

Personnel Placement

It is requested that only those employers who will not discriminate on the basis of race, sex, religion, color, or national origin submit positions open advertising.

POSITIONS WANTED: 40¢ per word, minimum charge \$10. Use of Box Number counts as 10 additional words. Payment in advance is required. These rates apply to individuals only. Personnel agencies and companies take display rate for all advertising.

POSITIONS OPEN: \$110 per inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Ads over 1 inch will be billed to the nearest half inch. Payment in advance is required except where satisfactory credit has been established.

COPY for ads must reach **SCIENCE** 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

**SCIENCE, Room 211
1515 Massachusetts Ave., NW
Washington, D.C. 20005**

Replies to blind ads should be addressed as follows:

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

POSITIONS WANTED

Anthropologist, Medical. Ph.D. Publications, epidemiological research, 8 years of teaching. Interests: behavior and stress pathology, nutrition, genetics. Seeks interdisciplinary position. Box 564, **SCIENCE**. X

Biochemist, recent Ph.D., background in protein purification, enzyme kinetics, nucleotide chemistry, computer programming. Looking for position in research or scientific administration. Kirschenbaum, 42 Briarcliff, RFD 3, Willimantic, Conn. 06226. X

Biochemist, Ph.D. 1969, woman. Four years of postdoctoral research. Publications. Experience in mammalian and bacterial studies. Varied interests include intermediary metabolism, protein synthesis, biochemical evolution, molecular biology, and so forth. Seeking teaching, research, or other interesting position. Boston area. Box 565, **SCIENCE**. X

Biochemist, Ph.D. Biochemical methods screening test new drug, modes of drug action in bacterial and mammalian tissue cultures, experienced in protein, nucleic acid biosynthesis and energy metabolism, enzyme purification, desires position in industry, research institute, or government. Box 566, **SCIENCE**. X

Developmental Biologist, doctorate, strong teaching career in vertebrate development, microanatomy and cell biology, desires change and opportunity to resume research and continue teaching. Box 546, **SCIENCE**. X

General Microbiologist-Biologist: Ph.D., 4 years of varied postdoctoral experience. I am seeking a teaching position at the college level. Will sacrifice substantial salary from my present industrial R & D position if I can find the right teaching position. Apt. 35, 103 Stanton Ave., Ames, Iowa 50010. X

Geneticist/Cell Biologist, Ph.D. Experience in teaching and research. Many publications. Seeking academic teaching/research or industrial position. Box 567, **SCIENCE**. X

Microbiologist-Biochemist. Ph.D. in microbiology, female. Postdoctorate research and teaching experience in microbiology and biochemistry. Desires postdoctorate research in a medically related area such as virology, immunology, or medical microbiology. Box 568, **SCIENCE**. X

POSITIONS WANTED

NMR Spectroscopist. Trained and experienced in spectral interpretation, operational techniques, and instrument maintenance. Chemistry degree. Box 569, **SCIENCE**. X

Natural Product Chemist, 31, Ph.D., 1970, 3 years postdoc, family. Isolation, characterization, synthesis of: alkaloids, terpenes, sterols from marine animals; cannabinoids, alkaloids, sterols from plants. Antitumor and cardiovascular screens were used. Strong background in operation and interpretation of NMR, IR, UV, MS, GLC, TLC, LC. Publications. Interested in pharmaceutical, medical, oceanographic areas. Box 570, **SCIENCE**. X

Nutritional Biochemist, Ph.D. 1970. Research experience in experimental malnutrition, protein synthesis, biochemical pharmacology, hormones. Teaching experience and publications. Seeks academic or research position in San Francisco metropolitan area. Box 571, **SCIENCE**. X

Organic Chemist: Ph.D. Strong background in the isolation and identification of compounds in complex mixtures. Box 572, **SCIENCE**. X

Immediately available **Ph.D.** (1971) with postdoctoral experience (1973). Seven years of research experience in botany, mycology, and plant pathology. Author of 16 publications. Ability to speak German and Turkish. Write Tariq, 6725 Golf Course Road, Rome, N.Y. 13440. X

Backpacking McKinley Park, Alaska, month of July 1974. Will consider all **photo and wildlife study assignments or field research.** Buddy Struble, 16 Rathbun Road, Towaco, N.J. 07082. X

Physiological Psychologist, female, 39, Ph.D. 4 years. Seeks research-teaching position in medical or university setting. Twenty-seven publications and papers on brain hormones, animal, and abnormal human behavior. Experience teaching brain and behavior, abnormal, animal, and general psychology. Box 573, **SCIENCE**. X

Pulmonary Physiologist, Ph.D. Research and teaching experience. Desires position in physiology department. Would consider joint appointment with clinical department. Box 574, **SCIENCE**. X

Virologist-Immunologist, Ph.D.; seeks research, administrative or academic position. Experience in tumor virology, tissue culture, viral immunology. Present research position phased out. Available immediately. Box 575, **SCIENCE**. X

POSITIONS OPEN

PRESIDENT, UNIVERSITY OF MINNESOTA

The University of Minnesota invites nominations and applications for the position of President of the University which becomes available 1 July 1974.

