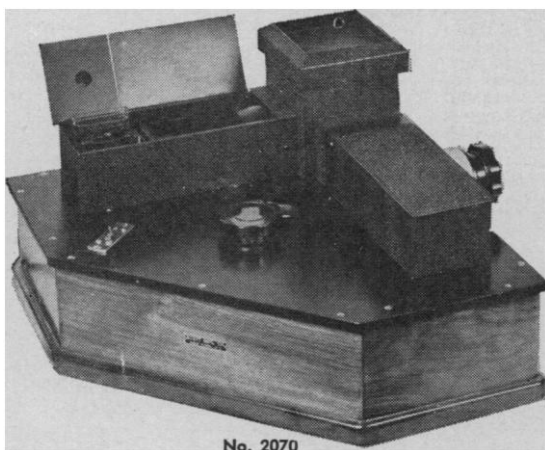


THE KLETT FLUORIMETER



No. 2070

Designed for the rapid and accurate determination of thiamin, riboflavin, and other substances which fluoresce in solution. The sensitivity and stability are such that it has been found particularly useful in determining very small amounts of these substances.

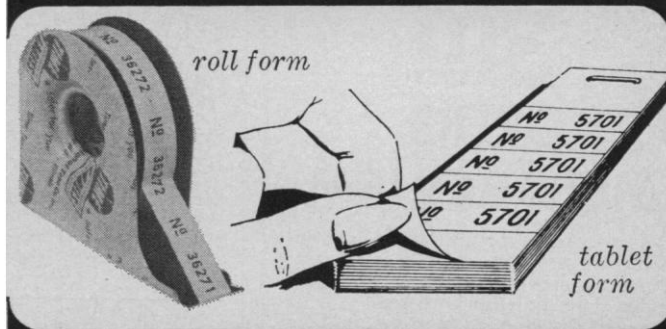
KLETT SCIENTIFIC PRODUCTS

PHOTOELECTRIC COLORIMETERS • BIO-COLORIMETERS
GLASS ABSORPTION CELLS • COLORIMETER NEPHELOMETERS • KLETT REAGENTS • COLONY MARKER AND TALLY

Klett Manufacturing Co., Inc.
179 EAST 87TH STREET, NEW YORK, N. Y.

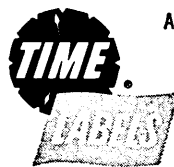
Circle No. 101 on Readers' Service Card

TIME CONSECUTIVE NUMBER LABELS



self-sticking numbers for use on test tubes, requisition forms, specimen containers.

Available in roll or tablet form, Time Consecutive Number Labels stick to any surface in temperatures ranging from -70°F to $+250^{\circ}\text{F}$. Numbers can be repeated from 1 to 8 times in roll form, up to 10 times in tablet form. Supplied with standard "No." prefix or your choice of 5 special prefixes. Write for free literature and order instructions.



All Time Tape products are Bacteriostatic for your Safety

AVAILABLE THROUGH LABORATORY
AND HOSPITAL DEALERS

PROFESSIONAL TAPE CO., INC.
365 EAST BURLINGTON ROAD
RIVERSIDE, ILLINOIS 60546

Circle No. 103 on Readers' Service Card

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: \$7 per column line, if publisher's type is used (12 lines = 1 inch). Minimum ad is 12 lines or \$84. All ads using larger than 6 point type will be billed as display ads at \$100 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

Creative Opportunity sought by chemist experienced in teaching and industrial research; Ph.D., 28, publications. Desires to combine strong technical background with communications and administrative skills. Box 406, *SCIENCE*. X

POSITIONS WANTED

Cell Biologist—Electron Microscopist, Ph.D., age 38. Research interest experimental pathology. Seeks teaching-research position, university-government. Experienced teacher/administrator. Publications. Box 435, *SCIENCE*. 12/26

Biophysical Chemist—Immunologist, Ph.D. Post-doctoral experience. Interest: Molecular basis of cell mediated immune reactions. Desires stimulating association with multidisciplinary research institute or department engaged in graduate education. Box 455, *SCIENCE*. X

Microbiologist-Biochemist, Ph.D. Experienced in biochemical mechanisms of action of microbial fermentation products/toxicants on metabolic and biosynthetic processes. Extensive background in radionuclide tracer techniques, natural product isolation, and identification of microbial metabolites. Publications. Desires research/teaching position. Box 456, *SCIENCE*. X

POSITIONS OPEN

CARDIOVASCULAR PHARMACOLOGIST or PHYSIOLOGIST

Please send résumé in full confidence to Personnel Manager

CARTER-WALLACE, Inc.

