

14-15. **Temperature Measurements Soc.**, 5th conf., Los Angeles, Calif. (R. A. Finch, Conf. and Exhibit Chairman, Atomics International, P.O. Box 309, Canoga Park, Calif. 91304)

15-17. **Instrumentation for the Iron and Steel Industry**, Natl. Instrument Soc. of America, 17th conf., Pittsburgh, Pa. (F. J. Barchfeld, Jones & Laughlin Steel Corp., 900 Agnew Rd., Pittsburgh 15230)

15-17. **New Jersey Mosquito Extermination Assoc.**, 54th annual mtg., Atlantic City, N.J. (D. M. Jobbins, Dept. of Entomology and Econ. Zoology, Rutgers—State Univ., New Brunswick, N.J.)

16-17. **Hypervelocity Techniques**, 5th symp., Denver, Colo. (A. A. Ezra, Research Inst., Univ. of Denver, Denver 80201)

16-18. **Geological Soc. of America**, Northeastern Sect., 2nd annual, Boston, Mass. (M. Prinz, Tufts Univ., Medford, Mass.)

16-18. **Texas Acad. of Science**, College Station, Tex. (W. E. Norris, Jr., Biology Dept., Southwest Tex. State Coll., San Marcos, Tex. 78666)

16-19. **International Assoc. for Dental Research**, 45th general mtg., Washington, D.C. (G. H. Rovelstadt, c/o Navy Dental School, Natl. Naval Medical Center, Bethesda, Md. 20014)

17-19. **Fourth Intern. Vacuum Congress**, Univ. of Manchester Inst. of Science and Technology, Manchester, England. (The Secretary, Joint British Committee for Vacuum Science and Technology, 47 Belgrave Sq., London, S.W.1, England)

17-21. **National Science Teachers Assoc.**, conv., Detroit, Mich. (Executive Secretary, NSTA, 1201 16th St., NW, Washington, D.C. 20036)

18-19. **Twelfth Annual Natl. Conf. on Linguistics**, New York, N.Y. (L. Pap, State Univ. College, Div. of Foreign Languages, New Paltz, N.Y.)

19-24. **Southeastern Surgical Congress**, Bal Harbour, Fla. (A. H. Letton, Executive Secretary, 340 Boulevard N.E., Atlanta, Ga. 30312)

19-26. **Canadian-American Medical and Dental Assoc.**, Vail, Colo. (T. Trapasso, Secretary, 816 Ashmun St., Sault Ste. Marie, Mich. 49783)

20. **Field-Ion Microscopy**, mtg., Cambridge, England. (Meetings Officer, Inst. of Physics and Physical Society, 47 Belgrave Sq., London S.W.1, England)

20-22. **Physical Electronics**, annual conf., Cambridge, Mass. (Research Lab. of Electronics, Massachusetts Inst. of Technology, Cambridge)

20-23. **Institute of Electrical & Electronics Engineers**, intern. conv., New York, N.Y. (A. B. Giordano, The Institute, 345 E. 47 St., New York 10017)

22-24. **American Astronautical Soc.**, Rocky Mountain Section, mtg., New Mexico State Univ., University Park, N.M. (Austin Vick, Box 996, Las Cruces, N.M. 88001)

22-24. **Astrogeology**, symp., University of Michigan, Ann Arbor, Mich. (E. W. Heinrich, Dept. of Geology and Mineralogy, Univ. of Michigan, Ann Arbor 48104)

22-24. **Modern Optics**, intern. symp., New York, N.Y. (J. Fox, Polytechnic Inst. of Brooklyn, 333 Jay St., Brooklyn, N.Y. 11201)

New from Bio-Rad!

Bio-Gel® A, spherical agarose for gel filtration

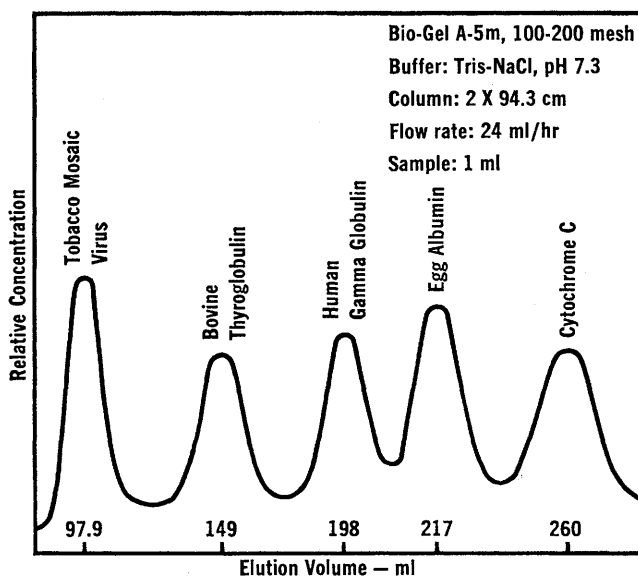
Extends the range of aqueous gel filtration to 150,000,000 molecular weight.

Bio-Gel A is agarose in spherical bead form, produced by Bio-Rad's own unique process. There are six gels in the series which give an overall operating range from 10,000 to 150,000,000 molecular weight. This range means that Bio-Gel A is applicable for use with viruses, large proteins and other macromolecules that have not been separable up to now by gel filtration techniques.