Résumés should be submitted by 15 December 1973 to **Professor Warren Ibele, Chairman, Advisory Subcommittee for Presidential Search, 125 Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 55455.** Nominations and applications from women and members of minority groups are especially encouraged.

UNIVERSITY OF SYDNEY (AUSTRALIA) LECTURESHIPS/SENIOR LECTURESHIPS (TWO) IN ANATOMY

Graduates in medicine, dentistry, or science with appropriate teaching experience in anatomy, research experience in biological fields considered.

Courses in gross and neuroanatomy for students of medicine, dentistry, and physiotherapy offered. Facilities for research in histology, histochemistry, electron microscopy and electromyography available.

Details from Registrar, University of Sydney, N.S.W. 2006, Australia.

POSITIONS OPEN

ASTROMETRIST

Faculty position at Lick Observatory, University of California, Santa Cruz, to head astrometric research activity, beginning summer 1974. Ph.D. experienced in practical aspects of large optical telescopes and computer-controlled instrumentation required. Application, curriculum vitae, and references should be submitted to **Director, Lick Observatory, University of California, Santa Cruz, Calif. 95064** by 15 January 1974.

An Equal Opportunity/Affirmative Action Employer

BACTERIAL MEMBRANE BIOCHEMISTRY

Postdoctoral position available in the field of bacterial membrane biochemistry. Interested persons send curriculum vitae and names of references to:

**Secretary
Department of Immunology
and Medical Microbiology
Box 727
University of Florida
Gainesville, Florida 32601**

UNIVERSITY OF TORONTO ASSISTANT PROFESSOR OF BIOCHEMISTRY

Applications are invited for the position of Assistant Professor in the Department of Biochemistry, to take effect from 1 July 1974 or as soon thereafter as possible. The successful applicant will be required to take part in the teaching duties of the department and to develop his own research program. The department is involved in teaching undergraduates in the Faculties of Medicine, Dentistry, Arts and Science, and Nursing, as well as the Graduate School. The minimal salary for the position is \$14,300. Applicants with suitable qualifications should send a curriculum vitae and the names and addresses of three referees to **Professor T. Hofmann, Department of Biochemistry, University of Toronto, Toronto, Canada M5S 1A8**, to reach him not later than 31 January 1974.

BIOLOGIST to teach undergraduate students. Ph.D., experienced in one or several of the following: physiology, anatomy, parasitology, cell or invertebrate biology. Position available for September 1974 at Assistant Professor level. Salary based on education and experience. Strong interest in teaching important. Send copy of résumé, three references, and graduate transcript to: **Dr. V. Merriam, Chairman, Search Committee, Loyola Marymount University, College of Science and Engineering, Loyola Boulevard at West 80 Street, Los Angeles, Calif. 90045.** Equal Opportunity Employer.

BIOLOGIST

Fall 1974, with Ph.D., competence in genetics and microbiology and a commitment to undergraduate education, including undergraduate research. Rank and salary depend upon qualifications. Women and minority applicants are encouraged. Send credentials to

**Dr. Charles Burch
Wells College
Aurora, N.Y. 13026**

CANCER RESEARCH FACULTY POSITIONS

The Los Angeles County-University of Southern California Cancer Center is accepting applications for **clinical and basic research positions.** Positions may be available in the clinical oncologic specialties of medicine, pediatrics, surgery, radiology, radiation therapy, and gynecology, and in basic and preclinical sciences, such as immunology, tumor biochemistry, tumor cell biology, histopathology, pharmacokinetics, radiopharmacy, radiation biology, and biostatistics. Positions will include joint appointments with the Cancer Center and the University of Southern California Schools of Medicine, Dentistry, or Pharmacy. Applicants should be prepared to interact within a multidisciplinary, interdepartmental environment.

Address inquiries to **Denman Hammond, M.D., Director, LAC-USC Cancer Center, 2025 Zonal Avenue, Los Angeles, California 90033.**

The Cancer Center is an equal opportunity/affirmative action employer.

FACULTY OF BIOLOGY, UNIVERSITY OF HEIDELBERG CHAIR OF ZOOPHYSIOLOGY

The Chair of Zoophysiology will become vacant in October 1975. Applications are invited from suitable persons with qualifications and research interests in any area of Zoophysiology.

