

# PERSONNEL PLACEMENT

**CLASSIFIED:** Positions Wanted 25¢ per word, minimum charge \$4. Use of Box Number counts as 10 additional words. Payment in advance is required.

**COPY** for ads must reach SCIENCE 2 weeks before date of issue (Friday of every week).

**DISPLAY:** Positions Open. Rates listed below—no charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Minimum ad: 1 inch. Ads over 1 inch will be billed to the nearest quarter inch. Frequency rate will apply to only repeat of same ad. No copy changes. Payment in advance is required except where satisfactory credit has been established.

Single insertion 540.00 per inch  
4 times in 1 year 38.00 per inch

For PROOFS on display ads, copy must reach SCIENCE 4 weeks before date of issue (Friday of every week).

Replies to blind ads should be addressed as follows:

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

## FELLOWSHIPS

The CHAIM WEIZMANN MEMORIAL FELLOWSHIPS at the Weizmann Institute of Science, Rehovoth, Israel, for the academic year 1962-63.

The Weizmann Memorial Foundation will shortly elect four fellows to spend a year in research in the natural sciences at the Weizmann Institute of Science, Rehovoth, Israel, beginning in the fall of 1962.

These fellowships, which are conferred annually, are intended for scientists with several years of postdoctoral research experience. It is expected that the candidate will have worked in a field close to one of the subjects under investigation at the Weizmann Institute of Science so that he will be able to join an existing research team.

The stipend includes round-trip fare by air for the scientist and his family and an adequate living allowance in Israel in local currency.

Applications should reach the Academic Secretary, The Weizmann Institute of Science, Rehovoth, Israel, not later than 1 December 1961, on a form obtainable from the administrative offices of your institution. Further information may be obtained from the Academic Secretary, The Weizmann Institute of Science.

## POSITIONS OPEN

### BIOPHYSICAL CHEMIST

A theoretical physical chemist, who is biologically oriented by training and experience, is needed to initiate basic research in drug action at molecular and sub-molecular levels. Candidate will have opportunity to bring with him or select a top-flight associate. Electron microscopy, physical biochemistry and other supporting fields are already established and available.

Abbott Laboratories' greatly enlarged research facilities are located 40 miles north of Chicago along Lake Michigan.

Reply to:

Mr. J. E. Philip,  
Administrative Assistant,  
Chemical Research Division,  
Abbott Laboratories,  
North Chicago, Illinois.

## POSITIONS OPEN

Effective 1 January 1962

The rates for advertising in the Positions Open section of Science will be increased to \$50 per inch.

## POSITIONS OPEN

### TECHNICAL SALES REPRESENTATIVES

We have an excellent opportunity for an aggressive, self-starter to represent a prestige company which manufactures instruments for chemical and biological analysis. Territory includes Texas, Oklahoma and Louisiana. Car and expenses provided.

We want a man with excellent personal qualifications who has some experience in sales of scientific apparatus. A degree or additional equivalent is preferred.

Send complete résumé, including salary requirement, or call collect:

Mr. C. A. Rossiter, Sales Manager  
Coleman Instruments, Inc.  
42 Madison, Maywood, Illinois  
Phone 312—FI 5-9400

### Newly Established Scientific Positions at Mid-Atlantic Marine Laboratory

**PHYSIOLOGIST OR BIOCHEMIST**—Ph.D. or equivalent in training and experience in biochemistry and/or cell physiology to participate in program of expanding marine physiology department.

**PHYSICAL OCEANOGRAPHER**—Ph.D. or equivalent in training and experience in physical oceanography to take part in rapidly growing estuarine and Continental Shelf oceanography. General oceanography with special interest in either chemistry, geology, or physical segments considered.

Salaries, \$7680-\$9600 depending on qualifications. Primarily research with some teaching duties in graduate School of Marine Science. **DIRECTOR, VIRGINIA INSTITUTE OF MARINE SCIENCE, VIRGINIA FISHERIES LABORATORY, GLOUCESTER POINT.**

### PRODUCTION MANAGER VETERINARIAN BIOLOGICS

To assume the responsibility for starting up and operating a new operation outside the United States. D.V.M. degree with a background in Biological production.

