

# PERSONNEL PLACEMENT

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Box (give number)  
Science  
1515 Massachusetts Ave., NW  
Washington 5, D.C.

## POSITIONS WANTED

**Biochemist Ph.D.** Experienced—clinical, teaching and research. Desires permanent position in basic or clinical science. Box 84, **SCIENCE**. 4/27

**Cell Biologist.** M.S. (cellular physiology) plus 1-year additional study. Experienced in research and teaching. Publications, seeks industrial position with research opportunities, preferably East or Northeast location. Box 87, **SCIENCE** X

**Doctor of Philosophy** with several years of experience in foreign countries is looking for a college or university position in human and comparative anatomy, including histology. Box 88, **SCIENCE**. X

**M.S.** with several years of experience in spectroscopy and other special instruments is looking for an open position. Box 89, **SCIENCE**. X

**Plant Physiology Ph.D.** Experienced teacher, publications. Teaching-research position sought. South preferred. Box 90, **SCIENCE**. X

## POSITIONS OPEN

### BIOCHEMIST-BUSINESS MAN

If you have the unique combination of laboratory and management experience in the procurement, production, and sale of biochemicals for research, investigate this management position supervising the growth of an independent biochemical synthesis company. Stock option. Contact Dr. Seymour Rothchild, Pres., New England Nuclear Corp., 575 Albany Street, Boston 18, Mass.

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### CHEMIST

Ph.D. in Biochemistry or Organic Chemistry with experience in protein chemistry to engage in Research. Excellent facilities. \$9000 year. Send curriculum vitae to: Box HA-703-S, 250 W. 57 St., N.Y. 19, N.Y.

## POSITIONS OPEN

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### CHEMIST

Organic or physical, recent B.S. or M.S. For projects on spectropolarimeter. Opportunity to obtain experience in steroid chemistry and with nuclear magnetic resonance, gas chromatography and infrared and ultraviolet spectrometry. Apply to Employment Secretary, Worcester Foundation, 222 Maple Ave., Shrewsbury, Massachusetts.

(a) **Immunochemist/Immunologist**; faculty appt microbiol dept w major resp in immunochem assay of protein hormone rscrh; to \$10,000 dep rank; med coll; E. (b) **Bacteriologist**; full chge dept, very lge, highly reg clin grp; compl med lab facil; M.S., equiv exper cons; univ city, oil, wheat-growing area; W-Central. (c) **Microbiologist**; asst or assoc prof; ample rscrh oppty, 9-12 hrs' teach'g per wk at grad, undergrad levels; to \$8500; lge univ; E. (d) **Biochemist/Pharmacologist**; reg's Ph.D. able manage, org, devel rscrh progs in toxicol dept, outstand'g rscrh inst; to \$15,000; highly desirable loca. (e) **Biochemist**; M.S. pref to hd dept, grp nrly 20 MDs in all spec; lovely sm resort comm; NE. (f) **Biochemist**; rec Ph.D. microbial biochem for rscrh on microbial toxins, active, expand'g dept; E. Science Division, Woodward Medical Personnel Bureau, Ann Woodward, Director, 185 North Wabash, Chicago. X

### FISHERIES RESEARCH BOARD OF CANADA BIOLOGICAL STATION, NANAIMO

Applications are invited for three scientific positions in the Fisheries Field.

**SCIENTIST—GROUND FISH.** To plan and carry out investigation of groundfish resources in north-eastern Pacific and possibly Bering Sea; to determine distribution and abundance of species involved; to carry out studies relative to needs of eventual management and for international discussion. A master's or doctor's degree with training in zoology, experience in fisheries research and statistical analysis relative to population dynamics desirable. Salary range \$8800-\$10,500.

**BIOLOGIST—PACIFIC SALMON RESEARCH.** To plan, conduct and report on field studies to improve the scientific basis for management of the salmon fisheries of the Skeena River area of northern British Columbia. Field work, occupying several months of each year, may involve such operations as estimation of abundance of adult spawning runs and of downstream migrants, sampling of commercial catches, and observations on various aspects of salmon biology and environments.

**BIOLOGIST—LIFE HISTORY OF YOUNG SALMON.** To conduct and report on ecological studies of the early life history of sockeye salmon. Several months of each year will be spent in the field research area at Babine Lake in north central British Columbia and the remainder at Nanaimo headquarters in analysis and reporting of results.

The latter two positions require a master's or doctor's degree (or equivalent) with training in zoology. Preferably some experience in field fisheries research. Salary range of latter two positions \$6700-\$8500.