Applications including curriculum vitae and list of publications should be sent to the **Dean of the Faculty of Biology, 69 Heidelberg 1, Berliner Strasse 15, West Germany**, before 31 January 1974.

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SCIENCE REPRINTS

Man and Technology

- 1) D. Alpert and D. L. Bitzer, "Advances in Computer-Based Education," 20 March 1970 (12)
- 2) R. C. Atkinson and H. A. Wilson, "Computer-Assisted Instruction," 4 Oct. 1968 (8)
- 54) M. S. Baram, "Social Control of Science and Technology," 7 May 1971 (4)
- 55) L. M. Branscomb, "Taming Technology," 12 March 1971 (8)
- 56) H. Brooks, "Can Science Survive in the Modern Age?," 1 Oct. 1971 (4)
- 58) J. D. Carroll, "Participatory Technology," 19 Feb. 1971 (8)
- 57) J. D. Carroll, "Science and the City: The Question of Authority," 28 Feb. 1969 (12)
- 122) M. A. Cartter, "Scientific Manpower for 1970-1985," 9 April 1971 (8)
- 210) R. A. Cellarius and J. Platt, "Councils of Urgent Studies," 25 Aug. 1972 (8)
- 127) W. W. Cooley and R. Glaser, "The Computer and Individualized Instruction," 31 Oct. 1969 (12)
- 211) T. A. Cowan, "Paradoxes of Science Administration," 15 Sept. 1972 (4)
- 59) L. A. DuBridge, "Science Serves Society," 6 June 1969 (4)
- 60) A. Etzioni, "Agency for Technological Development for Domestic Programs," 4 April 1969 (8)
- 137) A. Etzioni, "Understanding of Science," 4 Aug. 1972 (2)
- 61) A. Etzioni and R. Remp, "Technological 'Shortcuts' to Social Change," 7 Jan. 1972 (8)
- 138) A. F. Findeis, "Graduate Education in Science and Engineering in Japan," 18 Aug. 1972 (8)
- 212) A. B. Ford, "Casualties of Our Time," 16 Jan. 1970 (8)
- 62) R. Gilpin, "Technological Strategies and National Purpose," 31 July 1970 (8)
- 63) H. E. Hoelscher, "Technology and Social Change," 3 Oct. 1969 (8)
- 64) K. D. Kryter, "Sonic Booms from Supersonic Transport," 24 Jan. 1969 (8)
- 65) L. Mandlebaum, "Apollo: How the United States Decided to Go to the Moon," 14 Feb. 1969 (6)
- 66) E. Mansfield, "Contribution of R & D to Economic Growth in the United States," 4 Feb. 1972 (8)
- 67) J. P. Martino, "Science and Society in Equilibrium," 22 Aug. 1969 (4)
- 68) L. S. Morison, "Science and Social Attitudes," 11 July 1969 (8)
- 176) R. W. Nichols, "Mission-Oriented R & D," 2 April 1971 (12)
- 181) E. B. Parker and D. A. Dunn, "Information Technology: Its Social Potential," 30 June 1972 (8)
- 69) K. S. Pitzer, "Science and Society: Some Policy Changes Are Needed," 16 April 1971 (4)
- 70) J. Platt, "What We Must Do," 28 Nov. 1969 (8)
- 71) L. Rosen, "Relevance of Particle Accelerators to National Goals," 6 Aug. 1971 (8)
- 190) L. A. Sagan, "Human Costs of Nuclear Power," 11 Aug. 1972 (8)
- 72) J. A. Shannon, "Science and Social Purpose," 21 Feb. 1969 (8)
- 73) C. Starr, "Social Benefit versus Technological Risk," 19 Sept. 1969 (8)
- 200) P. Suppes and M. Morningstar, "Computer-Assisted Instruction," 17 Oct. 1969 (12)
- 74) J. A. Wagar, "Growth versus the Quality of Life," 5 June 1970 (8)
- 207) J. Weizenbaum, "On the Impact of the Computer on Society," 12 May 1972 (8)
- 208) C. W. White *et al.*, "Surface Composition Determined by Analysis of Impact Radiation," 11 Aug. 1972 (8)

American Association for the Advancement of Science, Box T-2,
1515 Massachusetts Ave., NW, Washington, D.C. 20005

Please send me the following: _____, _____, _____, _____, _____
(Indicate quantity for each)

