of Sciences, New York, 1969. Illus. Paper, \$14.50. Annals of the New York Academy of Sciences, vol. 168, art. 1, pp. 1-207.

The Schizophrenic Reactions. A Critique of the Concept, Hospital Treatment, and Current Research. Proceedings of the Menninger Foundation Conference on the Schizophrenic Syndrome, Topeka, Kansas, April 1969. Robert Cancro, Ed. Brunner/Mazel, New York, 1970. x + 294 pp. \$10.

The Shadow of the Telescope. A Biography of John Herschel. Günther Buttmann. Translated from the German edition (Stuttgart, 1965 by B. E. J. Pagel. David S. Evans, Ed. Scribner, New York, 1970. xvi + 224 pp., illus. \$7.95.

Since Silent Spring. Frank Graham, Jr. Houghton Mifflin, Boston, 1970. xvi + 334 pp. \$6.95.

Social Work Practice, 1969. Selected Papers from the 96th Annual Forum, National Conference on Social Welfare, New York, May 1969. Published for the National Conference on Social Welfare by Columbia University Press, New York, 1969. xx + 220 pp. \$7.50.

Spanish Phonology. James W. Harris. M.I.T. Press, Cambridge, Mass., 1969. xvi + 224 pp. \$10. Research Monograph No. 54

Steroid Biochemistry. Erich Heftmann. Academic Press, New York, 1970. xiv + 226 pp., illus. \$9.50.

Studies in the Methodology and Foundations of Science. Selected Papers from 1951 to 1969. Patrick Suppes. Reidel, Dordrecht, Holland; Humanities Press, New York, 1969. xii + 476 pp., illus. \$21.

A Systematic Study of Perideridia (Umbelliferae-Apioideae). Tsan-Iang Chuang and Lincoln Constance. University of California Press, Berkeley, 1969. vi + 76 pp., illus. Paper, \$2.50. University of California Publications in Botany, vol. 55.

Techniques in Protein Biosynthesis. P. N. Campbell and J. R. Sargent. Vol. 2. Academic Press, New York, 1969. xiv + 274 pp., illus. \$12.

Third European Conference on Controlled Fusion and Plasma Physics and the Symposium on Beam-Plasma Interactions. Utrecht, Netherlands, June 1969. Wolters-Noordhoff, Groningen, Netherlands, 1969. x + 136 pp., illus. Paper, \$5.25.

Transistor Philosophy. John Buchanan. Dorrance, Philadelphia, 1969. xxii + 150 pp., illus. \$3.95.

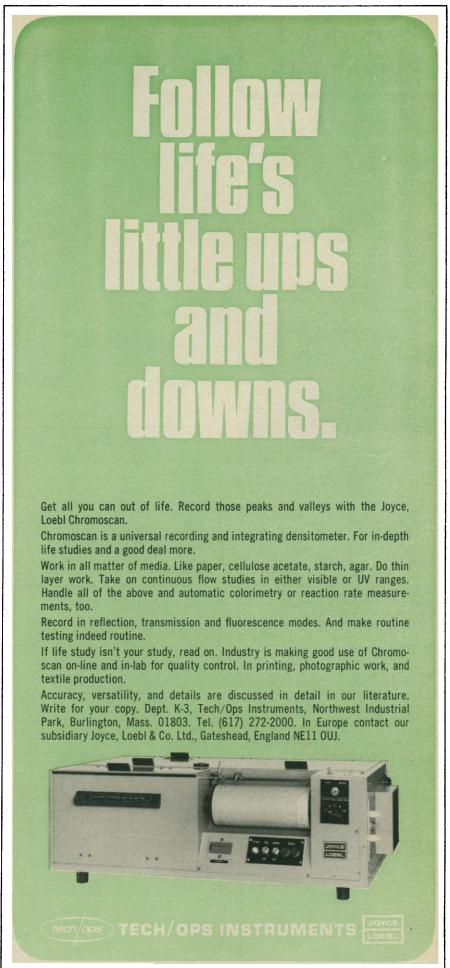
Understanding Elementary Calculus. Principles, Problems, and Solutions. Charles Godino. Benjamin, New York, 1969. xii + 340 pp., illus. Paper, \$4.95.

Virology Monographs. Vol. 7. Polyoma Virus. Bernice E. Eddy. Rubella Virus. E. Norrby. Springer-Verlag, New York, 1969. iv + 174 pp., illus. \$17.60.

A Visual Approach to Histology. Beth L. Wismar and G. Adolph Ackerman. Davis, Philadelphia, 1970. x + 74 pp. + 240 35-mm colored slides. Loose-leaf, \$140.

Where Animals Live. R. A. Marchant. Illustrated by Jo McManus. Macmillan, New York, 1970. vi + 170 pp. \$4.95.