All positions are permanent with benefits of the Public Service of Canada. Further details of work may be obtained by writing to The Director, Fisheries Research Board of Canada, Biological Station, Nanaimo, British Columbia, Canada. X

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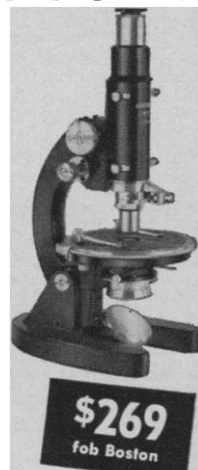
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## POSITIONS OPEN

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### GENERAL OR CELLULAR PHYSIOLOGIST

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**Box 82, SCIENCE**

### Microbiologist—Marine Productivity

Applications are invited for the post of microbiologist at Nanaimo (near Vancouver, British Columbia) to initiate and develop a program of marine microbiology with special reference to the heterotrophic growth of bacteria, fungi, algae and Protozoa and the role of such organisms in the balance of dissolved organic matter in the marine food chain. No specialized experience expected but applicant must show research initiative and be prepared to go to sea. Salary range \$6700-\$10,500. Permanent position with benefits of public service. Further details of work may be obtained by writing to The Director, **Fisheries Research Board of Canada**, Biological Station, Nanaimo, British Columbia, Canada. X

### PHARMACEUTICAL CHEMIST

To assume full charge of injectable manufacturing in medium-size mid-western pharmaceutical company.

**Box 85, SCIENCE**

(a) **PHARMACOGNOSIST**, recent Ph.D. with background in botany and chemistry. (b) **BIOL-OGIST**, recent Ph.D. with major interest in molecular biology and background in cytology or genetics. Desirous of making these fields their life work in teaching and research. Salaries dependent upon qualifications. Send résumés to Dr. M. S. Dunn, Biology Department, **Philadelphia College of Pharmacy and Science**, Philadelphia 4, Pennsylvania. X

**Research Biochemist**. Ph.D. with strong background in protein chemistry to pursue basic research in area of protein isolation, characterization, and enzyme mechanism. Well-equipped government laboratory, Louisville, Kentucky, area. Position in Career Federal Service. Academic affiliation with neighboring university possible. GS-level and salary depending upon experience. Applicant must qualify under the appropriate civil service examination. Civilian Personnel Officer, **U.S. Army Medical Research Laboratory**, Fort Knox, Ky. X

**RESEARCH DIRECTOR**: M.D. active in research to assume direction of research foundation associated with clinic and teaching hospital, Northwest. Ample opportunity for independent personal research.

Applications stating age, qualifications, experience, present appointment, and names of three references should be sent to

**Box 86, SCIENCE**

We have openings at various locations in our technical sales department for recent college graduates or investigators with some experience (natural sciences).

If you are interested in a career in the rapidly expanding field of scientific instruments with a progressive organization devoted to technical ability, write to: Mr. K. P. Brinkmann

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## POSITIONS OPEN

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The AAAS has an opening on its staff for a challenging position in its new Public Understanding of Science Department. Needed is a person with a wide range of skills in science communication and a knowledge of science.

Position will involve the development of print media activities for the department (research, media services, communications programs) and of public information services.

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Inquiries should be directed to

**E. G. Sherburne, Jr., Director**  
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1515 Massachusetts Ave., NW  
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## The Market Place

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**DISPLAY:** Insertions must be at least 1 inch in depth. Weekly invoices will be sent on a charge account basis—provided that satisfactory credit is established.

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13 times in 1 year	50 per inch
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### MAMMARY TUMORS IN MICE

**AAAS Publication No. 22.** By the staff of the National Cancer Institute, National Institutes of Health. F. R. Moulton, Ed.

Published 1945—Now offered at reduced price: \$3.00 prepaid orders by AAAS members, \$3.50 retail. Cloth, 20 tables, 52 illus.

**AAAS**

1515 Massachusetts Avenue, NW,  
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Advances in modern medicine have given mankind unusual freedom from a host of serious diseases. Unfortunately the causes of many disorders are still unknown, yet successful treatment depends, to a large degree, upon early detection. In 1956, after several years of intensive research, Miles-Ames scientists developed a new concept in diagnostics—a simple, accurate, and reliable dip-and-read test called Clinistix® as an aid in the detection of diabetes. Since this breakthrough a variety of dip-and-read diagnostic tests including Uristix®, Albustix®, Ketostix®, and Phenistix® have been developed. Widely used by the medical profession, these tests have proven their value in aiding early detection of certain kidney dysfunctions, upsets in carbohydrate and fat metabolism and a specific defect in amino acid utilization which leads to mental retardation. While such tests represent only a small beginning, their success opens up the exciting possibility for eventual development of simple diagnostic aids for many more diseases and mental illnesses.

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Scientists possessing superior disciplinary skills are invited to learn how previous experience and training can be fully utilized in one of these fine positions:

**STAFF RESEARCH IMMUNOCHEMIST**—Will have responsibility of developing, through the use of immunochemical techniques, a series of simple, reliable and standardized tests for the diagnosis of specific disease processes. Must possess an M.D. or Ph.D. in immunochemistry, immunology or biochemistry and several years' direct experience, or at least close personal contact, with various aspects of clinical immunology.

**RESEARCH SCIENTIST**—Will have the responsibility of carrying out biochemical investigations in the fields of diagnostic and therapeutic research. Must possess a Ph.D. in biochemistry. Some experience in pharmaceutical research is desirable.