Name _____

Address _____

_____ Zip _____

POSITIONS OPEN

Position available 1 January 1974 in the Department of Medical Pharmacology and Therapeutics, University of California, Irvine, for a **CARDIOVASCULAR PHARMACOLOGIST** to participate in medical teaching and the M.S.-Ph.D. program in pharmacology. Must be capable teacher and active researcher in cardiovascular pharmacology. Clinical opportunities available for M.D. Applicants should submit curriculum vitae, bibliography, statement of research plans and the names of three persons qualified to assess the candidate's research and teaching potential to **H. W. Elliott, M.D., Chairman, Department of Medical Pharmacology and Therapeutics, College of Medicine, University of California, Irvine, California 92664. The University of California is an Equal Opportunity Employer.**

CARDIOVASCULAR PHYSIOLOGIST-CARDIOLOGIST

University of North Carolina at Chapel Hill seeks candidates for a joint appointment in Departments of Medicine and Physiology at assistant professor level or higher. Position calls for teaching in preclinical curriculum and clinical activities in cardiology. Half time available for research. Candidates must have M.D. degree, clinical training in cardiology, and be engaged in basic cardiovascular research. Send résumé to **Box 552, SCIENCE. An Equal Opportunity Employer.**

CELL PHYSIOLOGIST

With strong research background in muscle or nerve membrane structure at molecular level. Should have at least 2 years of postdoctoral experience. To assume assistant professorship or higher in Department of Physiology, University of North Carolina at Chapel Hill. Send résumé to **Box 576, SCIENCE**

An Equal Opportunity Employer

CELL SCIENCES

A new Medical School at Memorial University of Newfoundland, St. John's, Newfoundland, Canada, is expanding its faculty and is now ready to make appointments in the field of Cell Sciences. New buildings to house the Cell Sciences research group, which is part of the larger division of Cell Studies, will be ready for occupancy by 1975. The Health Sciences complex now under construction is a Medical School with extensive research areas plus a biomedical library and a 400-bed hospital. Applications are now invited for a senior-level person who would be able to organize a research team and participate in the interdisciplinary teaching of medical students. Interested individuals should submit applications, accompanied by a detailed curriculum vitae, to **Professor B. H. Sells, Ph.D., Chairman, Search Committee, Faculty of Medicine, Memorial University of Newfoundland, St. John's, Newfoundland, Canada.**

CELLULAR IMMUNOLOGY

Research associate or instructor. Familiarity with CMI and MLR essential, biochemical background desirable.

Division of Immunology
Box 3010
Duke Medical Center
Durham, N.C. 27710

DEPARTMENT CHAIRMAN

Applications and nominations are now invited for the position of chairman, Department of Physics, Saint Louis University, starting September 1974. Candidate should be active in research. Send résumé to:

Dr. Robert M. Delaney, Acting Chairman
Department of Physics
Saint Louis University
221 North Grand Boulevard
St. Louis, Missouri 63103

An equal opportunity/affirmative action employer

ARIZONA STATE UNIVERSITY CHAIRMAN, DEPARTMENT OF ZOOLOGY FALL SEMESTER, 1974

Nominations and applications are invited for this position. Seeking person with administrative experience or potential, active research background, and teaching experience. Department consists of 25 faculty members, 900 undergraduate majors, and 100 students in the M.S. and Ph.D. programs.

Send curriculum vitae and other pertinent information to **Dr. Charles M. Woolf, Chairman, Search Committee, Department of Zoology, Arizona State University, Tempe, Arizona 85281.**

An equal opportunity, affirmative action employer

POSITIONS OPEN

FACULTY POSITION

Available for Board certified academic **child psychiatrist** in the Department of Psychiatry, University of Michigan Medical School. Candidate will direct the 36-bed in-patient children's service of the Department. Some out-patient and day-hospital activities also possible. Documented teaching and research skills essential in addition to clinical and administrative experience; professorial rank will be dependent on these and on seniority. Send résumé to **Box 577, SCIENCE. A Nondiscriminatory Affirmative Action Employer**

FACULTY POSITION

Available for a **child psychiatrist** in the Department of Psychiatry, University of Michigan Medical Center. Professorial rank dependent on clinical experience, teaching and research. Facilities include in-patient day hospital and out-patient programs for children and adolescents. Documented teaching and research skills essential. Ability to organize research, particularly in developmental neurophysiology, a distinct asset. Send résumé to **Box 578, SCIENCE. A Nondiscriminatory Affirmative Action Employer.**

CYTOCHEMIST-CYTOLOGY AUTOMATION

For a research project automating cell examinations by photometric properties. We are seeking a Cell Biologist (Ph.D. candidate or equivalent background) with experience in Biochemistry including the use of fluorochrome and general cell preparative techniques including cell-separating methods by use of enzyme differential sedimentation or other means. Experience with tissue culture is helpful. Excellent compensation and benefits package and opportunity for professional growth. Send curriculum vitae to **Miss Patricia Sloane, Personnel Department, Memorial Sloan-Kettering, 424 East 68 St., New York, N.Y. 10021.**

DEAN, ALLIED HEALTH SCIENCES

Texas Tech University School of Medicine invites applications from and nominations of qualified individuals for the position of dean of its newly authorized school of allied health sciences. Each candidate will be requested to submit a current curriculum vitae or résumé.

