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POSITIONS WANTED

Biochemist, Ph.D. Pharmacology minor; M.D. unlicensed; 10 years clinical biochemist; available for clinical or hospital appointment. Woodward Personnel Bureau, 185 North Wabash, Chicago 60601.

Ph.D. in Biophysics, experience in radiation research, synthesis and structure of nucleic acids; 16 publications; seeks research position possibly some teaching in N.Y.C. or surrounding area. Box 147, **SCIENCE**. 4/26; 5/3; 10

Business Administrator, new construction management, grants, contracts, personnel, accounting. Box 151, **SCIENCE**. X

Environmental Scientist, Ph.D. Diversified teaching, research experience air, water pollution, radiation, pesticides, foods, toxicology, public health. Publications. Research administration and/or teaching desired. Box 148, **SCIENCE**. X

Microbiologist B.S. extensive experience respiratory and oncogenic viruses seeks science writing or technical services position with biomedically oriented firm. Box 149, **SCIENCE**. X

Ph.D. Research Entomologist, 42. Experienced teacher. Desires return to teaching (zoology, biology). Prefer coastal location, West or overseas. Box 133, **SCIENCE**. 4/19

Vertebrate Physiological Ecologist, Ph.D. Two year postdoctorate. Publications. Desires teaching-research position. Box 150, **SCIENCE**. 4/26

Veterinarian seeking academic/research position cardiovascular diseases. Well grounded in canine cardiology, electrocardiography; veterinary geriatrics. Twenty years' experience in small animal practice. Currently veterinary research consultant medical research foundation, consultant cardiology, geriatrics A.S.P.C.A. New York City. Gerard Rubin, 18 Wm Penn Dr., Stony Brook, N.Y. 11790. X

Veterinary Pathologist, experienced in toxicological pathology. Academic and industrial background. Near board eligible. Box 143, **SCIENCE**. X

Zoologist—Ph.D., endocrinology-biochemistry; some publications, 7 years' industrial research, 5 years' experience in developing and teaching courses in endocrinology, cell physiology, and introductory biology. Also experienced in advising advanced undergraduates in research and paper presentation. Interested in teaching position, Fall, 1968. Box 144, **SCIENCE**. 4/19, 26; 5/3

Zoologist-Parasitologist; 35, Ph.D., 1964. Host parasite relations, immunity, tissue culture. Experienced in teaching general zoology, microbiology, parasitology. Postdoctoral experience. Publications. Seeks teaching and/or research position. Box 152, **SCIENCE**. X

19 APRIL 1968

POSITIONS OPEN

POSITIONS OPEN

Steroid Biochemist

Opening for recent Ph.D., with or without postdoctoral experience, in endocrine biochemistry group studying steroidogenesis, steroid metabolism and hormone-target tissue interaction as a part of a broad endocrine research program.

The Sterling-Winthrop Research Institute is the research division of Sterling Drug, Inc., one of the world's largest producers of medicinal agents. Sterling Drugs manufactures professional, consumer and industrial products identified by more than a thousand brand names. The Institute employs over 600 people and is engaged in a very active pharmaceutical research program. It is near Albany, on a plateau overlooking the Hudson River Valley.

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For detailed information, please contact

Adrian Kantrowitz, M.D.
Maimonides Medical Center
Brooklyn, New York 11219

BIOCHEMIST

University of Guelph
Applications are invited from suitably qualified candidates to teach biochemistry and to develop an active research program, preferably in the fields of carbohydrates and/or enzymology. Minimum salary at Assistant Professor level \$9,800. Nominal appointment date July 1, 1968. Detailed applications naming three referees and curriculum vitae should be forwarded at once to: Chairman, Department of Chemistry, University of Guelph, Ontario, Canada.

Opening for **Field Biologist** on research project on ecology of tick vectors of disease and wild mammal hosts, including radio-ecological techniques starting on or about July 1, 1968. Salary from \$7,000 to \$7,500 depending upon qualifications. Masters degree or equivalent experience preferred. Location of study area near Richmond, Virginia. Write to: Dr. D. E. Sonenshine, Biology Department, Old Dominion College, Norfolk, Virginia 23508.

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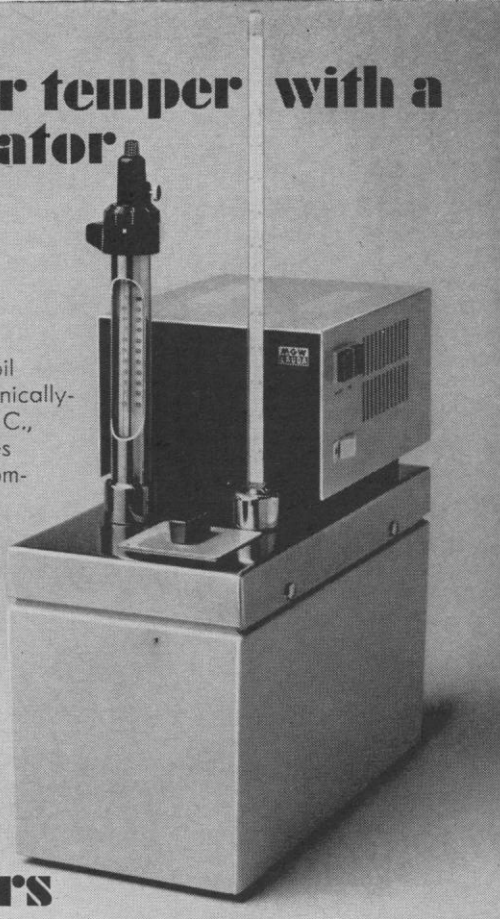
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We are seeking a person with a strong biochemistry or chemistry background possessing an M.S. or B.S. degree with 2 to 3 years' laboratory experience. Should be capable of working with minimal amount of supervision. Successful candidate will be knowledgeable in physiology or endocrinology. Experience with small animals and radioisotopes also desirable.