Techniques and Applications Bio-Gel A is used in columns for the separation of materials by differences in their molecular weights. It operates essentially the same as other aqueous gel filtration media, including Bio-Gel P, Bio-Rad's polyacrylamide gel series.

A typical application is illustrated in the curve below, which shows the separation of a mixture that ranges in molecular weight from Tobacco Mosaic Virus at approximately 30,000,000 down to Cytochrome C at 13,000.

Availability Bio-Gel A is supplied fully hydrated in buffer, in 500 ml and liter quantities. Each gel is available in two particle sizes: 50-100 mesh beads for maximum flow rate and 100-200 mesh beads for maximum resolution.



Full technical information and details of the reasonable pricing are given in a new bulletin, BG-5, now ready for distribution. For your free copy please fill out the coupon below and return it to Bio-Rad.

*BIO-RAD Laboratories

Dept. S-26

Bio-Rad Laboratories, 32 & Griffin Avenues, Richmond, California

Gentlemen: Please send my free copy of your new Bulletin BG-5, which describes Bio-Gel A for aqueous gel filtration of macromolecules.

NAME _____ TITLE _____

ORGANIZATION _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

NEW LABELED STEROIDS

Estrone-4-C¹⁴
Estrone-6,7-H³ Sulfate
Etiocolanolone-1,2-H³
19-Nortestosterone-4-C¹⁴ Acetate
Tetrahydroaldosterone-1,2-H³

Shipment from stock. Write for
price and specific activities.

NEN

LABELED
CHEMICALS

TEL
617 426-7311

NEW ENGLAND NUCLEAR CORP.
575 ALBANY STREET, BOSTON, MASS. 02118

AAAS Symposium Volume

MAN, CULTURE, AND ANIMALS: THE ROLE OF ANIMALS IN HUMAN ECOLOGICAL ADJUSTMENTS

Editors: Anthony Leeds and Andrew P. Vayda
304 pp., illus., bibliog., indexes, August 1965. Price:
\$8.00. AAAS members' cash orders: \$7.00.

The volume is based on a symposium held at the AAAS meeting in Denver, December 1961. It presents case studies of the relationships among human populations, the animals they use for food or food-getting, the plants significant for maintaining both animals and men, and the socio-cultural usages by which plants, animals, and men are linked in ecosystems.

Anthropologists and geographers discuss animal characteristics, populations dynamics, diets, and other ecosystem variables, including culture. The case material is used for a unique effort to rethink the logic of functional analysis in anthropology in terms of general systems approaches.

**AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE**

1515 Mass. Ave., NW, Washington, D.C. 20005

SEND...

- ☐ Please have my CORNING Scientific Instruments dealer contact me to arrange a free evaluation loan of the meter I have checked below.
- ☐ Please send literature on the meter I have checked below.
- ☐ CORNING Model 12 Research pH Meter
- ☐ CORNING Model 10 Expanded Scale pH Meter
- ☐ CORNING Model 7 General Purpose pH Meter

Name.....

Title.....

Organization.....

Department.....

Address.....

City..... State..... Zip.....

Telephone..... Extension.....

Send this coupon to Corning Glass Works, Scientific Instruments, Medfield, Massachusetts 02052.

Borrow and believe.

Borrow the stability of solid-state circuitry.

Borrow the reproducibility of taut-band suspension.

Borrow the immunity of epoxy-coated cases.