To be eligible for consideration, the candidate must possess a doctoral degree in medicine, dentistry, and/or a basic medical science. Experience in the administration of allied health programs, demonstrated leadership, and experience in working with legislative bodies are considered essential. *Texas Tech University School of Medicine is an equal opportunity/affirmative action employer.* Address all correspondence to: **Dr. Grover E. Murray, President, Texas Tech University School of Medicine, P.O. Box 4349, Lubbock, Texas 79409.**

DEVELOPMENTAL BIOLOGIST

Faculty position available at Bryn Mawr College in fall 1974. Candidates with doctoral degrees should have an active interest in undergraduate teaching, in the direction of masters and doctoral research, and in the pursuit of a vigorous research program. Rank and salary open. Send résumé to

Box 531, SCIENCE

An Equal Opportunity Employer

DOCTORAL DEGREE—LIFE SCIENCES— DEPARTMENT OF CLINICAL RESEARCH

The two positions we have available in our bronchodilator and local anesthetic programs consist of coordinating groups which are involved with the planning and design of clinical trials. For each position, then, it is essential that the successful candidate be able to work with a group. The candidate must have a doctoral degree in the life sciences (Ph.D., M.D., D.D.S., D.V.M.), at least three years' research experience, and must have publications in journals with established editorial review policy. He or she should also be a member of a professional scientific society such as the American Society for Pharmacology and Experimental Therapeutics, or the equivalent. Candidates for these positions should submit a curriculum vitae, salary requirements, and three references to

Dr. Joseph J. McPhillips
Associate Medical Director
ASTRA PHARMACEUTICAL PRODUCTS, Inc.
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MCGILL UNIVERSITY DEPARTMENT OF BIOLOGY

Ecologist with research interests in freshwater zooplankton or benthos. Teaching duties will include a senior level course in environmental physiology of animals. Rank: Assistant Professor. Starting date: September 1974 or earlier.

Applicants should include curriculum vitae and the names of two or three referees. Write before 1 February 1974 to: **Ms. E. Mader, Administrative Assistant, Department of Biology, McGill University, P.O. Box 6070, Station A, Montreal, P.Q., Canada H3C 3G1.**

POSITIONS OPEN

ECOLOGIST WITH GEOLOGICAL INTERESTS or PALEOECOLOGIST WITH BIOLOGICAL INTERESTS

The Department of Geology of Case Western Reserve University invites applications for positions at the Assistant Professor level in Marine Benthic Ecology and Paleogeology. Position involves research and teaching at both the graduate and undergraduate level. Joint appointment with Biology if desired. An interest and competence in environmental problems is required. Qualified applicants should send résumés, references, and publications to **Professor Robert Douglas, Geology Department, Case Western Reserve University, Cleveland, Ohio 44106.**

Equal opportunity employer

ECONOMIST

Opening exists for an applied economist at assistant or associate professor level in University of Washington's Program in Social Management of Technology. Teaching and research responsibility in area of technology and public policy. Background in natural resources, urban economics, or industrial organization desired. Submit curriculum vitae to **Dr. Edward Wenk, Jr., Director, Program in Social Management of Technology, 428 ARL (FL-10), University of Washington, Seattle, Wash. 98195.**

An equal opportunity/affirmative action employer

ELECTRON MICROSCOPY TECHNICIAN

Experienced in cutting ultra-thin sections and in enlarging electron micrographs wanted. Applications and inquiries to:

Dr. Satya P. Sood
University of Hawaii at Hilo
P.O. Box 1357
Hilo, Hawaii 96720

Closing date 24 December.

UNIVERSITY OF PITTSBURGH

Faculty Positions Available

ELECTRON MICROSCOPIST: Responsibilities include supervision of a fully equipped EM Unit, independent and collaborative research, and teaching of medical and Ph.D. students. Assistant professor rank; salary negotiable.

TUMOR VIROLOGIST OR IMMUNOLOGIST: Opportunity for development of independent research and a teaching program for medical and Ph.D. students. Assistant professor rank; salary negotiable.

