angeles, California 90020.**

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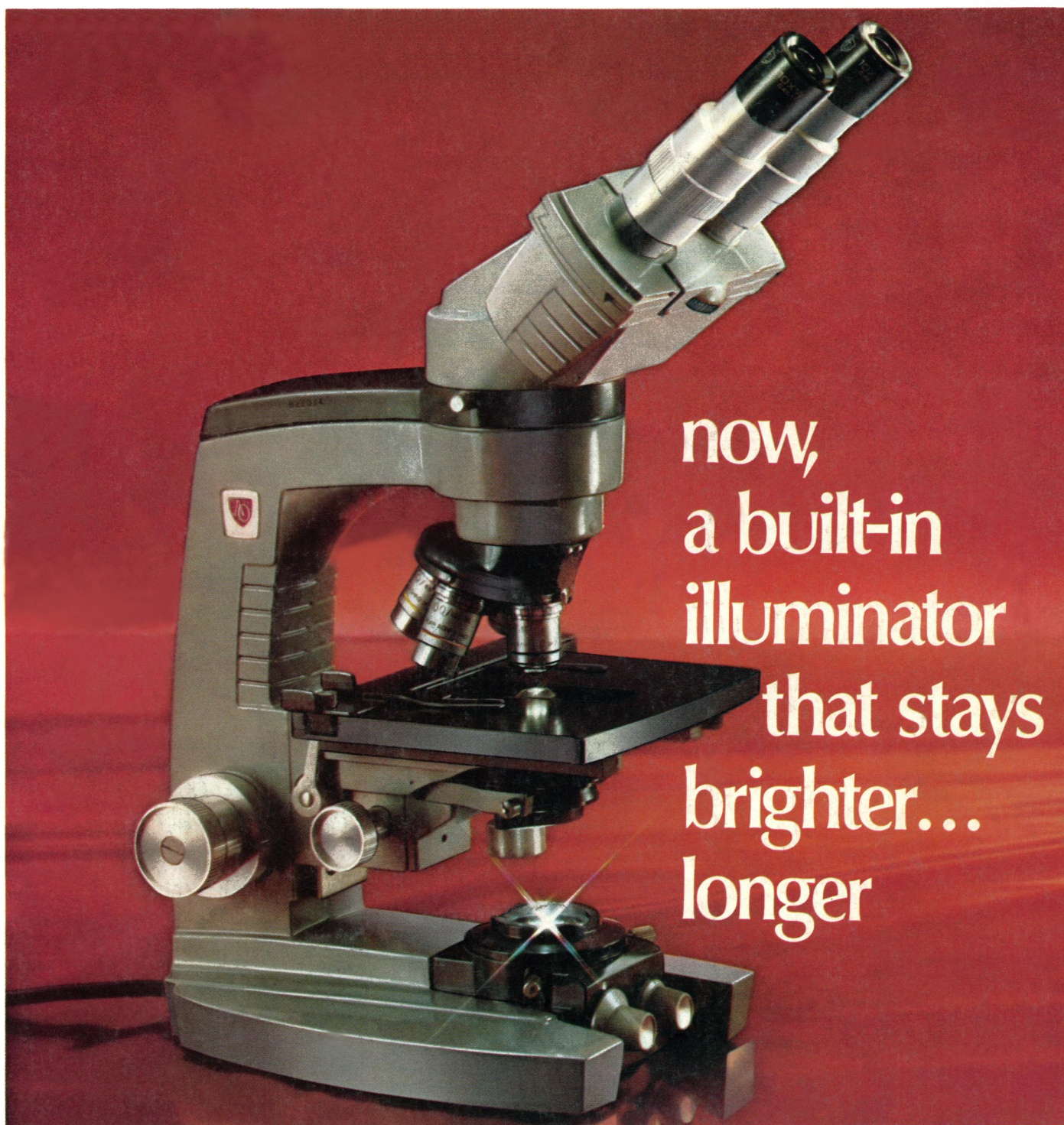
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