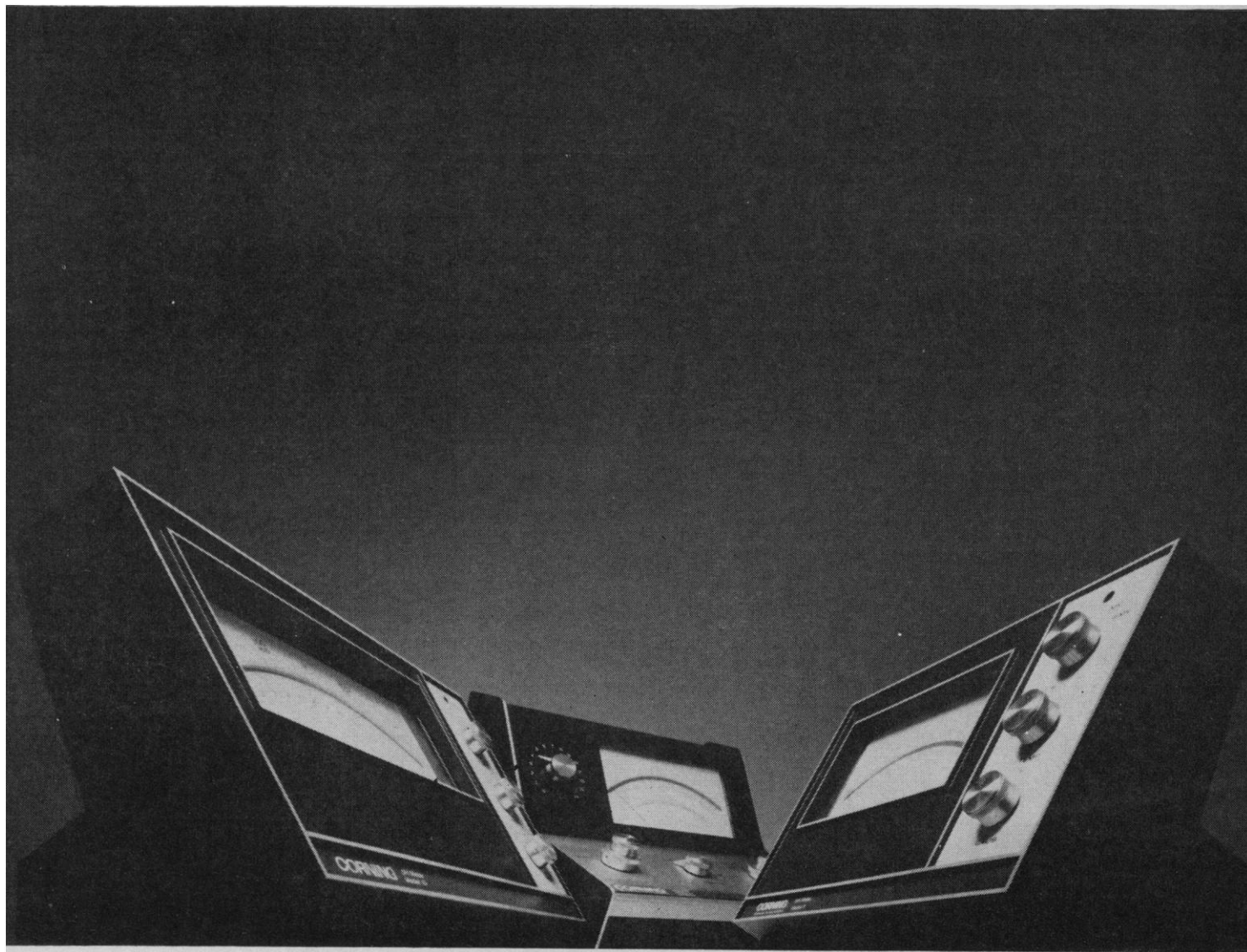
Borrow a CORNING Model 12, Model 10, or Model 7 pH Meter, and you'll never believe in any other.

That's why we lend them.

The new standards come from

CORNING
SCIENTIFIC INSTRUMENTS

AND WE'LL LEND A CORNING® pH METER.



CORNING Model 10 Expanded Scale pH Meter. Its 10-inch meter scale is the longest in the business. The extra scale divisions let you read easily to 0.01 pH on full-scale expansion of any three pH units, and to 0.05 pH on the 0-14 range. Reproducibility is better than ± 0.005 pH. \$485 with accessory kit.

CORNING Model 12 Research pH Meter. Finally, you can standardize on any one-pH-unit expanded range, then switch to and read on others without restandardizing. Reproducibility on expanded scale is better than ± 0.002 pH. Price is \$595, complete with accessory kit.

CORNING Model 7 General Purpose pH Meter. Routine work goes swifter with no risk of going wrong. Drift of less than 0.01 pH/day means you can turn out dependable readings all day long without restandardizing. Reproducibility is better than ± 0.02 pH. \$330 with accessory kit.

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. Send copy for position wanted ads to:

SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

COPY for ads must reach **SCIENCE** 2 weeks before issue date (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 only to repeat of same ad. No copy changes. Payment in advance is required except where satisfactory credit has been established. Send copy for display advertising to:

SCIENCE
Room 1740
11 West 42 St.
New York 36

Single insertion \$75.00 per inch
4 times in 1 year 70.00 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, D.C. 20005

POSITIONS WANTED

Biochemist Associate Professor desires relocation in another medical school. Background in pharmaceutical and organic chemistry and in endocrinology. Active research on a metabolic problem and on a natural product. Prepared to devote substantial time to teaching. Box 292, **SCIENCE**.

Biologist, Ph.D. Experienced; research administration, teaching. Cell physiology and biochemistry, biophysics, microbiology, genetics, botany. Wants research administration or academic appointment. Box 321, **SCIENCE**. X

Biologist; specialty microbiology, seeks academic position. Broad background, some publications. Box 322, **SCIENCE**. X

Botanist, 37, associate professor (mycology/plant pathology) in a large midwestern univ; many publications and 10 years of teaching experience and **Zoologist,** 29 (Ph.D. 1964 in entomology; several publications and teaching experience) desire research or teaching/research positions; prefer "smalltown" environment. Box 323, **SCIENCE**. X

Mycologist/Plant Pathologist, Ph.D. 1966 seeks teaching/research position. Special interest in Phycomycetes Box 324, **SCIENCE**. X

(a) **Parasitology Ph.D.; B.S. Chemistry;** ASCP; clinical laboratory, university teaching experience; prefers clinical management or academic appointment. (b) **Veterinary Medicine M.S. DVM;** Ph.D. courses; vaccine research experience; seeks commercial research position. Write Woodward Medical Personnel Bureau, 185 North Wabash, Chicago 60601.

POSITIONS WANTED

Pharmacologist, M.D., Ph.D., professor (medical school) desires relocation. Broad research experience, currently CNS and behavior. Large grant; publications. Box 327, **SCIENCE**. X

Zoologist; cellular, comparative physiology; invertebrates; 17 years of teaching, research, administration in large state universities, now prefer smaller college emphasizing excellence. East or West Coast. Box 319, **SCIENCE**.