Interested persons please send curriculum vitae, bibliography and three references to: **Dr. J. S. Youngner, Department of Microbiology, School of Medicine, University of Pittsburgh, Pittsburgh, Pa. 15261.**

An Equal Opportunity Employer

FACULTY POSITIONS FRESHWATER BIOLOGICAL RESEARCH INSTITUTE

A Freshwater Biological Research Institute has been established at the University of Minnesota. Five positions at the Ph.D. level are open in areas dealing with Sediments, Microorganisms, Phytoplankton, Zooplankton, and Fishery Toxicology. The positions will be filled at either the Assistant or Associate Professor level. Interested candidates should forward curriculum vitae and the names of three references to **Dr. John M. Wood, c/o College of Biological Sciences, University of Minnesota, St. Paul, Minn. 55101.**

An Equal Opportunity Employer; Applications from Women and Minority Persons Encouraged

HEAD, DEPARTMENT OF ECOLOGY AND BEHAVIORAL BIOLOGY, COLLEGE OF BIOLOGICAL SCIENCES, UNIVERSITY OF MINNESOTA

Established scientist with proven research record sought to administer strong undergraduate and graduate programs in teaching and research. Facilities include space in a new BioScience Center and two well-equipped field stations. Appointment expected June-September 1974. Candidates should submit a statement of their interest in the position together with a curriculum vitae, list of publications, and the names of at least three references to **Prof. E. Gorham, Chairman of the Search Committee, 750 BioScience Center, University of Minnesota, St. Paul, Minn. 55101, preferably before 28 February 1974.**

An Equal Opportunity Employer; Applications from Women and Minority Persons Encouraged

HEAD— DEPARTMENT OF HORTICULTURAL SCIENCE

Applications or nominations are sought for the position of Head of the Department of Horticultural Science, North Carolina State University. Résumés should be sent to **P.O. Box 5906, Raleigh, N.C. 27607. North Carolina State University is an equal opportunity, affirmative action employer.**

POSITIONS OPEN

HUMAN BIOLOGY

A position exists for a person experienced in the teaching of **human biology**, with particular reference to functional human anatomy and physiology. The position will include responsibilities for graduate and undergraduate teaching, with major emphasis on the development of curriculum for programs jointly sponsored by the School of Basic Health Sciences and the School of Allied Health Professions.

The candidate must have a doctoral degree, with teaching experience and demonstrated research ability in the area of functional anatomy/physiology. Rank will depend on qualifications.

Reply to **Arthur C. Upton, Dean, School of Basic Health Sciences, State University of New York at Stony Brook, Stony Brook, New York 11790.** Health Sciences Center is an equal opportunity employer and applications from members of minority groups or women are welcome.

THE FLINDERS UNIVERSITY OF SOUTH AUSTRALIA SENIOR LECTURESHIPS/ LECTURESHIPS IN THE SCHOOL OF MEDICINE HUMAN PHYSIOLOGY/ HUMAN MORPHOLOGY/ CLINICAL BIOCHEMISTRY

Applications for the above tenured posts are invited for the new School of Medicine from candidates with clinical interests.

Study leave, clinical loadings and assistance with removal expenses available.

Further information about the School of Medicine and the posts is available from **The Registrar, The Flinders University of South Australia, Bedford Park, South Australia, 5042, Australia**, whom applications should reach by Friday, 21 December 1973.

MARINE FISHERIES DYNAMICS

Faculty position in Sea Grant Program at Marine Science Center, Newport. Stock assessment and population dynamics of marine fishes. Ph.D. required, experience desirable. Rank and salary open. Send résumé and references to **Dr. C. E. Warren, Department of Fisheries and Wildlife, Oregon State University, Corvallis, Ore. 97331.**

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

MEDICAL EDITOR

We are an international publisher of scientific and medical books and journals based in New York City. Developing our medical book program in the United States, we are looking for a recent graduate (M.A., Ph.D.) in the bio/biomedical sciences interested in publishing and willing to learn.

Please send in full confidence your résumé, salary expectations, and college/university transcripts. **Box 579, SCIENCE. An Equal Opportunity Employer.**

DYNAMIC METEOROLOGY

The Department of Meteorology at Massachusetts Institute of Technology announces a faculty opening in the general field of dynamical meteorology, beginning with the 1974-75 academic year. Applicants will be judged on a merit basis irrespective of sex, race or national origin, for high qualifications and promise with respect to teaching and creative leadership in research. Faculty rank and salary offered will be commensurate with these qualifications.

Interested candidates should write promptly to **Professor J. Charney, Room 54-1424, Massachusetts Institute of Technology, Cambridge, Mass. 02139**, enclosing a comprehensive résumé, publications list, and the names of three references. Selection of candidates will begin in January.

