

Personnel Placement

RATE CHANGE Effective 1 Jan. 1969

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. \$7 per column line, if publisher's type is used (12 lines = 1 inch). Minimum ad is 12 lines or \$84. All ads using larger than 6 point type will be billed as display ads at \$90 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)
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1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Biochemist, 31, Ph.D., specialization lipid neurochemistry; publications. Desires academic teaching/research or administrative position. Box 27, *SCIENCE*. X

Biology, Entomology. Ph.D. Experienced, teaching, research, administration. Publications. Desires teaching and/or research position. Box 28, *SCIENCE*. X

Botanist (Natural Historian). Ph.D. Seeks graduate/undergraduate teaching position in liberal arts college. Research interest Plant Anatomy. Six years' college teaching experience. Box 29, *SCIENCE*. X

Botanist, Ph.D., seeks a challenging position teaching any combination of elementary botany, anatomy, paleobotany, or taxonomy in Northeast or West. Box 30, *SCIENCE*. 1/31

Botanist, Ph.D. Teaching and research experience in taxonomy. Affiliation desired with botanic garden. Box 31, *SCIENCE*. X

INTERDISCIPLINARY RESEARCH PSYCHOLINGUIST SEMIOTICIAN & STUDENT OF THE PHILOSOPHY OF SCIENCE, Ph.D. Broad theoretical training and practical experience; formerly with major scientific publishing houses, followed by Patents and Invention experience as Vice-President and Board member in the language teaching-machine industry in close association with one of the nation's great inventors; now Interdisciplinary Biologist with Communicative Disorders, Psychiatry, and Human Development (verbal behavior and infant emergent language) in major university medical center. Contributing member of major professional and scientific organizations. Recent research accomplishments of a crucial theoretical nature. Participant in national research competitions. Presently expanding metascientific interests as exemplified by the works of Morris, Carnap, Popper, Kuhn etc., with the goal of developing new theoretical approaches. Interested in opportunities to further intellectual growth and to develop creative potential in scientific pursuits preferably in academic setting (all Behavioral Sciences, Communication Disciplines, History and Philosophy of Science, etc.), but not excluding consideration of non-profit institutions and other solidly founded scientific endeavors of a challenging nature. United States or abroad; Australia, New Zealand, etc., inquiries invited. Box 6, *SCIENCE*. X

POSITIONS WANTED

Business Administrator, new construction management, grants, contracts, personnel, cost reduction. Box 42, *SCIENCE*. X

Editor-Writer, experienced in both physical and biological sciences. Specialist in medicine, chemistry. \$15,000 range. Box 32, *SCIENCE*. X

Educational Administrator, Ph.D., teaching and administrative experience in experimental programs, interest in educational technology. Seeks administrative position in liberal arts or cross-disciplinary program. Box 33, *SCIENCE*. 1/31

Thirty-nine year-old Ph.D. **Environmental Biologist** with 8 years' experience in water pollution desires position in industry, teaching, research or administration. Five recent publications. Dr. John D. Phaup, 309 Thistleton Terrace, Frankfort, Kentucky 40601. X

Environmental and Space Physicist, Ph.D., 36, seeks academic teaching/research/administrative post. Experience in interdisciplinary teaching (graduate and undergraduate), curriculum development, academic and industrial administration. Research publications: astrophysical and geophysical fluid dynamics, plasma physics, and Mhd. Box 34, *SCIENCE*. X

Free-Lance Translator, German-born microbiologist-biochemist, solicits German and French publications for accurate translations into good English; \$18 per thousand words. Box 35, *SCIENCE*. X

Immunoendocrinologist. D.V.M., Ph.D. 1965. Experience in thyroid and lactation physiology and in radioimmunoassay of peptide hormones, particularly oxytocin; 25 publications; seeks research and teaching position; available 1 July 1969. Box 36, *SCIENCE*. X

Mathematician. Former Assistant Professor in a large state university has applied numerical analyses to space research problems for 5 years, using the facilities of a respected computer center. Would like to return to an academic environment in computer science. Several publications. Box D, Bowie, Maryland. X

Natural Product Chemist, Ph.D. Over 10 years' research on isolation and characterization of physiologically active compounds. Broad experience in field. Seeking responsible research position. California and northern New Jersey preferred but not essential. Box 37, *SCIENCE*. X

Parasite Chemotherapy Ph.D. Seeks new horizons—administrative—research—teaching. Seven years' industrial experience. Three patent applications. Broad background veterinary/human helminthology—medicinal chemistry—formulations. Currently working on second parasiticide product. Box 38, *SCIENCE*. X

Pharmacology Ph.D.; completing postdoctoral fellowship; university medical school teaching; heart-skeletal muscle drug effects research; seeks teaching-research appointment. Woodward Personnel Bureau, 185 North Wabash, Chicago 60601. X