Zoology-Physiology, Ph.D. vertebrate, endocrine, general physiology; radiobiology; university-college teaching; research; academic. Box 328, **SCIENCE**. X

POSITIONS OPEN

Applications are invited for seven newly created positions. Teaching and Research; Ph.D. required. Fields of specialization desired: **PLANT MORPHOLOGY OR ANATOMY, GENERAL ECOLOGY, MYCOLOGY OR PHYCOLOGY, PLANT PHYSIOLOGY, MICROBIOLOGY, VERTEBRATE TAXONOMY, and HUMAN PHYSIOLOGY.** Please send resume to **Chairman, Department of Biology, University of Akron, Akron, Ohio 44304.**

ASST RESEARCH SCIENTIST (CODE S-1) Research in enzyme induction and enzyme purification. Experience in physiology and/or biochemistry. M.A. plus experience or recent Ph.D. Salary open.

ASST RESEARCH SCIENTIST (CODE S-2) Masters in Biochem. Will consider Physiology or Pharmacology studies on Endocrine regulation of metabolism and hormone studies on Glucose and Fat metabolism. Salary open.

Excellent employee benefits including tuition for self and children. Convenient housing (furnished or unfurnished apts.). Apply mentioning title and code to Miss M. Kerens, Personnel Dept., N.Y.U. Medical Center, 560 First Ave., New York, N.Y. 10016.

BIOCHEMIST, POSTDOCTORAL. Study chem. modif. of enzymes and hemoglobins as function of red blood cell age. Appt't at UCLA, an equal opportunity employer; work at VA Hosp. Avail. July. Start. salary \$8160. **Dr. H. Walter, VA Hosp., Long Beach, California 90804.**

Biology Department, University of Windsor, Windsor, Ontario, requires for September next, Ph.D. physiologist (with emphasis on invertebrate and/or reproductive physiology). Should have interest in teaching introductory course. Good research and teaching opportunity, modern facilities. Salary open. Apply to Head.

BACTERIOLOGIST

Exceptional opening for individual to conduct research involving basic studies in bacterial genetics and viral replication. Experienced Ph.D. with strong background in bacterial physiology, virology and enzymology required.

CONTACT: MARTIN N. SCHULER



**MIDWEST
RESEARCH
INSTITUTE**

425 VOLKER BOULEVARD
KANSAS CITY, MISSOURI 64110

An Equal Opportunity Employer M/F

POSITIONS OPEN

UNIVERSITY OF VICTORIA VICTORIA, BRITISH COLUMBIA, CANADA

Applications are invited for posts in
(a) **ANIMAL PHYSIOLOGY** and
(b) **MYCOLOGY/PHYSIOLOGY**

SENIOR APPOINTMENT may be made to each or to either post. Current minima: Professor, \$14,000; Associate professor, \$11,000; Assistant professor, \$9,000. Teaching and research. From July 1st, 1967. Ph.D. required.

LABORATORY INSTRUCTORS (preferably with Master's degree or course work for it completed) will also be appointed.

Applications should include curriculum vitae, transcripts of academic record, publications list and names of three referees. Write to **W. Gordon Fields, Department of Biology, University of Victoria, Victoria, British Columbia, Canada.**

Graduate Assistantships in Biochemistry
St. Louis University School of Medicine
Expanded staff and facilities of the Edward A. Doisy Department of Biochemistry offer ideal opportunity for graduate training in major fields of biochemistry and molecular biology represented in research and teaching program. Apply now for academic 1966-67 to:

Dr. Robert E. Olson, Chairman
Department of Biochemistry
St. Louis Medical School
St. Louis, Missouri

ENDOCRINOLOGIST

Position requires a Ph.D. with formal training in endocrine physiology and interest in the biochemistry of endocrine functions. Duties will involve supervising a group of two to three junior scientists in designing, directing and evaluating a fundamental research effort in several aspects of the endocrine system and engaging in some product development. Liberal company benefit program. Please send resume to: **Cyrus M. Greenberg, Ph.D., Director of Scientific Employment,**

SMITH KLINE & FRENCH LABORATORIES

1526 Spring Garden Street
Philadelphia, Pa. 19101

An Equal Opportunity Employer

ENZYME CHEMIST (RESEARCH)—Ph.D. or M.D. with experience. To work in the field of tissue enzymes, as related to lipidoses. Full-time position at well-known hospital-affiliated Research Institute in New York City. **SALARY—\$12,000 per annum plus fringe benefits and increments.** Send detailed curriculum vitae and references to: **BOX 320, SCIENCE.**

Experienced Histology Technician—WANTED in University setting, salary open, excellent fringe benefits. Good skiing country. Send resume to **Personnel Dept., University of Vermont, Burlington, Vermont 05401.**

Medical Entomologist. Experienced laboratory transmission and insectary procedures for research under N.I.H. contract at University of North Dakota, Grand Forks, N.D. Box 290, **SCIENCE.**

Writer, \$7500-\$8500, Educational Materials. Researching & writing on booklets, leaflets, & instruction manuals on patient care & health education geared to general public & profess'l groups. Knowl of productn techniques, design, layouts, etc. Excellent fringe benefits. 9-5, Nat'l voluntary health org. Resume & work samples to: **Box 325, SCIENCE.**