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A major publisher of scientific journals is seeking a bright, experienced copy-editor and proof-reader. The ideal candidate would have a degree in English, a strong background in science, a commitment to publishing as a career, an interest in administration (to which the present position is likely to lead), experience in technical editing (preferably in the biological sciences), the ability to maintain high standards, and awareness of the fact that deadlines were invented before clocks. Send resume to **Robert A. Day**, Managing Editor, American Society for Microbiology, 4715 Cordell Ave., Bethesda, Md. 20014.

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Academic position available September 1968. Ph.D. preferred. Rank and salary dependent on degree attained and experience. Send applications with vitae and references to: **Dr. Richard A. Ryan**, Head, Biology Dept., Hobart & Wm. Smith Colleges, Geneva, N.Y. 14456.

ELECTROPHYSIOLOGIST, Ph.D. or M.S. with interest in ocular research to work in large Ophthalmology Dept. of an expanding medical center. Salary open. Write in detail, including curriculum vitae and bibliography to: **Dr. Heskell Hadad**, Dept. of Ophthalmology, BETH ISRAEL MEDICAL CENTER, 10 Nathan D. Perlman Place, N.Y., N.Y. 10003.



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To edit, abstract and translate veterinary copy. Coordinate scientific data for submission to F&DA. Assist in preparation of various research publications. Requires a degree, intensive editing experience, a systematic mind and genuine concern for accuracy.

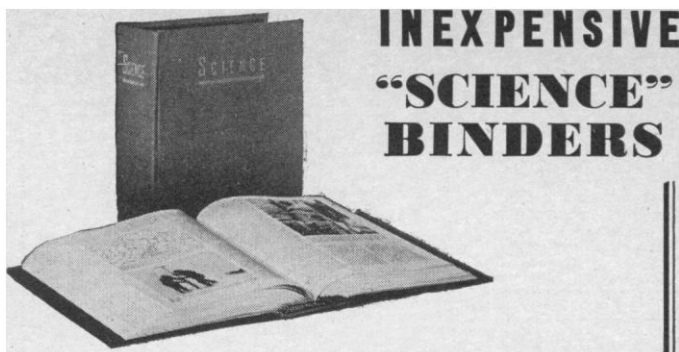
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Staff positions open in renal physiology, cancer biology, immunology, and biochemistry. Scientists with significant postdoctoral experience are invited to submit curricula vitae to **Dr. Samuel W. Leshner**, Director, Division Radiation Biology, Department of Radiology, Allegheny General Hospital, 320 E. North Avenue, Pittsburgh, Pa. 15212.

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and
RADIOLOGIST-MATHEMATICIAN
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Research Assistant for biochemical studies of the brain. Recent graduate training (or experience equivalent to M.S.) required. Reply: **Department of Pharmacology, Medical School, Rutgers, The State University, New Brunswick, N.J. 08903.**

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Position available which involves **Teaching and Research**. Teaching is at the undergraduate (dental) and graduate levels. Appointment and salary commensurate with training and experience. Further details provided upon request. Please contact **Dr. J. C. Wilt**, Department of Medical Microbiology, University of Manitoba, Medical College, 770 Bannatyne Ave., Winnipeg 3, Man. Canada.

RESEARCH VIROLOGIST

Expanding research programs in our Department of Microbiology have created an additional opening on our research staff for a virologist to study the interaction of viruses with mammalian cells.

We are seeking a person with an M.S. degree with strong academic background in chemistry and the biological sciences, as well as considerable experience in cell culture and plaque inhibition and viral assays. Previous industrial supervisory experience and exposure to animal work is desirable.

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GRADUATE STUDY

NEW ZEALAND SENIOR AND POSTDOCTORAL RESEARCH FELLOWSHIPS

The New Zealand National Research Advisory Council invites applications for Senior and Postdoctoral Fellowships to be taken up in New Zealand in 1969. The awards will be for Research at any of the branches of the Department of Agriculture, New Zealand Forest Service, or Department of Scientific and Industrial Research. A good working knowledge of English is required. There is no restriction regarding nationality of applicants, but successful candidates must meet the requirements of the New Zealand immigration authorities.