Physiologist, Ph.D., postdoctoral with extensive research experience, seeks academic teaching/research position; preferred locations: Mid to Southern California, Southwestern states. Box 39, *SCIENCE*. X

Physiologist, Ph.D. Seeks challenging teaching/research position in physiology, pharmacology, zoology. Will consider administration. Teaching experience all levels. Publications. Box 43, *SCIENCE*. X

Science Editor. Published, seeks editorial position with magazine or journal (academic or commercial). Prefers science popularization. Has broad experience in technical and science writing; also solid background in English. Box 25, *SCIENCE*. X

Sensory Physiologist-Biophysicist, university professor. Grants. Many publications visual photochemistry, retinal ion transport, electrophysiology. Box 26, *SCIENCE*. X

Vertebrate Zoologist, Ph.D., 1967. Research areas: ecology and ornithology; publications; teaching experience. Seeks teaching-research or teaching position, September 1969. Box 46, *SCIENCE*. X

Zoologist, Ph.D. areas—vertebrate biology and physiology ecology. Postdoctorate. Teaching experience. Publications. Desires teaching-research position. Box 41, *SCIENCE*. X

POSITIONS OPEN

(a) **ASST DIR MARKETING** drug mfrg & marketing exp; develop testing contacts univ, hosp, etc; \$18,000; drug mfr; MidE. (b) **ASSOC PROF ANATOMY** teach; pos research; med col; \$15,000; MidW. (c) **BIOCHEMIST R&D** food prod exp; new div drug mfr; \$15,000 FEE PD; E. (d) **BOTANIST** teach Plant Physiology & Genetics; \$10,000 up; state col; MidW. (e) **MICROBIOLOGIST** clinical exp; Immunology research; Med col & hosp; open; E. (f) **BIOCHEMIST** chg dept 600-bed hosp; to \$20,000; S. **WOODWARD PERS BUREAU**, 185 N. Wabash, Chicago 60601.

Ph.D. BIOCHEMIST WITH ORGANIC MINOR. Product Research and Development. Aggressive division of respected company has an opening at the Group Leader level for responsible person, preferably with experience in industrial metalworking products. Position requires ability to solve diverse biochemical and related problems and to provide technical support to product ventures into new markets. Please forward résumé in complete confidence to Box 44, *SCIENCE*.

We are an equal opportunity employer.

NEVADA SOUTHERN UNIVERSITY

Department of Biology
Las Vegas, Nevada 89109

Biology openings for **Animal Physiologist**, **Microbiologist**, and **Biochemist-Plant Physiologist** for the academic year 1969-70. Ph.D. by September 1969 required. Rank and salary open. Equal opportunity employer. For further information contact Dr. Leonard W. Storm.

A **Faculty position** is available in the Section of Clinical Reproduction, School of Veterinary Medicine, University of Pennsylvania. Applicants must have clinical and research background. Salary and rank open. Contact **Dr. R. L. Brinster**, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pa. 19104.

IMMUNOLOGIST

Opportunity for chemically oriented M.S. or Ph.D. with extensive bench experience to head section developing new diagnostic tests. Laboratory located on shore, 30 miles from New York City.

Submit confidential resume and salary required to: **DR. S. AVAKIAN**.



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35 Commerce Road, Stamford, Conn. 06902

VETERINARY PATHOLOGIST

for

OAK RIDGE NATIONAL LABORATORY

Position requires a Veterinary degree plus minimum of three years' experience or training in pathology. Responsibilities include gross and microscopic pathology of laboratory animals in an extensive testing and diagnostic program, plus assisting in management of Central Animal Facilities. Excellent laboratory facilities and high standards of laboratory animal care. Opportunity to associate with professional people in a wide range of biomedical sciences in a large research institution. Salary commensurate with training and experience.

Personnel Division
Oak Ridge National Laboratory
P.O. Box X
Oak Ridge, Tennessee 37830

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POSITIONS OPEN

UNIVERSITY OF VICTORIA

Department of Chemistry

DEPARTMENT HEAD

An established senior colleague with suitable administrative and teaching experience to head a growing 16-member department, which maintains excellence in undergraduate instruction and offers M.Sc. and Ph.D. programs to select students. Duties to commence about 1 July 1969. Applications, including curriculum vitae, will be received until **15 February 1969**, by:

The Dean
Faculty of Arts and Science
University of Victoria
Victoria, B.C., Canada

MEMORIAL UNIVERSITY OF NEWFOUNDLAND Biochemists/Chemists

Applications are invited for two technician posts in the Department of Medicine.

1) A B.Sc. (Hon.) or M.Sc. is required in a Clinical Research Unit, concentrating on Hypertension. Individuals should preferably have experience in steroid methodology and radioisotopes.

2) The second post is available for a B.Sc. (Hon.) I.M.L.T. or equivalent qualification in Chemistry or Biochemistry, with or without experience in steroid Biochemistry.

Salary: \$6000—\$7400 (B.Sc.); \$6400—\$9600 (M.Sc.). Assistance with travel expenses provided.