**RESEARCH PHARMACOLOGIST**—Will have major responsibilities of supervising first administration of new drugs to animals for determination of acute LD 50's and to observe gross pharmacological effects. Additional duties will include carrying out chronic toxicological studies on new compounds of interest and supervising toxicological studies by outside agencies and maintain a central file of toxicological information. Applicants should have a Ph.D. in pharmacology or toxicology. Previous toxicological experience is required.

**RESEARCH INFORMATION SCIENTIST**—Will work closely with laboratory and clinical scientists in collecting, evaluating, organizing and presenting scientific information pertinent to a current or proposed program having potential diagnostic or therapeutic interest to the company. Should possess Ph.D. in a biological science, preferably physiology or pharmacology.

**RESEARCH CHEMIST**—Principal responsibilities will center on carrying out research in the identification, chemical and physical characteriza-

tion, purification and modification of organic compounds. Must possess a Ph.D. in organic chemistry and minors in analytical chemistry and one of the biological sciences.

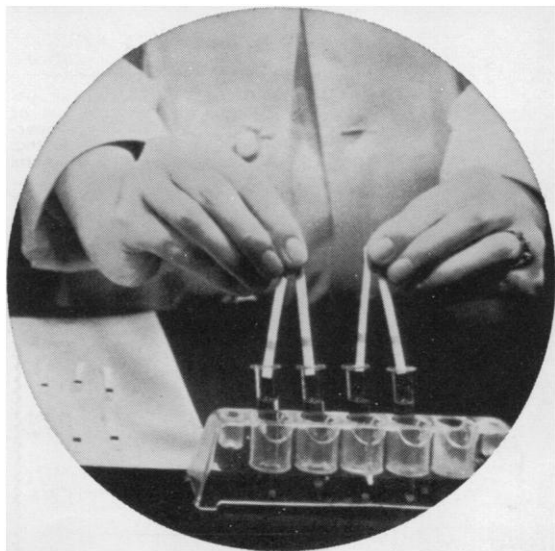
**RESEARCH BIOCHEMIST**—Activities will involve organizing and conducting a research program in protein chemistry, enzyme chemistry, metabolic biochemistry, analytical biochemistry, or physical biochemistry. Must have a Ph.D. in biochemistry, microbiology, or biology. Experience in hospital or pharmaceutical laboratory is desirable.

**RESEARCH BIOCHEMIST**—Responsibilities will center on carrying out research to reduce current or new clinical chemical diagnostic procedures to product forms; e.g., sticks, tablets, solutions, or powders. Ph.D. in chemistry, pharmacy or allied sciences is prerequisite. Industrial or post-doctoral experience in biochemical or organic research is desirable.

**ASSISTANT RESEARCH BIOCHEMIST**—Will assist scientist in carrying out biochemical experiments in either the diagnostic or therapeutic area. Must have a B.S. or M.S. in chemistry or biochemistry. Some experience in a research laboratory is desirable.

**ASSISTANT RESEARCH BIOCHEMIST**—To carry out clinical chemical investigations in connection with laboratory evaluations of new drugs. Must be a registered medical technologist and possess a B.S. in chemistry or biology. Some clinical chemistry experience in a hospital or industry will prove extremely valuable.

**ASSISTANT CONTROL MICROBIOLOGIST**—Will carry out bacterial and fungicidal tests including clinical or "use" tests for antiseptic type products. Must possess B.S. in microbiology or biology and a minimum of 2 years' industrial experience in pharmaceutical, cosmetic plant or hospital laboratory.



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Inquiries may be directed in complete confidence to:

**DR. R. A. McCracken**, Coordinator of Management Recruitment  
(Personal discussions can be arranged at your convenience, including Saturdays, in Elkhart, Indiana.)

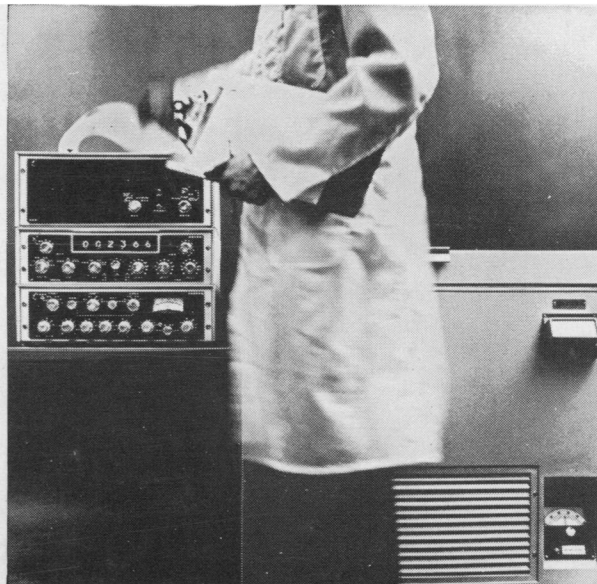
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