POSITIONS OPEN

GRADUATE RESEARCH ASSISTANTSHIPS in materials science at the University of Virginia—See 2 Dec. issue, page 1265 or write to: **Chairman, Department of Materials Science, Thornton Hall, University of Virginia, Charlottesville, Va. 22903.**

PHYSIOLOGIST, BIOPHYSICIST, BIOMED. ENGINEER

Key positions are open in staffing the newly formed Kaman Work Sciences Laboratory which pursues research programs for man on earth, in the sea and in space. Write **Dr. Walter Kuehnegger, Director, Kaman Work Sciences Laboratory, 4930 Del Ray Avenue, Bethesda, Md. 20014.**

POSITION AVAILABLE:

Statistician and Biostatistician with Ph.D. to organize and head statistics program. Academic appointment. Salary \$12,000 to \$15,000 to start, increases to \$23,000. Midsouth.

Box 326, SCIENCE

PHARMACOLOGISTS

... two positions available in pharmacology. Prefer recent graduate with a B.S. in biology or zoology and a chemistry minor or a B.S. in pharmacy. Course work should include physiology and biochemistry. Positions entail evaluating clinical potential of drugs used on animals. Will be trained in animal surgery and use of electronic equipment. Salary commensurate with work experience and educational background. Benefits include health and life insurance, savings plan, educational assistance, etc.

Please include education, experience and current earnings in resume to: **ROBERT P. LIVERSIDGE, JR.**

Smith Kline & French Labs.

1500 Spring Garden Street
Philadelphia, Pa. 19101

An Equal Opportunity Employer

PREDOCTORAL AND POSTDOCTORAL TRAINEESHIPS IN NEUROPHYSIOLOGY

are available in the Department of Physiology, New York Medical College. Applications are invited from candidates who wish to enroll in the Ph.D. program leading to a degree in Physiology and from candidates who have completed or will shortly complete the requirements for either the Ph.D. or M.D. degree.

Topics: sensorimotor organization; cerebral control mechanisms; neural control of water and electrolyte metabolism; neural excitation.

Stipends: PREDOCTORAL, \$2400 (tax exempt) yearly plus allowances for experience and dependents. Tuition is paid.

POSTDOCTORAL, \$5000 (partially tax exempt) plus allowances for experience and dependents.

SPECIAL FELLOWSHIPS are also available.

Direct inquiries to: Dr. V. B. Brooks, Professor and Chairman, Department of Physiology, New York Medical College, 1 East 106 St., New York, N.Y. 10029.

PREDOCTORAL TRAINEESHIPS IN CARDIOVASCULAR AND RENAL PHYSIOLOGY

are available in the Department of Physiology, New York Medical College. Applications are invited from candidates who wish to enroll in the Ph.D. program leading to a degree in Physiology.

Topics: cardiovascular physiology, experimental hypertension, renal electrolyte excretion.

Stipend: \$2400 (tax exempt) plus allowance for experience and dependents. Tuition is paid.

Direct inquiries to: Dr. V. B. Brooks, Professor and Chairman, Department of Physiology, New York Medical College, 1 East 106 St., New York, N.Y. 10029.

NATURAL PRODUCT CHEMIST

Arthur D. Little, Inc. has an opportunity for a Ph.D. Chemist with some experience in entomology. Familiarity with instrumental techniques, such as NMR and mass spectrometry, is also desirable. Agricultural chemical background would be helpful.

Principal areas of research will be the isolation and characterization of minute quantities of naturally occurring materials from insects. Objective is identification and synthesis of insect attractants and hormones.

Must be able to carry out research projects in a supporting problem-oriented environment.

If you are interested in and qualified for the position, please reply to Dr. John L. Neumeyer, 15 Acorn Park, Cambridge, Massachusetts 02140.



Arthur D. Little, Inc.

RESEARCH • ENGINEERING • MANAGEMENT CONSULTING

An Equal Opportunity Employer

PLANT PHYSIOLOGIST Ph.D.

Creative plant physiologist with 0-5 years of productive post-doctoral research experience to develop an active program of research on the effects of atmospheric and other gases on plant growth, metabolism, maturation and related processes. Will be expected to work with a minimum of supervision as a member of a well-established team of scientists active in the field of environmental biology. A sound background in biochemistry and a strong interest in plant respiration will be helpful.

Please submit your resume and history of current earnings to Mr. D. B. Turner, Manager of Technical Employment, Department 5723.



UNION CARBIDE CORPORATION

LINDE DIVISION

61 E. Park Drive P.O. Box 44
Tonawanda, N.Y.

An equal opportunity employer M/F

NEW ZEALAND DEPARTMENT OF AGRICULTURE

Research Fellowship in Mycotoxic Disease

Applications are invited from scientists with interests in biochemistry, experimental pathology or microbiology for appointment to a Research Fellowship in Facial Eczema. Facial Eczema is a mycotoxic disease of ruminants characterized by liver injury and photosensitization. It can cause serious losses in animals and production. The toxic agent responsible is sporidesmin, a metabolite of the fungus *Pithomyces chartarum* which contaminates pastures in New Zealand under suitable weather conditions when the toxin is acquired by the grazing animal.