Applications should be addressed to:

Ian E. Rusted, M.D., F.R.C.P.(C).
Dean of Medicine
Memorial University of Newfoundland
St. John's, Newfoundland, Canada

GRADUATE STUDY

GRADUATE STUDY IN BIOCHEMISTRY AND BIOCHEMICAL CRYSTALLOGRAPHY. Predoctoral appointments leading to the Ph.D. degree in the Faculty of Arts and Sciences for the academic year 1969-1970. Excellent facilities are located in the newly enlarged, air-conditioned Public Health School building. Opportunities in a variety of research areas, including molecular biology, biophysical chemistry, enzymology, intermediary metabolism, and natural products chemistry. Interdisciplinary program in molecular structure analysis by x-ray diffraction. Tax-free stipend plus tuition and fees for 12 months. Address inquiries to **Dr. Richard Abrams, Chairman, Department of Biochemistry, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania 15213.**

GRADUATE FELLOWSHIPS for study leading to Ph.D. in biochemistry. Excellent facilities and living conditions. Expanding faculty of ten covering most research interests.

Dr. Robert G. Langton, Chairman,
Department of Biochemistry,
University of Florida College of Medicine,
Gainesville, Florida 32601.

Biochemistry: Postdoctoral Fellowship, Research Assistantships, Teaching Assistantships are available in well-equipped, fast growing department in beautiful Rocky Mountain area. Apply and send transcripts to **Dr. Anthony T. Tu, Chairman Graduate Committee, Department of Biochemistry, Colorado State University, Fort Collins, Colorado 80521.**

POSITIONS OPEN

GRADUATE STUDY

GRADUATE STUDIES IN AN ECOLOGICAL APPROACH TO REGIONAL PLANNING

University of Pennsylvania

Applications are invited for graduate studies leading to the degree of Master of Regional Planning. The program, emphasizing an ecological approach, is designed to accommodate persons with either a Bachelor's degree in one of the sciences or in the arts. Stipends and remission of University fees are offered to successful applicants. Inquiries for further information should be directed to **Professor Ian L. McHarg, Chairman, Department of Landscape Architecture and Regional Planning, University of Pennsylvania, Philadelphia, Pennsylvania 19104.**

PREDOCTORAL TRAINEESHIPS IN VIROLOGY

Excellent opportunities for chemistry, biology, and physics majors with at least a B average to do graduate work leading to the Ph.D. Traineeships include full tuition scholarship plus stipend and dependency allowance. Training and research in general, medical, and molecular virology, particularly as related to cancer and persistent viral infections. Write for details to **Department of Virology, Baylor University College of Medicine, Houston, Texas 77025.**

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 Fellows 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. \$6000 (Australian) per annum; increased to \$6500 per annum at age 28 years.

ALLOWANCES. Allowances are payable in respect to a Fellow's wife (\$500 p.a.), 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 Fellowships Committee, Department of Education and Science, P.O. Box 826, Canberra City, A.C.T. 2601., Australia; The Official Secretary, Australia House, Strand, London, W.C.2, England; or the Consul General, Australian Consulate General, 636 Fifth Avenue, New York, N.Y. 10020, U.S.A. Applications for the next round of awards, which will be announced in June 1969, close at the Canberra address on **21 March 1969.**

GRADUATE STUDY

Offer Postdoctoral Fellowship, 1 to 3 years, for research in biochemical parasitology with emphasis on schistosomal larval forms. Inquiries to

**Pharmacology Department
Dr. Julian J. Jaffe
University of Vermont
Burlington, Vermont 05401**

A POSTDOCTORAL FELLOWSHIP IN REPRODUCTIVE PHYSIOLOGY is available for the year 1969-1970. For information contact

**Dr. R. L. Brinster
School of Veterinary Medicine
University of Pennsylvania
Philadelphia, Pa. 19104**

Research Traineeship in Investigative Endocrinology. Two-year program with special emphasis on development and application of radioimmunoassay procedures; current areas of research include physiology and immunology of insulin, growth hormone, oxytocin, vasopressin and calcitonin; funded by National Institutes of Health; one position available 1 July 1969 to M.D. or Ph.D., American citizen or foreign national with permanent residency status. Write **Seymour M. Glick, M.D., Maimonides Medical Center, Coney Island Hospital, Ocean and Shore Parkways, Brooklyn, New York 11235.**

PREDOCTORAL ASSISTANTSHIPS AND TRAINEESHIPS IN PHYSIOLOGY

Excellent opportunities for graduate students leading to the Ph.D. Ample stipends and free tuition. Training and research in endocrinology, gastrointestinal, water and electrolyte metabolism, cardiovascular, sensory physiology, energy metabolism and bioengineering. Write for details to

**Head Department of Physiology
University of Illinois at the Medical Center
P.O. Box 6998
Chicago, Illinois 60680**

The Market Place

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