Please write,  
in complete confidence to:  
Box 192, SCIENCE

Ready now

LANCELOT LAW WHYTE'S

## ESSAY ON ATOMISM

From Democritus to 1960

The unique achievement of this book is the presentation of a concise introduction to the history and changing concepts of atomism.

Mr. Whyte's book reveals the incredible drama of the atom and makes readily available for the first time to students, teachers, and intellectually curious general readers an understanding of the atomic concept.

"Puts within the reader's grasp a creative insight into what may be the physics of the future. Only Lancelot Law Whyte could have written this book."

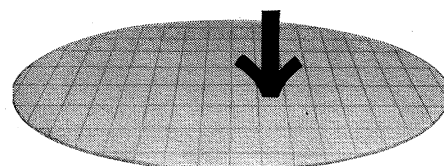
—P. W. BRIDGMAN

Chronological table, annotated bibliography. 108 pages.

Clothbound \$2.95

## WESLEYAN UNIVERSITY PRESS

MIDDLETOWN, CONNECTICUT



Speaking  
of

Millipore®

Filters

PROGRESS TOWARD  
A FILTERABILITY INDEX TEST

Report concludes that a filterability test using membrane filters (Millipore) could find most useful application in determining filter effluent quality. The sensitivity, reproducibility and simplicity of this test, as well as affording opportunity for examining material retained on the MF surface, give it definite advantages over turbidity measurements in evaluation studies.

Task Group 2720 Report, 1959, J.A.W.W.A., Vol. 51, pp. 1539-1544, Dec.

Millipore® filters are available in eleven pore-size grades from 5μ down to 10mμ. They retain on their surfaces all particles larger than rated pore size.

When writing for technical information please state your fields of interest.

Millipore® FILTER  
CORPORATION  
Dept. S, Bedford, Massachusetts

POSITIONS OPEN

POSITIONS OPEN

SUPPLIES AND EQUIPMENT

# BIOLOGIST— LIBRARIAN

Research Institute of leading north Jersey pharmaceutical firm requires B.S. in biology with 2 years' experience in medical or technical library to assist central staff librarian in cataloging, indexing, periodical searching, abstracting, etc., in medical-biological sciences. Excellent benefits program including full tuition refund plan.

Send résumé stating Salary requirements to:

**TECHNICAL RECRUITER**

**WARNER-LAMBERT RESEARCH INSTITUTE**

Morris Plains, New Jersey

## COMPUTER METHODS and POPULATION GENETICS

To carry out studies in human population genetics using computer methods. The position offers an opportunity to participate at an early stage in the development of an essentially new kind of population study using one of the newest and fastest computers in Canada.

Applicants (male or female) with university training and experience in statistics, computer programming, or population genetics preferred. Salary will depend on qualifications. Please include all details in first letter to:

**File 9C**

**The Employment Supervisor  
ATOMIC ENERGY OF  
CANADA LIMITED  
Chalk River, Ontario**

### VIROLOGIST

Masters degree and 2 years of laboratory experience, including 6 months in virus laboratory. Starting salary dependent on qualifications range \$500-\$625. Contact Administrative Officer,

State Board of Health  
Helena, Montana

**MICROBIOLOGIST** having strong biological background for editorial position with eastern publishing firm offering fast-growing information service in biology. Previous editorial experience helpful but not necessary. Competence in English language essential; reading knowledge of at least one foreign language required. Salary and rank commensurate with training and experience. Liberal annual and sick leave allowances; retirement plan. Please submit résumé to Box 193, SCIENCE.

## The Market Place

BOOKS • SERVICES • SUPPLIES • EQUIPMENT

**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.

Single insertion	\$48.00 per inch
4 times in 1 year	44.00 per inch
13 times in 1 year	42.00 per inch
26 times in 1 year	40.00 per inch

**PROOFS:** If copy is to be set, and proofs submitted for approval, complete copy and cuts must be received 4 weeks in advance of publication date (Friday of each week); complete plates no later than 3 weeks in advance of publication date.

SUPPLIES AND EQUIPMENT

**YOU NEED THIS FREE  
CATALOG FOR YOUR FILES**

Serums, antisera and bloods of all kinds for technicians and tissue culture laboratories. No salesman will call.