Established private veterinary diagnostic research laboratory serving feedlots in southwestern United States needs permanent staff **Microbiologist** with interest in immunology for diagnosis and studies of infectious diseases and immune responses of cattle. Applicants send curriculum vitae and four references to **Howard Veterinary Consultation and Research, Box 191, Brawley, California 92227.**

NEUROANATOMIST-NEUROSCIENTIST

A neuroanatomist Ph.D. and/or M.D. with interest and capabilities in a neuroscience teaching program for medical and graduate students, along with independent and/or collaborative research investigation. Salary and rank depend on qualifications and experience. Apply to **Dr. G. Gordon Robertson, Department of Anatomy, University of Tennessee Medical Units, 800 Madison Avenue, Memphis, Tennessee 38163.** Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF OTAGO Dunedin—New Zealand

LECTURER OR SENIOR LECTURER IN NUTRITION

Applications are invited for the position of Lecturer or Senior Lecturer in the Department of Nutrition in the School of Home Science, University of Otago.

Salary: Lecturer: NZ \$6,575-\$8,343 per annum; Senior Lecturer: NZ \$8,489-\$10,846 per annum with a bar at NZ \$9,963 per annum.

(Note: NZ \$100 equals approximately £61 sterling; US \$147: \$A 100).

Applicants should be graduates in Science with specialization in biochemistry, physiology, nutrition or chemistry; Food Science or in Home Science.

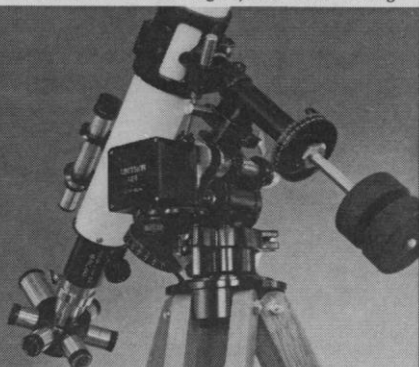
Further particulars are available from the Secretary-General, Association of Commonwealth Universities (Appts), 36 Gordon Square, London WC1H 0PF, or from the Registrar of the University.

Applications close in New Zealand on 15 February 1974.

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INSTRUCTOR—OPHTHALMOLOGY

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DEPARTMENT OF PATHOLOGY of Medical School at major eastern university invites inquiries from suitably qualified M.D.'s and Ph.D.'s to fill current and projected vacancies at the rank of Assistant Professor or Associate Professor. Major areas of research interest and clinical laboratory experience should be in: (i) tissue typing and immunohematology, (ii) endocrinology and radioassay, and (iii) clinical microbiology. Applications including curriculum vitae and three references should be sent to **Box 532, SCIENCE**. The university is an equal opportunity employer.

PHYSICAL OR BIOGEOGRAPHER

Applications are invited for a position in physical and biogeography, Department of Geography, St. George Campus, University of Toronto, beginning 1 July 1974. The successful candidate will be expected to develop and teach courses in natural environmental systems in close relationship with existing specialized courses in physical geography and resource management. The courses will be at both the introductory and more advanced levels. The candidate should have a Ph.D. in Geography or another appropriate field. Preference will be given to candidates with a demonstrated interest in ecosystems, both natural and man-modified. The rank will be either ASSISTANT or ASSOCIATE PROFESSOR. A letter of application with curriculum vitae and the names of three referees should be sent to **Professor J. Spelt, Chairman, Department of Geography, University of Toronto, Toronto M5S 1A1, Ontario**. Applications should be submitted before 15 February 1974.

PHYSIOLOGIST

Assistant Professor, Ph.D. or M.D., training in respiratory physiology, 2 to 3 years postdoctorate. Send résumé of interests, curriculum vitae, and names of two references to **Chairman, Department of Physiology, College of Physicians & Surgeons, Columbia University, 630 W. 168 St., New York, N.Y. 10032**.

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PLANT BIOCHEMIST SENIOR FACULTY POSITION

Opening available 1 April 1974 in Department of Chemistry for person with active research program and record of scholarly productivity. Teaching duties will primarily involve biochemistry at undergraduate and graduate levels.

Please send curriculum vitae, including list of publications, to **Dr. D. C. Walton, Department of Chemistry, SUNY College of Environmental Science and Forestry, Syracuse, New York 13210**. An equal opportunity, affirmative action employer.

PLANT MORPHOLOGY

Opening available September 1974 for a candidate with Ph.D. and strong background in Plant Morphology. Duties consist of teaching and heading research program in plant morphology or morphogenesis. Rank and salary negotiable, dependent on training and experience. Send curriculum vitae, a statement of research, and names of three references to **Dr. Donald Fisher, Botany Department, University of Georgia, Athens, Ga. 30602**.