Cranbury, New Jersey

An equal opportunity employer

POSITIONS WANTED

Biochemist, Ph.D. (1965). Experience in drug metabolism, biosynthesis and nucleic acids. Seeks position in research, product development, or teaching on West Coast. Box 454, *SCIENCE*. X

Nutritional Biochemist, Ph.D. Ten years of industrial research experience desires academic position teaching nutrition, biochemistry, or biology with opportunity for research. Box 457, *SCIENCE*. X

Physicist, 37, Ph.D., publications, seeks academic position for Fall 1970. Box 458, *SCIENCE*. X

Radiation Physicist. Experience in reactor radiation safety, medical x-ray radiation safety, state radiation regulation. M.S. radiological health, B.S. mathematics. Box 459, *SCIENCE*.

Zoologist, Ph.D., 29; comparative anatomy—embryology, histology; publications; 2½ years of research experience—nervous system, autoradiography; available for teaching/research position Fall 1970. Box 460, *SCIENCE*. X

POSITIONS OPEN

We have an immediate opening for an experienced scientist to assume leadership of a program in applied and fundamental cardiovascular pharmacology.

We also have an opening for a recent Ph.D. to participate in an excellent, on-going anti-inflammatory research program.

Salaries will be commensurate with qualifications. We are located in the lovely Princeton, N.J., area.

POSITIONS OPEN

3M COMPANY DRUG METABOLISM

3M's growing effort in the field of biochemical research and agricultural chemicals has created a new opportunity. The individual we seek will be involved with the study of metabolism of drugs and agricultural chemicals. This position is located in St. Paul, Minnesota, within our well-equipped chemical and biological laboratories. We are looking for a Ph.D. biochemist or pharmacologist with up to 5 years' related experience.

Salary commensurate with experience. Outstanding employee benefits.

For confidential consideration, send your résumé (including salary information) to:

Jerry A. Buegler
Employment Department
3M Company—3M Center
St. Paul, Minnesota 55101
—An Equal Opportunity Employer—

BIOCHEMIST

Doctorate or equivalent with 0-3 years' experience, interested in developing new clinical techniques and approaches with insolubilized biologically active antigens, antibodies and enzymes. Candidate should have familiarity with clinical enzymology and/or serology, and radioimmunoassay techniques. However, this experience is not absolutely required. Salary commensurate with experience.

BIOCHEMIST

B.S. or M.S. with some experience in the areas of enzymology, clinical chemistry, or immunology. This individual will work directly with senior personnel on the development of new enzymological and immunological technology to the areas of industry and medicine. Salary commensurate with education and experience. Send inquiries to:

J. H. Davis
Recruiting Coordinator
Corning Glass Works
Sullivan Park
Corning, New York

—Corning is an Equal Opportunity Employer—

FACULTY POSITION

Applications are solicited for a post of assistant or associate professor of biochemistry in the chemistry department at a medium-sized state university on the East Coast. Minimum requirement is 2-year full-time postdoctoral work on EPR, NMR, or fluorescence spectroscopy of biochemical systems. Appointment begins September 1970. Write to **Box 462, SCIENCE**.

Opening for Director of Clinical Laboratories with medical and research oriented company, located in University City Science Center, Philadelphia. Prefer Ph.D. but will consider Masters. Supervisory experience and knowledge of automation and computerization of laboratory techniques helpful, but not necessary. Depending on ability and desires, a position on university faculty may be obtained. Excellent opportunity for independent research in any field of chemistry or biochemistry, if desired. Excellent fringe benefits. Equity in company offered. Salary commensurate with experience, but better than that of similar positions in institutions and hospitals. Send résumé to **Box 463, SCIENCE**.

POSITIONS OPEN

Physical Scientist, M.S. or Ph.D., to teach for seven weeks in a field-oriented summer science program in Environmental and Quantitative Biology for 25 high school students: 21 June-8 August 1970. Preferred areas of interest—geology, meteorology, hydrology. Contact, **Dr. Robert H. Cullio, Director of the Summer Science Program, Nasson College, Springvale, Maine 04083**.

PROTEIN CHEMIST

Recent Ph.D. or experienced M.S. For full-time research on relation between protein structure and reactivity of functional groups.

Box 461, SCIENCE

GRADUATE STUDY

University of Colorado
and
Environmental Science Services Administration

The Cooperative Institute for Research in Environmental Sciences (CIRES) on the University of Colorado campus is intended to promote research and teaching in solid earth geophysics, oceanography, radio propagation, the physics of the upper and lower atmospheres, and solar terrestrial relationships, and to serve as a center for multidisciplinary collaboration of research workers from Boulder and the entire world.

The permanent Fellows of CIRES are J. C. Harrison (director), G. C. Reid, J. R. Wait, and J. W. Warwick.

A Visiting Fellowship program provides funds to enable scientists working in these fields to spend a period of time, normally a year, with CIRES. Applications for Visiting Fellowships for the academic year 1970-1971 are due before 31 March 1970. Further information may be obtained from the Cooperative Institute for Research in Environmental Sciences, University of Colorado, Boulder, Colorado, 80302, USA.

