

# Best Sellers from AAAS

	Price
Air Conservation (ISBN 087168-080-7)	\$ 8.00
Oceanography (ISBN 087168-067-X)	14.75
Estuaries (ISBN 087168-083-1)	27.00
Ground Level Climatology (ISBN 087168-086-6)	12.50
Research for the World Food Crisis (ISBN 087168-092-0)	12.50
Research in the Antarctic (ISBN 087168-093-9)	24.95
Man, Culture, and Animals: The Role of Animals in Human Ecological Adjustments (ISBN 087168-078-5)	8.00
Arid Lands in Transition (ISBN 087168-090-4)	15.75
Folk Song Style and Culture (ISBN 087168-088-2)	16.75
Agriculture and the Quality of Our Environment (ISBN 087168-085-8)	13.50
Science in Japan (ISBN 087168-079-3)	13.00
Biology of the Mouth (ISBN 087168-089-0)	10.00
Environmental Variables in Oral Disease (ISBN 087168-081-5)	8.75
Mechanisms of Hard Tissue Destruction (ISBN 087168-075-0)	8.75
Systems of Units: National and International Aspects (ISBN 087168-057-2)	6.75
Symposium on Basic Research (ISBN 087168-056-4)	3.00
Civil Defense (ISBN 087168-082-3)	4.00

Send orders to Dept. W

AAAS

AMERICAN ASSOCIATION for the  
ADVANCEMENT OF SCIENCE  
1515 Massachusetts Avenue, N.W.  
Washington, D. C. 20005

## Personnel Placement

**POSITION 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

**Biochemist**, tenured, with extensive teaching and research experience; publications; grants; seeks change to a vigorous department. Will consider a chairmanship. Box 384, SCIENCE. X

**Biochemist**, Ph.D. Extensive research experience in lipid enzymology. Present research in unsaturated fatty acid synthesis in hepatomas. Seeks teaching and/or research position. Box 385, SCIENCE. X

### POSITIONS WANTED

**Environmental Physiologist**, Ph.D. Nine years of teaching (human, cellular, and comparative physiology, biology, bioinstrumentation, others) and research (energy metabolism, thermoregulation, cardiovascular, adaptations to cold, arctic ecology). Publications. Grants. Desires challenging creative research, teaching, or administrative position in or out of academia. Box 386, SCIENCE. X

### POSITIONS OPEN

**Recent Ph.D. in Biochemistry** interested in ethanol and intermediary metabolism to work on myocardial metabolism in large midwestern, university-affiliated VA hospital. Send curriculum vitae to **Chief, Personnel Division, 54th Street and 48th Avenue South, Minneapolis, Minnesota 55417**. An equal opportunity employer.

### EDITOR/LIFE SCIENCES

Editor with proven record in acquisition of high-level research books and/or periodicals sought by major sci-tech publisher. Send résumé.

Box 383, SCIENCE

### MANAGER BOTTLING AND DESICCATION

B.S. or M.S. degree or equivalent in physics, physical chemistry, or industrial engineering. Theoretical knowledge and practical experience in lyophilization especially as it relates to lyophilization of live virus vaccines, will be extremely helpful and desirable.

Must be able to organize and operate a three-shift bottling and desiccation unit totaling 3 working supervisors and 13 employees. Reports to Director of Production.

Submit résumé and salary history in complete confidence to:

Diamond Laboratories, Inc.  
P.O. Box 863  
Des Moines, Iowa 50304

# AVON CALLING TOXICOLOGISTS

## TOXICOLOGISTS

Because of expansion in our Toxicology Dept. we are seeking three individuals to join our staff.

One position will be responsible for the administration and supervision of the Biological Evaluation Section consisting of our animal testing program. Individual should have an advanced degree and in-depth experience in toxicology and administration.

Another position will be a staff position responsible for our Inhalation Testing Program. It is important to have a background in respiratory physiology, aerosol physics, chamber design, particle size analysis and other aspects of an inhalation program.