**COLORADO SERUM CO.**  
4950 York St. • MAIN 3-5373 • Denver 16, Colo.

### • HYPOPHYSECTOMIZED RATS

Shipped to all points via Air Express  
For further information write  
**HORMONE ASSAY LABORATORIES, Inc.**  
8169 South Spaulding Ave., Chicago 29, Ill.

CHARLES RIVER \*CD-1

(Caesarean-derived)

HIGH



**Mice**  
ALBINO  
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Hypophysectomies available  
**THE CHARLES RIVER  
MOUSE FARMS**  
1018 Beacon St., Brookline 46, Mass., RE 4-2000

STRESS

*Do You Need:*

**Analytical Grade  
Ion Exchange Resins?**

(Prepared from Dowex Resins)  
ASK FOR PRICE LIST SM

**BIO-RAD Laboratories**

32nd & GRIFFIN AVE. • RICHMOND, CALIFORNIA

BOOKS AND MAGAZINES

**Your sets and files of  
scientific journals**

are needed by our library and institutional customers. Please send us lists and description of periodical files you are willing to sell at high market prices. Write Dept. A35, CANNERS, Inc., Boston 20, Massachusetts

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READ AEROGRAPH RESEARCH NOTES

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subscription

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**NEW  
AAAS**

## SYMPOSIUM VOLUMES

**CALCIFICATION IN  
BIOLOGICAL SYSTEMS**

Edited by R. F. Sognnaes,

526 pages with 283 illustrations,  
references, and index; \$9.75

\$8.50 cash orders from AAAS members

**CONGENITAL  
HEART DISEASE**

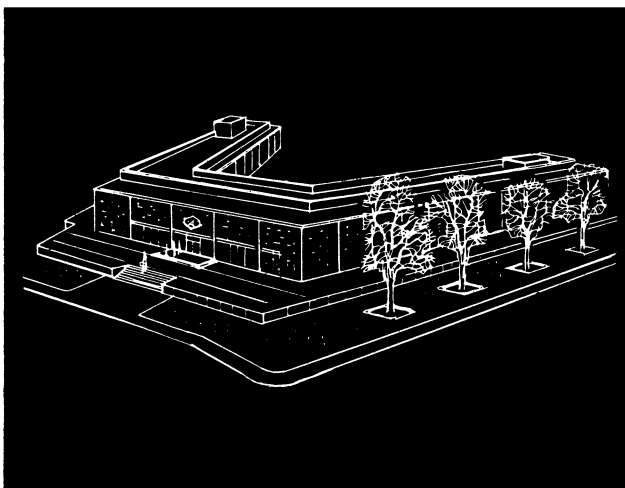
Edited by Allan D. Bass & Gordon K. Moe,  
372 pages with 147 illustrations, references,  
and index; \$7.50

\$6.50 cash orders from AAAS members

Order today from

**AAAS**

1515 Massachusetts Ave., NW  
Washington 5, D.C.



**much more  
than a new  
research  
center!**

While Miles Laboratories is justly proud of its new Research Center recently completed in Elkhart, Indiana, an extension of its present research facilities, our organization fully realizes that a creative scientific environment must be much more than a new building and modern laboratory tools.

First, there must exist a corporate philosophy that prompts bold, imaginative research and insures that the individual contributor is recognized and rewarded. Secondly, there must be the freedom that encourages frequent and continuing interdisciplinary exchange. Above all, there must be men—scientists who combine enthusiasm with true professional competence and who are interested in teaching as well as learning.

At Miles Laboratories we are certain that such a creative environment already exists. We are also equally certain that this environment will measurably assist the serious scientist in achieving his professional objectives. If you are currently seeking an affiliation that will effectively utilize your previous experience, training and skills, you are invited to investigate these immediate openings:

#### **STAFF RESEARCH IMMUNOLOGIST**

Will be responsible for staffing and leading a group of immunologists in a research program leading towards applications in the diagnosis and treatment of diseases. Must have a Ph.D. and/or M.D. degree and several years' experience.

#### **RESEARCH CHEMIST**

To carry out synthetic organic chemistry studies to provide new compounds of potential therapeutic interest. Must have Ph.D. degree and a minimum of 1-2 years' synthetic organic chemistry experience.