The appointee will work in close association with the existing groups at Ruakura Agricultural Research Centre. In relation to his interests and experience he will be free to choose an aspect for study from a broad field, e.g., dehydrated enzyme systems, detoxification mechanisms, inflammatory reactions of animal tissues, electron microscopy, sporidesmin biosynthesis by the fungus, microbial ecology of pasture plants.

Good facilities are available for biochemical or mycological techniques and for experimental pathology including tissue culture and electron microscopy. Adequate supplies of laboratory and farm animals are available.

Terms of appointment include

Period of tenure: Two to four years with right to leave or to remain subject to satisfactory performance at end. Appointee will be bonded to remain with Department for the period of Fellowship.

Salary

Up to £3,235 per annum dependent on scientific merit.

Fares

To and from New Zealand paid for appointee, wife and dependent children.

Superannuation

Right to join the Government Superannuation Fund. Arrangements made for F.S.S.U. members.

Expenses

Interview, including travel costs. Compensation for loss or sale or assistance towards cost of storage of furniture.

Housing

Available for married employees.

For further details apply to the Director, Ruakura Agricultural Research Centre, Private Bag, Hamilton, New Zealand, with whom applications will close on 31 May 1967.

POSITIONS OPEN

DEPARTMENT OF BIOLOGY ILLINOIS WESLEYAN UNIVERSITY

Assistant (\$8000-\$9000) or associate (\$8500-\$10,500) professor with concentration in Animal Physiology. Starting September, 1967 teaching and research. Ph.D. only. Apply and send pertinent information to Dr. Wayne W. Wantland, Department of Biology, Illinois Wesleyan University, Bloomington, Ill. 61701.

MICROBIOLOGIST, Ph.D.

Challenging position in applied research and development. Small thriving company specializing in an interesting and unique concept in food fermentation. Need an exceptionally bright and creative scientist who likes to personally follow out ideas. Will lead to position of Director of R. and D. for productive energetic man. Attractive salary, good company benefits.

Call 616-349-7692 Kalamazoo, Michigan

DAIRY TECHNICIS

2200 Glendening St., Kalamazoo, Mich.

PHYSIOLOGIST-Ph.D.

Graduate and undergraduate teaching. Research encouraged, minimum of 3 years experience. Rank and salary open. Send resume to Dr. Nicholas DeProspero, Seton Hall University, South Orange, N.J. 07079.

Radiology Department, Division of Radiation Biology seeks a Radiation Biologist to expand the present research program: Postdoctoral or more mature investigator capable of initiating and sustaining a research program and directing a Radiation Biology Training Program. Salary according to experience. M. Braverman, Ph.D., Division of Radiation Biology, Allegheny General Hospital, Pittsburgh, Penna. 15212.

University of Alberta GRADUATE WORK IN PHARMACOLOGY

Assistantships available for students working towards higher degree. Stipends from \$2,400-\$4,000. Further information: Dr. G. S. Marks, Department of Pharmacology, Edmonton, Alberta, Canada.

RESEARCH ASSISTANTSHIPS IN PHYSIOLOGY

Applications are invited for Research Assistantships from qualified students wishing to work towards the M.Sc. or Ph.D. degrees. Stipend range \$2,300-\$3,600 p.a. Write for further information to: Dr. D. H. Copp, Head, Department of Physiology, University of British Columbia, Vancouver 8 B.C., Canada.

SCIENTISTS

Physicists, mathematicians, chemists, research engineers, statisticians, operations research analysts, systems analysts—above all, researchers who can apply the scientific method in new contexts, no matter what their discipline—will find rewarding work at the Center for Naval Analyses of The Franklin Institute.

CNA engages in operations research and systems analysis for the U.S. Navy and Marine Corps. Good salary, fringe benefits, stimulating environment, research opportunities. See the results of your work in action . . . establish yourself in a permanent career . . . perform a vital defense function.

For an interview, send letter with resume to:

James S. Hibarger
CENTER FOR NAVAL ANALYSES
1401 Wilson Blvd., Arlington, Va. 22209
An equal opportunity employer

POSITIONS OPEN

CHIEF MICROBIOLOGY

400 Bed Expanding General Hospital Offers Excellent Opportunity For a Clinically Oriented Microbiologist. Outstanding Research Facilities and Opportunity for Research. Will Direct and Supervise Staff of Four Microbiologists in Bacteriology, Mycology and Parasitology. Ph.D. preferred with Starting Salary of \$13,500. Full Benefit Program. Send Resume to Dr. H. L. Wolin, The Brookdale Hospital Center, Brookdale Plaza, Brooklyn, N.Y. 11212.

TRAINING PROGRAM FOR STEROID BIOCHEMISTRY

Applications are being accepted for 1967-68 for advanced training in the theory and techniques of steroid biochemistry. Graduates with M.D., Ph.D. or equivalent will receive stipends of \$5000-\$6000 with \$500 dependency allowances. Trainees will be engaged in research activities while receiving formal instructions in chromatography; gas, thin-layer, paper, column; radio-active tracer techniques, spectrophotometry, I.R., U.V. and fluorescence; and methodology as applied to in vivo and in vitro metabolic studies. Address:

Steroid Training Program, Department of Biochemistry, University of Minnesota Medical School, Minneapolis, Minnesota 55455.