The third position is a staff position responsible for conducting a major portion of our animal testing program. The individual must have experience in a toxicology dept. involved in carrying out safety evaluation programs.

Avon can offer you a dynamic professional environment in which to work and a successful business environment in which to grow. Our Research Facilities are located 35 miles northwest of New York City in Suffern, New York at the foot of the Ramapo Mountains.

If you wish to be considered for these positions, please submit a current resume including your salary history and salary expectations to Personnel Manager.

# AVON

## PRODUCTS, INC.

Division Street, Suffern, N.Y. 10901

An Equal Opportunity Employer M/F

### POSITIONS OPEN

#### KITT PEAK NATIONAL OBSERVATORY

Kitt Peak National Observatory has several openings for theoretical and observational astronomers and is now soliciting applications. Applications are also being taken for postdoctoral positions. Applications, vitae, and letters of reference should be sent to:

Director  
Kitt Peak National Observatory  
P.O. Box 4130  
Tucson, Arizona 85717

#### CERRO TOLOLO INTER-AMERICAN OBSERVATORY

The Cerro Tololo Inter-American Observatory has an opening for an astronomer to assist in science-related administrative work, which also allows some independent research time. Spanish fluency is desirable but not essential. Application, vita, and letters of reference should be sent to:

Director  
Cerro Tololo Inter-American  
Observatory  
Casilla 63-D  
La Serena, Chile

AN EQUAL OPPORTUNITY EMPLOYER

#### NEUROCHEMIST OR NEUROBIOLOGIST

research interests relevant to **Mental Retardation**. Appointment as an Investigator in the Kansas Center for Mental Retardation and Human Development and to an appropriate department at the University of Kansas Medical Center. Candidates should have already demonstrated research proficiency several years past the postdoctoral level. Send curriculum vitae and three references to **Dr. Gilbert S. Greenwald, Kansas Center for Mental Retardation and Human Development, University of Kansas Medical Center, Kansas City, Kansas 66103**. We are an equal opportunity employer.

#### LABORATORY OF NEUROPHYSIOLOGY HADASSAH UNIVERSITY HOSPITAL, JERUSALEM

Neurophysiologist required to direct and carry out research in ongoing program in the electrophysiology of the CNS. Experience in microelectrode techniques and computer analysis required. Academic position according to qualifications of candidate. Apply to **Prof. Shaul Feldman, Head, Department of Neurology, Hadassah University Hospital, Jerusalem, Israel**.

Opportunities  
for  
**POSTDOCTORAL  
RESEARCH**  
in  
**Federal Laboratories**  
through the  
NRC  
Research Associateship  
Programs

Postdoctoral scientists and engineers interested in advanced research in the natural and applied sciences are invited to consider the National Research Council's Research Associateship Programs. These programs, conducted on behalf of a number of Federal research organizations with laboratories at more than 80 geographic locations, provide opportunities for appointees to pursue research problems of their own choice which are compatible with research programs in participating laboratories.

Research Associateships are intended for individuals with less than 5 years postdoctoral experience; Senior Research Associateships are open to those 5 years or more beyond the doctorate. Some programs are open to foreign nationals.

Appointments will be awarded on a competitive basis and will be temporary, generally for a one-year period. Tenure may begin on or after July 1, 1973. Stipends will vary with type of appointment and qualifications.

Completed applications will be accepted until January 15, 1973. Further information and application materials can be obtained from:

Associateship Office  
JH 606-S  
**NATIONAL  
RESEARCH COUNCIL**  
2101 Constitution Avenue  
Washington, D.C. 20418

POSITIONS OPEN

POSITIONS OPEN



Discover financial rewards and professional fulfillment with a dynamic company leading the industry in health care products. We have an immediate opening for a talented innovator eager for career advancement:

**PHYSIOLOGIST**

You will supervise, plan, conduct and report results of experimental procedures in physiology areas. Here you'll need a Master's degree in physiology or a related field; experience in electronic monitoring equipment for blood pressure and blood flow parameters; experience in working with laboratory animals. Related background in clinical chemistry is a decided plus.