Postdoctorate available for endocrine research related to cancer of reproductive tract and steroid receptors, in research institute affiliated with mid-western medical college. Stipend \$12,000 for 12 months. Experience in field and good recommendations required. All replies will be acknowledged. Send résumé to **Box 558, SCIENCE**.

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INSTRUCTOR or ASSISTANT PROFESSOR

Position available in the Department of Psychiatry, University of Michigan Medical School, on acute adult service in the University Hospital, supervising emergency room and short-term inpatient treatment. Teaching duties include supervision of residents, medical students, psychology interns, and others. Demonstrable research skills are important. Position is open to graduates of approved residency programs. Send résumé and bibliography to **Box 581, SCIENCE**. A Nondiscriminatory Affirmative Action Employer.

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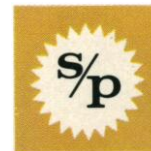
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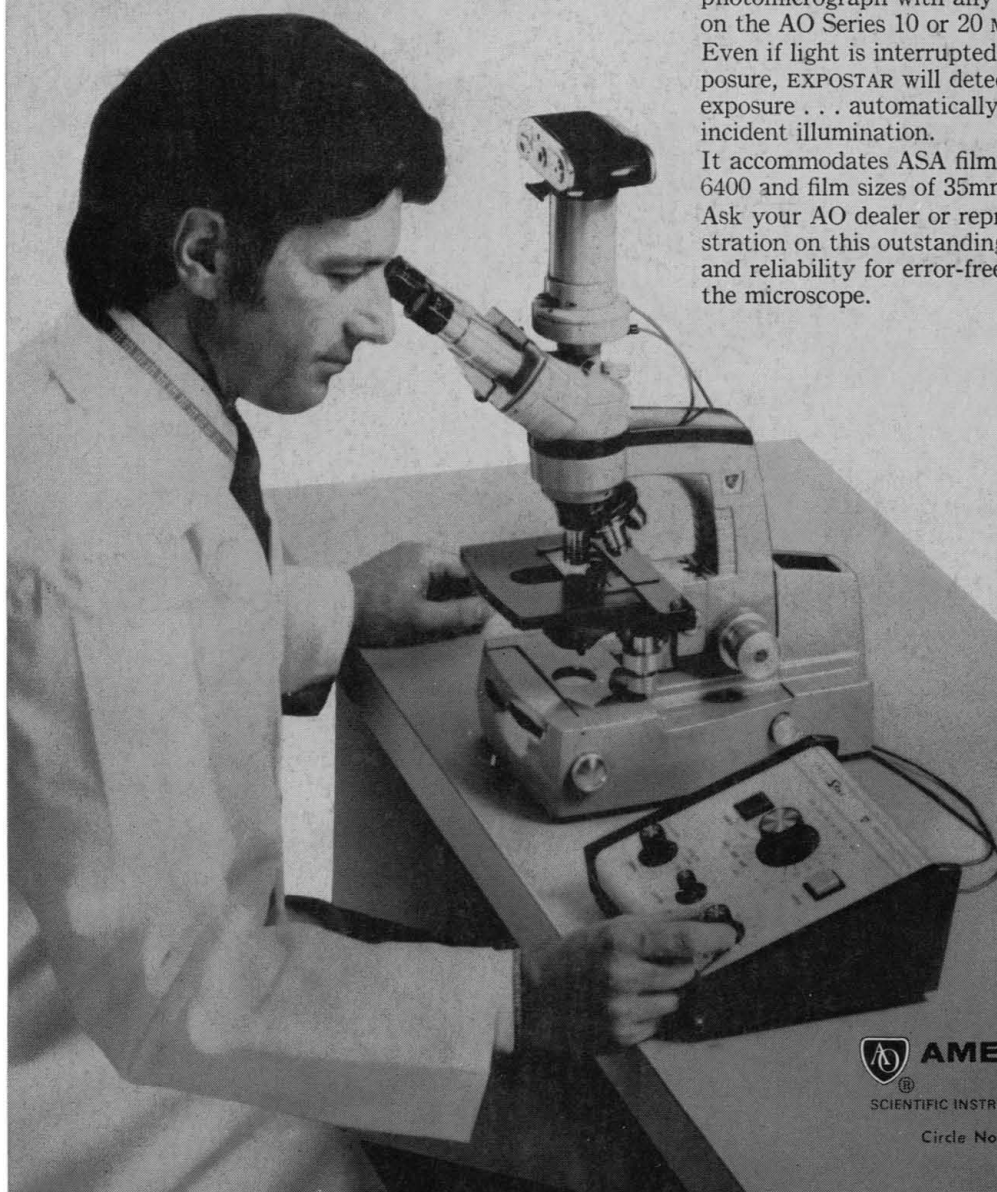
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