UNIVERSITY OF SOUTHAMPTON Department of Zoology

Applications are invited for the temporary post of Lecturer or Assistant Lecturer to be held in the Department of Zoology for a two year period. Candidates should have a special interest in ecology, and preference will be given to those working in the field of terrestrial ecology. Good computer facilities are available in the University.

Salary scales (sterling): Lecturer £1,470-£2,630 with a merit bar at £2,270. Assistant Lecturer £1,105-£1,340. The initial salary will depend on qualifications and experience. Applications (7 copies from United Kingdom applicants) should be sent to the Deputy Secretary, The University, Southampton, England, not later than 1 March, 1967.



ZOOLOGISTS, ASSISTANT CURATORS:

Openings in the Ornithology, Mammalogy, and Herpetology Departments at the New York Zoological Park (Bronx Zoo). Assistant Curators will be attached to each department to assist the Curators. Zoologists will receive an exhaustive schedule of training in animal care and management for a maximum period of three years. Successful zoologists will be appointed to our curatorial staff. Salary ranges and experience requirements for Assistant Curators parallel those of University Assistant Professors. Zoologists are comparable in salary range to University Instructorial class.

Write John McKew,

Assistant to the Director
New York Zoological Park
185th Street & Southern Blvd.,
Bronx, New York 10460.

An Equal Opportunity Employer

FOR SALE

PRIVATE LABORATORY. Situated on 50 acres of beautifully wooded land in the Lakes Region of New Hampshire there is a modern 3500 sq. ft. laboratory just perfect for mature, independent research in unusually pleasant privacy. In addition there is a 10 room contemporary designed home and garage, all in better than new condition. Natural spring water in good supply. Priced at only \$89,000. Write owner, Box 329, SCIENCE.

The Market Place

BOOKS • SERVICES • SUPPLIES • EQUIPMENT

SUPPLIES AND EQUIPMENT

• HYPOPHYSECTOMIZED RATS

Shipped to all points via Air Express
For further information write

HORMONE ASSAY LABORATORIES, Inc.
8159 South Spaulding Ave., Chicago 29, Ill.

MICROBIOLOGISTS

Charles River CD-1 mice are virus-defined, for consistency of response in potency evaluation testing. Our environments are impeccable. Facilities incomparable.

Charles River Mouse Farms, Inc.

Department S
251 Ballardvale Street
Wilmington, Mass. 01887
617 658-3333

SPECIAL LIGHT SOURCES

- Mercury Point Sources
- Raymaster Blacklight (long and short wave ultraviolet)
- Sodium Vapor
- Mercury Vapor
- Zirconium, Xenon, Deuterium and Hydrogen Arc Lamps
- Imported Spectral Lamps
- Photochemical or High Intensity "Uviars"
- Auxiliary Operating Equipment for above

WRITE FOR FREE CATALOG OR CONTACT
YOUR LABORATORY SUPPLY DEALER



GATES
GEORGE W. GATES & CO.
LUCILLE AVE. FRANKLIN SQUARE, L.I., N.Y.

BOOKS AND MAGAZINES

AUTHORS WANTED BY NEW YORK PUBLISHER

Your book can be published, promoted, distributed by a reliable company on a subsidized basis. Fiction, non-fiction, poetry, scholarly, scientific and even controversial manuscripts welcomed. For Free Booklet write Vantage Press, Dept. SC, 120 W. 31 St., New York 10001.

PROFESSIONAL SERVICES

HISTOLOGY SERVICE

RAPID SERVICE Large Orders Quickly Processed! Quickly Shipped! Professional supervision of every order. Free estimates on special problems. Distant points serviced swiftly. Special stains and techniques available. Fully protected shipments. HISTOLOGY SERVICE, INC. 4801 N. Broad St., Philadelphia, Pa. Zipcode 19141. (215) DAVenport 4-5800



Everybody cottons to the new Kimble disposable pipet

Quick as a bunny, these new Kimble disposable pipets have caught on with laboratory technicians. With all the extra features and practical value we've built into them, you'll wonder how they can sell for less than a dime.


Kimble Disposable Serological Pipets are made of fine borosilicate glass: designed with precise, legible graduations. Available in two sizes: 1 ml in 1/10 printed in black, and 1 ml in 1/100 printed in blue for easy size identification. Two styles: sterile, clean and cotton plugged for bio-

logical applications; regular, clean for general use.

Other unique Kimble features include short form design for easier handling . . . controlled tips for consistent delivery with $\pm 2\%$ accuracy. And for extra economy and convenience, sterile pipets are packed 10 to a sealed plastic bag, regulars 25 to a bag. Ideal for benchwork handling.

Write today for literature and complimentary sample to Owens-Illinois, Marketing Services Department, Toledo, Ohio 43601.