Who Shall Live? Man's Control over Birth and Death. A Report Prepared for the American Friends Service Committee. Hill and Wang, New York, 1970. xvi + 144 pp. Cloth, \$3.95; paper, \$1.75.



Personnel Placement

POSITIONS 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: \$21 per quarter inch (minimum \$84) for publishers 6 point type (12 lines per inch). All ads using larger than 6 point type will be billed as display ads at \$25 per quarter inch (minimum \$100). 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 of 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 adver-tising to:

SCIENCE, Room 211 1515 Massachusetts Ave., NW Washington, D.C. 20005

to blind ads should be addressed Replies to b

Box (give number) SCIENCE 1515 Massachusetts Ave., NW Washington, D.C. 20005

POSITIONS WANTED

Bacteriologist-Developmental Biologist, Ph.D. Postdoctoral experience; seeks teaching, teaching-research position; background: bacterial physiology, toxicology, developmental biology, statistic and computer programming; teaching experience; available fall 1970. Box 292, SCIENCE. X

Biochemist, Ph.D. Publications in control of microbial enzyme synthesis, pathogenesis of fever. Interested in academic, industrial, or postdoctoral positions. Box 293, SCIENCE.

Biochemist, Ph.D. Undergraduate chemistry teaching experience. Research experience in purine, nucleic acid, carboxypeptidase, and cancer biochemistry. Publications. Desires teaching-research position. Box 294, SCIENCE.

Regulatory Biology-Genetics, Ph.D., age 37, professor; experience: enzymology, organelles, subcellular ecology. Must relocate in cool climate, prefers New England. Well-established research program, grants, publications. Desires academic research position. Box 295, SCIENCE.

Physiologist/Biochemist. Ph.D. 1969. Postdoctoral experience. Broad background in endocrinology, biochemistry, behavior, statistics, and extensive research methodology. Seeks challenging industrial or academic position. Available September. Box 296, SCIENCE.

Physiologist-Biophysicist. Ph.D. 1968, Teaching and 2 years of postdoctoral experience. Research in Electrophysiology/Nerves/membranes. Desires teaching-research position. Box 297, SCIENCE, X

Virologist. Ph.D. 1967. NIH postdoctoral research fellow. Experience in animal and bacterial virology at molecular biology level. Three publications. Seeks research position at any institution, but prefers university or research institute. Desires Michigan-Illinois-Ohio area. Available November or December 1970. Box 298, SCIENCE.

POSITIONS OPEN

BIOCHEMICAL PHARMACOLOGIST OR BIOCHEMIST

(up to 3 years' postdoctorate experience) to assist in the preclinical pharmacological evaluation of Cancer Chemotherapeutic agents. Biochemical and metabolic studies and collaboration in toxicological investigations

BOX 299, SCIENCE

POSITIONS OPEN

CANCER RESEARCH CENTER

Postdoctoral positions (2) available immediately. One is in the area of enzymology; the other is in the area of analytical biochemistry with emphasis on chromatographic techniques. Send complete résumé to: Personnel Director, Cancer Research Center, Business Loop 70 and Garth, Columbia, Missouri 65201.

TERRESTRIAL ECOLOGIST

Faculty position involving undergraduate and graduate teaching and research in the realm of terrestrial ecology. Applicant must have the ability to communicate with students from all faculties who are concerned with the role of ecology in society; with specific reference to central Canada. Initial appointment will be made at the Associate Professor level (1970–71 minimum of \$14,400) for an applicant with a record of at least 5 years of appropriate experience beyond the doctorate. Curriculum vitae and the names of three referees should be sent to:

H. B. N. Hynes, Chairman, Department of Biology, University of Waterloo, Waterloo, Ontario, Canada.

IMMUNOCHEMIST

IMMUNOCHEMIST

Recent Ph.D. or Postdoctoral. Young aggressive, fast growing biological company desires someone to work on research program involving preparation, purification and assay of Fab fragments. Individual should have strong background in immunochemistry and associated techniques and proceedings. Excellent opportunity for growth with company. Send curriculum vitae and other relevant information to Dr. Sanford Shapero, 15960 N.W. 15th Avenue, North Miami, Florida 33169. 305-625-5303.

Ph.D.'s

-	Pharmacology CNS, Cardiovascular
ı	experience\$H
ı	Virology/Microbiology, manufacturer of
1	vaccines\$HI
ı	Pharmacology, Animal Research
ı	Send Résumé, or call in confidence



Executive Recruiting Consultants

576 Fifth Ave., New York City, (212) 736-9757

TOXICOLOGIST

PHARMACOLOGIST

M.S. or Ph.D.

A challenging non-laboratory position is immediately available in review and evaluation of pharma-cological and toxicological studies on drugs, medical devices, cos-metics and household substances. Ph.D. preferred, or M.S. with experience in above.

Our modern laboratories are located in desirable Montgomery County, Md. close to Washington, D.C. We are a consumer products oriented company not dependent upon government contracts.