A grant equivalent to return economy class air fares from the Fellow's home to the New Zealand institution will be made. While in New Zealand reasonable travelling expenses incurred in connection with the research work will be paid.

If reciprocal social security between the Fellow's country and New Zealand does not apply a medical insurance premium will be paid.

All emoluments are taxable. \$NZ1 is approximately 9s. 4d. sterling or \$US 1.12.

Senior Research Fellowships—Applicants should possess a Ph.D. degree or higher qualification or have a distinguished record of scientific research. The fellowships are intended for research workers who have had several years professional experience and have published original material. Fellowships are normally for a period of from 9 months to a year. If a fellow's wife accompanies him a grant equivalent to her return fares will be paid provided the fellowship is for a term of at least 9 months. If applicable, the employer's contribution to a superannuation scheme will be paid. The emoluments will range from \$NZ6,370 to \$NZ8,200 a year.

Postdoctoral Research Fellowships—Applicants should possess a Ph.D. or equivalent degree. The fellowships are intended for research workers who are recent graduates and may have had some research experience since graduation. Fellowships are normally for a period of from two to three years. If a fellow's wife and family accompany him a grant equivalent to their return fares will be paid. A grant will also be made towards the cost of transport of personal effects. The emolument will be \$NZ4,680 a year.

Application forms and further particulars are obtainable from:

The New Zealand Scientific Liaison Office, Africa House, Kingsway, London W.C.2, England.

The Secretary, National Research Advisory Council, P.O. Box 8004, Wellington, New Zealand.

The New Zealand Embassy, 19 Observatory Circle, N.W., Washington D.C. 20008 U.S.A.

The Office of the High Commissioner for New Zealand, Suite 804, Commonwealth Buildings, 77 Metcalfe Street, Ottawa, Ontario, Canada.

Applications must reach the Council Secretary by 30 September, 1968.

Department of Dermatology, Tufts University School of Medicine. Postdoctoral fellowship available 1 July. Previous training in electron microscopy and/or biochemistry desirable. Salary up to \$11,000 per annum. Send curriculum vitae and two letters of reference to Dr. Milton R. Okun, Dermatology Laboratory, Boston City Hospital, 818 Harrison Avenue, Boston, Mass. 02118.

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Graduate Research Training Program in Air Pollution Toxicology leading to M.S. 12-month course, non-thesis, involves study of analysis of pollutants, biological effects. Stipend \$3000 (tax free) plus dependency allowance—includes tuition, fees. Available for September 1968. Information from Dr. Samuel Elkin, Temple University School of Pharmacy, 3223 N. Broad Street, Philadelphia, Pa. 19140.

POSTDOCTORAL TRAINING PROGRAM IN IMMUNOPHYSIOLOGY. Applications are being accepted for postdoctoral traineeships in Immunophysiology. Applicants must be U.S. citizens and holders of a doctorate in Chemistry, Biology, or one of the Medical or Veterinary sciences. Successful applicants will be expected to begin their training in September 1968. For details write to: Dr. G. A. Feigen, Dept. Physiology, Stanford University, Stanford, California 94305.

A postdoctoral fellowship in reproductive physiology is available for the year 1968-1969. For information write to: Dr. R. L. Brinster, Kling Ranch Laboratory of Reproductive Physiology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Penna.

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Head, Department of Physiology
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An International Summer Course in Immunology, sponsored by NATO (North Atlantic Treaty Organization) and INRA (Institut National de la Recherche Agronomique) will be organized at the Ecole Nationale Supérieure Agronomique de Grignon (France), from 4 September to 12 September 1968.

Major topics will include:

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- Active site
- Biosynthesis of immunoglobulins
- Complement
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- Hypersensitivities

Teaching staff will include Dr. B. A. Askonas, Pr. G. M. Edelman, Dr. M. Fougereau, Pr. E. A. Kabat, Pr. M. M. Mayer, Dr. J. F. A. P. Miller. Additional information and application forms may be obtained from the following address:

Dr. A. Paraf, Dr. M. Fougereau
Laboratoire d'Immunologie
78 Thiverval-Grignon (France)

Deadline for applications: 1 June 1968.

COURSE ON THE APPLICATION OF ELECTRON MICROSCOPY TO MOLECULAR BIOLOGY

A 3-week course on the Application of the Electron Microscope to Problems in Molecular Biology will be given in Oak Ridge, Tennessee, from September 30, 1968 to October 19, 1968. This course will be sponsored by the Biology Division, Oak Ridge National Laboratory, and the University of Tennessee—Oak Ridge Graduate School of Biomedical Sciences.

The course will stress specimen preparation, examination techniques, and interpretation of results. It will be designed for participants, at the postdoctoral or advanced Ph.D. student level, with good background in some branch of Molecular Biology. The teaching staff will include Lucien Caro, Fred Eiserling, Ann Jacobson, Edouard Kellenberger and Oscar Miller. The deadline for applications is July 14, 1968.

Inquiries may be addressed to Dr. Lucien Caro, Biology Division, Oak Ridge National Laboratory, Post Office Box Y, Oak Ridge, Tennessee 37830.

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