#### **RESEARCH PHARMACOLOGIST**

Will supervise administration of new drugs to animals for determination of acute LD 50's and to observe gross pharmacological effects. Additional responsibilities will include carrying out chronic toxicological studies on new compounds of interest. Must possess a Ph.D. degree and previous toxicological experience.

#### **ASSISTANT RESEARCH BIOCHEMIST**

Will be responsible for carrying out clinical chemical investigations in connection with laboratory evaluations of new drugs. Should possess a B.S. in chemistry or biology plus experience as a medical technologist.

*Inquiries May Be Addressed In Complete Confidence To:*

*Dr. R. A. McCracken (Personal discussions can be arranged at your convenience, including Saturdays, in Elkhart, Indiana)*

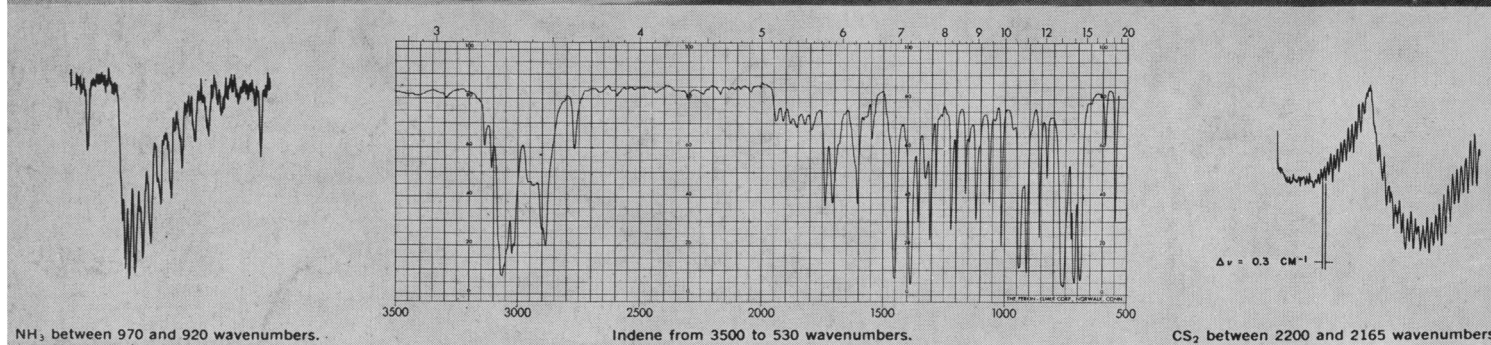
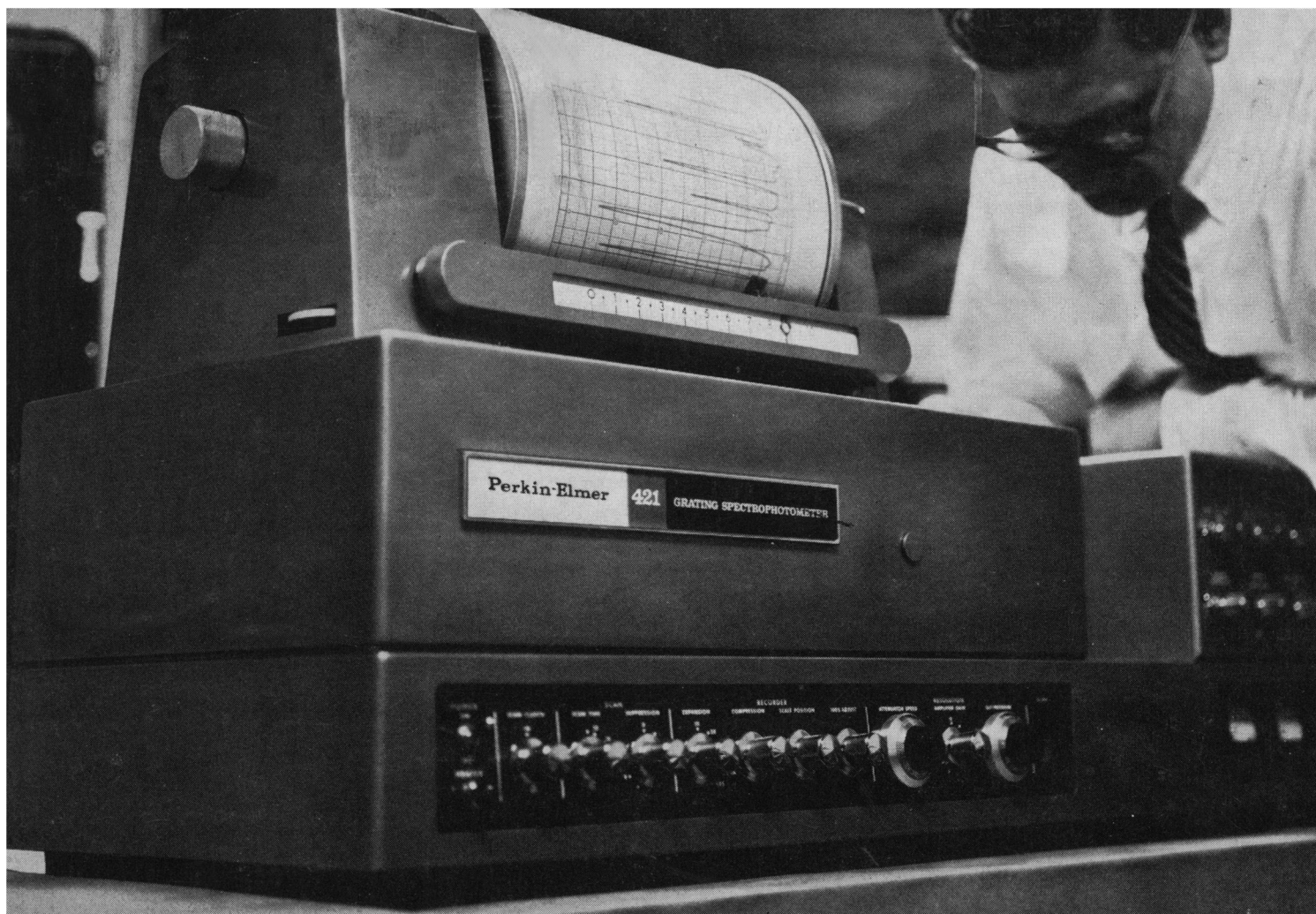
**MILES LABORATORIES, INC.  
and AMES COMPANY, INC.\***