GRADUATE STUDY IN PHARMACOLOGY. A program leading to the Ph.D. degree involving course work and research training which stresses research on fundamental mechanisms of drug action on neural, neuro-humoral, membrane transport, and endocrine systems using electrophysiological, biochemical and computer techniques. Full stipend and tuition available to qualified U.S. citizens. *Early application for September 1970 strongly advised.* Department of Pharmacology, Schools of Medicine and Dentistry, State University of New York at Buffalo, 122 Capen Hall, Buffalo, N.Y. 14214.

GRADUATE ASSISTANTSHIPS IN BIOCHEMISTRY

New programs in a rapidly expanding department leading to the M.S. or Ph.D. degree. Research opportunities include biochemical aspects of reproductive endocrinology, clinical biochemistry of learning and behavioral mechanisms, oxidative and photosynthetic phosphorylation, biochemical pharmacology and toxicology, biochemistry of marine organisms, physical properties of biological macromolecules. Write: **A. R. Krall, Department of Chemistry, Medical University of South Carolina, Charleston, South Carolina 29401**.

PREDOCTORAL TRAINEESHIPS IN MICROBIOLOGY AND IMMUNOLOGY

For chemistry and biology majors to do graduate work leading to the Ph.D. Prerequisites: Recent Bachelor's degree in biology or chemistry with "B" average. Ample stipends and free tuition. Training and research in immunochemistry, immunogenetics, molecular and cell biology, virology, mycology and bacteriology. Write for details to: **Dr. Sheldon Dray, Department of Microbiology, University of Illinois at the Medical Center, P.O. Box 6998, Chicago, Ill. 60680**.

PREDOCTORAL ASSISTANTSHIPS

Excellent opportunities for graduate students to pursue a Ph.D. in Life Sciences, in most areas of Biology with special emphasis in fields related to Ecology, Microbiology and Physiology. Stipends are available up to \$3500 for 9 months. With up to \$800, in addition, for the summer. For details, write to: **Chairman, Life Sciences Dept., Indiana State University, Terre Haute, Indiana 47809**.

GRADUATE STUDY

Applications for the **Steroid Training Program** in Biochemistry at the **Worcester Foundation for Experimental Biology, Inc., Shrewsbury, Mass.**, should be in before the 1 April 1970 deadline. Appointments will be made after 1 February 1970. Application forms available from Dr. F. G. Péron, Director, Steroid Training Program at the Worcester Foundation. The Program is sponsored by the National Institute of Arthritis and Metabolic Diseases. Stipends vary according to recipient's degree and post-doctoral experience. Dependency allowances are provided. Basic stipend with no relevant post-doctoral experience, \$6000.

TRAINEESHIP IN DIABETES

Two N.I.H. traineeships available in experimental and clinical research in diabetes mellitus at New York Medical College starting 1 July 1970. U.S. citizen or immigration visa. Stipend: Up to \$11,000. Send curriculum vitae to **R. A. Camerini, M.D., 1249 Fifth Ave., New York 10029**.

WORKSHOP

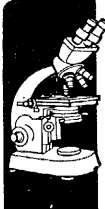
THIRD WORKSHOP ON THE TEACHING OF SCIENTIFIC WRITING

The third workshop on the teaching of scientific writing to university graduate students, organized by the Council of Biology Editors, will be held at The Rockefeller University, New York, 26-30 July 1970. Applicants (scientists) must have the firm intention to teach a course on scientific writing at their institution and must provide evidence of administrative support of this intention. Participation is limited to 20 persons; living expenses, but not travel, will be defrayed. Details and application form (to be submitted by 31 March 1970) from


Dr. F. Peter Woodford
The Rockefeller University
New York 10021

The Market Place

BOOKS • SERVICES • SUPPLIES • EQUIPMENT



Histology Service, Inc.
Servicing Pharmaceutical Industry.
Toxicologists and Research Products.
Emergency Service for peak load periods.
Serial Sections—Special stains.
Full Range of Histology Studies and Chemical Analyses.
HISTOLOGY SERVICE, Inc.
6190 Rising Sun Avenue
Phila., Pa. 19111 (215) RA 5-5103




LaMotte Chemical
Chestertown, Maryland 21620
Manufacturers of Chemical Testing Equipment and Science Demonstration Units.
Write Educational Products Div. for free catalog

Now

RADIO-AUTOGRAPHY

made fast and easy with self-contained, table-top exposure chamber.

For information on the Joffe Fluid Emulsion System, write to:
Laboratory Products Division
ISOTOPES, 50 Van Buren Avenue
Westwood, New Jersey 07675



ISOTOPES
ATELEVINE COMPANY