To the successful candidate we offer an excellent salary, superior benefits and free rein to develop to your full potential. Please send your resume including salary history and requirements in confidence to:

Mr. Joel Myers  
Dept. JM 4H



**BAXTER LABORATORIES, INC.**

Morton Grove, Illinois 60653  
An Equal Opportunity Employer M F



**RESEARCH IN IMMUNOLOGY**

Postdoctoral fellowships and predoctoral studentships available for research in: immunochemistry membrane phenomena, hypersensitivity, and tumor immunology. Please submit detailed applications to: **Dr. A. H. Schon, Head, Department of Immunology, Faculty of Medicine, University of Manitoba, Winnipeg, Canada, R3E 0W3.**

**SEISMOLOGIST**

Geological Survey, New York State Science Service. Senior staff position in research and applied seismology. Potential collaboration with geologists and seismologists. Requires doctorate and four years seismology experience. Competitive salary, excellent fringe benefits, moving expenses. Send resumes to **Mr. George Delamar, Personnel, State Education Department, Albany, New York 12224.** An Equal Opportunity Employer.

STATEMENT REQUIRED BY THE ACT OF AUGUST 1970; SECTION 3685, TITLE 39, UNITED STATES CODE SHOWING THE OWNERSHIP, MANAGEMENT AND CIRCULATION OF

SCIENCE published weekly on Friday except the last week in December, but with an extra issue on the third Tuesday in November at 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005. Date of filing: 29 September 1972. This is also the address of the publisher, editor, and managing editor, who are, respectively, William Bevan, Philip H. Abelson, and Robert V. Ornes.

The owner is American Association for the Advancement of Science, 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005. Stockholders: None.

Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities: None.

The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes have not changed during preceding 12 months.

The average number of copies each issue during preceding 12 months are (A) Total No. copies printed: 8,669,000; (B) Paid circulation: (1) sales through dealers and carriers, street vendors, and counter sales: 855; (2) mail subscriptions: 8,358,018; (C) Total paid circulation: 8,358,873; (D) Free distribution by mail, carrier or other means: (1) samples, complimentary, and other free copies: 214,934; (2) copies distributed to news agents, but not sold: 507; (E) Total distribution: 8,574,314; (F) Office use, left-over, unaccounted, spoiled after printing: 94,686; (G) Total: 8,669,000.

Actual number of copies of single issue published nearest to filing date are (A) Total No. copies printed: 160,300; (B) Paid circulation: (1) sales through dealers and carriers, street vendors and counter sales: 19; (2) mail subscriptions: 153,501; (C) Total paid circulation: 153,511; (D) Free distribution by mail, carrier or other means: (1) samples, complimentary, and other free copies: 4,963; (2) copies distributed to news agents, but not sold: 19; (E) Total distribution: 158,493; (F) Office use, left-over, unaccounted, spoiled after printing: 1,807; (G) Total: 160,300.

I certify that the statements made by me above are correct and complete.

(signed) HANS NUSSBAUM  
Business Manager

Do You Need.....  
**NITROGEN-15?**  
For lowest prices, call (415) 234-4130 or write for our newest isotope catalog.  
**BIO-RAD Laboratories**  
32nd & Griffin, Richmond, Calif.

**AGE DETERMINATION**  
Dating by  
 $^{14}\text{C}$ ,  $^{40}\text{K}/^{40}\text{Ar}$ ,  $^{87}\text{Rb}/^{87}\text{Sr}$ ,  
 $\text{U/Pb}$  and  
other methods.  
**TELEDYNE ISOTOPES**  
50 VAN BUREN AVENUE  
WESTWOOD, N. J. 07675  
(201) 664-7070