**1127 Myrtle Street, Elkhart, Indiana**

An Equal Opportunity Employer

*\*Ames Company, Inc. is an ethical pharmaceutical division of Miles Laboratories, Inc.*

Our new Research Center is located in Elkhart, Indiana, a clean, progressive city of 40,000 people. In neighborly Elkhart, schools are among the best in the middle west and year 'round cultural and recreational activities are only minutes from your door.



## NEW MODEL 421 HIGH-RESOLUTION SPECTROPHOTOMETER OFFERS UNINTERRUPTED SCAN FROM 2.5 TO 18 MICRONS

**Highest grating resolution and greatest flexibility over an extended wavelength range—**with no gaps or overlaps—the new Perkin-Elmer Model 421's performance means these advantages:

**More accurate identifications:** significant absorption bands differing only slightly in frequency can be easily separated by the outstanding resolution of the Model 421's grating dispersion system.

**Uninterrupted scan:** automatic filter switching as scan proceeds does not interrupt spectral record: the Model 421 presents a continuous, complete grating scan.

**Extended wavelength range:** the Model 421 operates from 4000 to 550 wavenumbers—from 2.5 to more than 18 microns—routinely.

**More precise quantitative measurements:** high spectral purity afforded by the Model 421's resolution means close conformity of bands to classical absorption intensity laws.

All the instrumental operating features of other Perkin-Elmer spectrophotometers—double-beam optical null principle, speed suppression, automatic gain control, scale expansion and compression—are included in this new instrument. A full line of sampling accessories is offered. Write for complete information and sample spectra.

INSTRUMENT DIVISION

**Perkin-Elmer** Corporation  
NORWALK, CONNECTICUT

Perkin-Elmer is a registered trademark of the Perkin-Elmer Corporation.