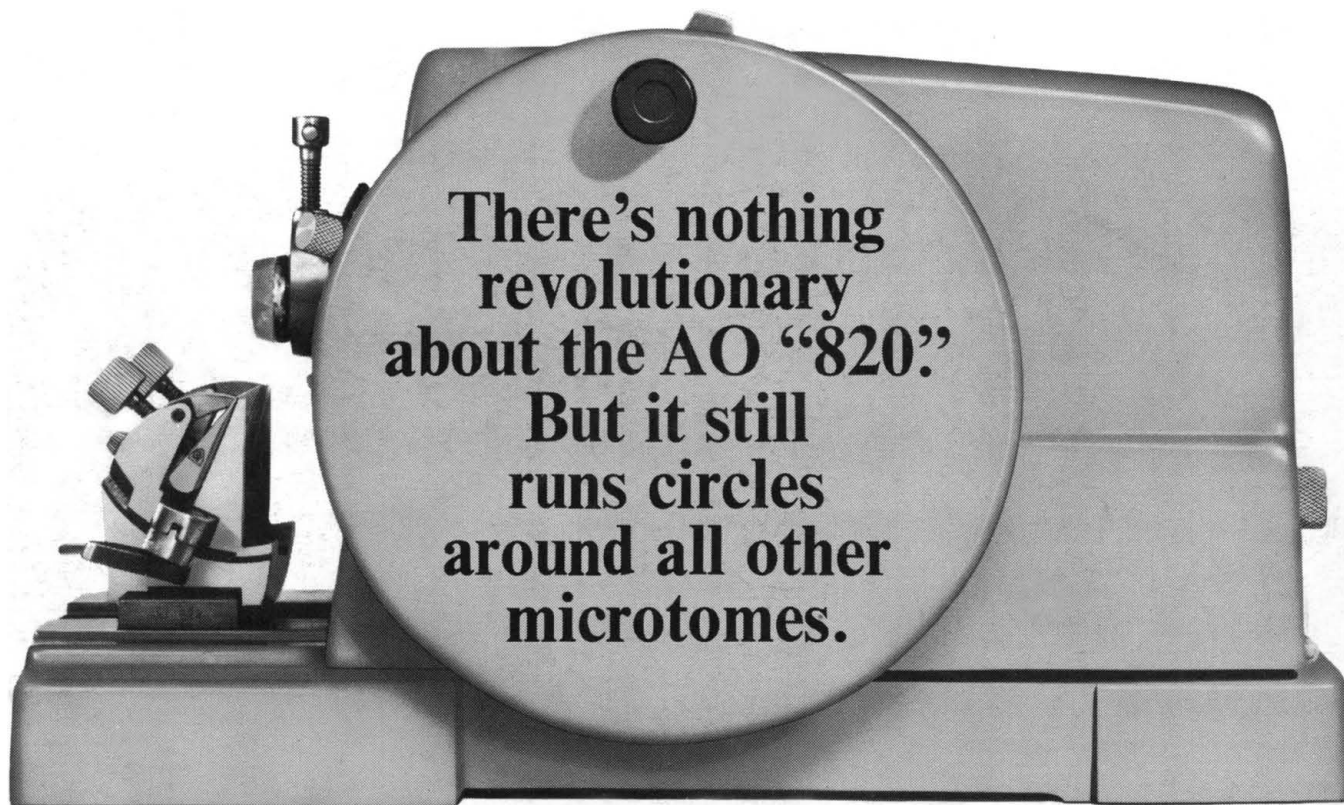
OWENS-ILLINOIS

maker of Kimble Products
Toledo, Ohio 43601 

ANOTHER
KIMBLE



PRODUCT



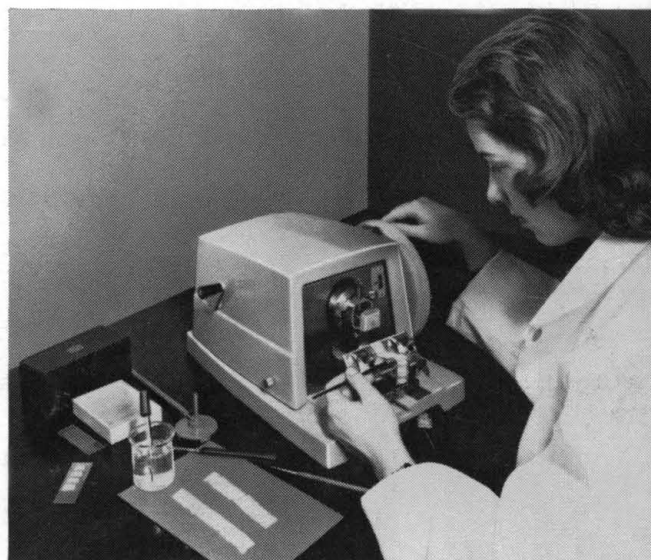
We've made a few improvements in the styling of the American Optical "820" Rotary Microtome, but fundamentally it's the good old "820" users have learned to depend on for many years. That's why it's still the best.

For your convenience, we've moved the feed indicator up front and added a wheel-locking device for greater safety. The cover is now sturdy, light-weight aluminum, and it's hinged so you can clean and lubricate the inside with ease. These refinements plus closer-than-ever assembly tolerances, make the "820" Microtome even better.

The operating principle and feed mechanism of the "820" remain unchanged. Precision mechanism smoothly feeds the specimen to a keen, rigidly mounted blade for sectioning from 50 microns down to one micron.

If you are one of the few not presently using an AO "820" Microtome, isn't it about time you took advantage of this remarkable tissue-sectioning

performance? Send for our "820" brochure, or see your AO Sales Representative about the best all-around microtome made.



AMERICAN OPTICAL COMPANY
INSTRUMENT DIVISION • BUFFALO, NEW YORK 14215