Send resume (transcripts & list of publications desirable) to Personnel Dept.

THE GILLETTE COMPANY RESEARCH INSTITUTE

1413 Research Boulevard Rockville, Md. 20850 (301) 424-2000

An equal opportunity employer

POSITIONS OPEN

PLANT BIOLOGIST

Challenging position, with opportunity to designate key assistants, available for a senior person with Ph.D. in a botanical science, preferably plant physiology, to conduct and supervise interdisciplinary research in agricultural biology and environmental biology. Strong experience in either area required; administrative experience and promotional ability highly desirable. Position is located in our new modern facility at Irvine, adiacent to Newport Beach, Calif. Please submit résumé to:

Mr. H. E. Snaider

Mr. H. E. Snaider

STANFORD RESEARCH INSTITUTE

333 Ravensw'd. Ave. Menlo Park, Ca. 94025 an equal opportunity employer

VETERINARY PATHOLOGIST

Faculty position: Teaching and Service Responsibilities. Board certification or equivalent. Rank and salary negotiable. Inquire to: Dr. John McGrath, Laboratory of Pathology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, 19104.

GRADUATE STUDY



POSTDOCTORAL FELLOWSHIPS August 1970

Research involves the study of the photochemistry of molecules of biological interest by means of magnetic resonance.

Professors R. M. Epand and M. Cocivera, Department of Chemistry University of Guelph Guelph, Ontario, Canada

The Market Place

advanced analytical services in protein characterization



- amino acid analysis
 - analytical

ultracentrifugation

Ask for full information **Worthington Biochemical Corporation** Freehold, New Jersey 07728 Phone (201) 462-3838

AGE DETERMINATION Dating by

¹⁴C, ⁴⁰K/⁴⁰Ar, ⁸⁷Rb/⁸⁷Sr,

U/Pb and other methods.

ISOTOPES



A TELEDYNE COMPANY 50 VAN BUREN AVENUE WESTWOOD, N.J. 07675 (201) 664-7070

Concentrate... separate without heat

Suspensions as well as solutions.

American-Standard reverse osmosis systems are proven in extended large-scale operations at pressures to 2000 psi.

If you are processing chemicals, producing enzymes, concentrating juices, coffee, tea or dairy whey, managing specialty water systems, recovering electroplating salts, softening or desalting water, or coping with water pollution, consider the following exclusive advantages of the American-Standard reverse osmosis system:

- Only the American-Standard system can concentrate, separate, purify, or fractionate such a wide range of solutions at ambient or below ambient temperatures with no thermal degradation.
- Only the American-Standard system has a pressure capability of up to 2,000 psi, permitting separation of difficult solutions inseparable in other systems.

- Only the American-Standard system has field-replaceable membranes. As the applications change, or the membranes wear out, they can be quickly changed by your own people. You can also incorporate newly developed membranes later without additional capital investment.
- Only the American-Standard system has turbulence promoters within large diameter tubing. Result: the system can handle fluid flow at low rates while maintaining high flux and rejections . . . and process fluids with a high percentage of solids.

The Basic Engineering Unit

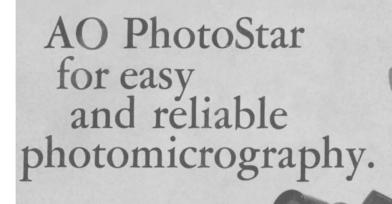
To conduct your own evaluations, American-Standard offers a Basic Engineering Unit for your lab with capacities of 50 to 2500 gpd designed to obtain precise engineering data for accurate evaluation of your product. American-Standard Customer Applications Laboratory project engineers will consult with you and confirm your studies. For literature and/or technical consultation, in strict confidence, write or call today.



CONSEPS DEPARTMENT

Box 5000 • Hightstown, New Jersey 08520 (609) 488-9500

Circle No. 17 on Readers' Service Card



Got the picture?

You need three things to take precise, detailed, quality photomicrographs. We have two of them. Start with a serious microscope like the AO Microstar Series 10 or 20, then add the easy-toattach AO PhotoStar semi-automatic exposure meter. It's specifically designed to work with the Microstar and offers a meter/shutter combination which eliminates the uncertainty of exposure determination, trial exposures. The PhotoStar gives direct exposure readouts with a variety of camera backs over a wide range of film (ASA10 to 6400) and light intensities. Exposure determinations from 1/125 sec. to one hour can be obtained for one small spot of the specimen or the entire frame. The complete PhotoStar system includes lens, shutter, photocell assembly, plus exposure meter. Attached to your AO Microstar Series 10 or 20, you have two requirements for quality photomicrographs. You supply the third—yourself.

Ask your AO Representative for a PhotoStar demonstration or write for brochure SB1066.



SCIENTIFIC INSTRUMENT DIVISION . BUFFALO, N.Y. 14215



Circle No. 8 on Readers' Service