

# NO

## lost experiments

with

### MICROSCOPIC SLIDE LABELING



ONE AT A TIME

Eliminate guesswork . . . greasemark mistakes. Get positive identification. Simply pull tab and a fresh, clean label "pops" out. Fast, self-sticking labels dispensed one at a time. Available in standard or "tissue-high" thickness. They accept pen, pencil, ball point pen or typewriter marking. 1000 labels per carton.

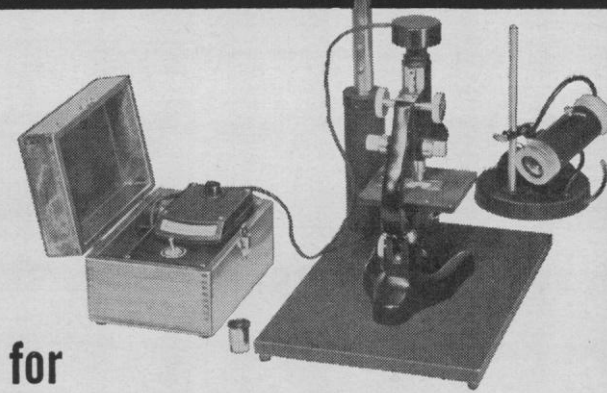


Write for detailed information and the name of your nearest TIME distributor.

**PROFESSIONAL TAPE CO., INC.**  
360 Burlington Ave. • Riverside, Ill.

## PHOTOVOLT EXPOSURE PHOTOMETER

Mod. 200-M



### for PHOTOMICROGRAPHY

Accurate determination of exposure time in black-and-white and color photomicrography

Write for Bulletin #810 to **Price \$125.00**

**PHOTOVOLT CORP.**  
1115 Broadway New York 10, N. Y.

## 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 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 **\$40.00 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.

### POSITIONS WANTED

**Editor**, formerly with Forest Service, seeks freelance assignments by mail. Wendell Smith, Rock Harbor, Orleans, Mass. 10/20

**Microbial Geneticist**, Ph.D. Phage transduction, transformation, animal viruses, tissue culture, molecular biology. Teaching and research. Box 201, **SCIENCE**. X

**Parasitologist-Microbiologist**; 7 years of college teaching. Research grants, Latin American and African experience. Desires position as professor or department head. Box 198, **SCIENCE**. X

### POSITIONS WANTED

**Electroencephalographer Neurologist M.D.** certified; 20 years of clinical and experimental experience. Significant contributions. Will relocate for academic position. Box 202, **SCIENCE**. X

**Zoologist-Embryologist**. Principal interest—students. Extensive experience. Small school with high standards preferred. Box 199, **SCIENCE**. X

### POSITIONS OPEN

#### BIOCHEMIST

Required by The West African Cocoa Research Institute at Tafo, Ghana, to conduct studies on cocoa fermentation as affecting flavour and quality. Appointment on contract for two tours of 15 to 18 months in the first instance.

Salary according to qualifications and experience in scale £1248 a year rising to £2820 a year. Gratuity at rate of £150 a year payable at end of a tour or on final completion of service. Free passages for officer and wife. Assistance towards children's passages or allowance up to £300 a year if educated in U.K. Liberal leave on full salary. Quarters available at moderate rental.

Candidates must possess a good honours degree in Chemistry or Biochemistry and have had not less than 2 years post-graduate training or approved research experience in Biochemistry. Women candidates must be single.

Apply to **CROWN AGENTS**, 4 Millbank, London, S.W.1., England, for application form and further particulars, stating age, name, brief details of qualifications and experience and quoting reference M3B/53566/SCN.

### POSITIONS OPEN

#### PHARMACOLOGIST

Ph.D. with special training in neuropharmacology. Senior and responsible position. Administrative ability, for expanding research department of upstate New York pharmaceutical company.

Box 200, **SCIENCE**

### VIROLOGISTS and BIOCHEMISTS

Ph.D., M.D. or D.V.M.

. . . with experience in virology, microbiology, or related biological subjects. Virus and immunology research with substantial tissue culture experience.

#### BIOCHEMIST

B.S. or M.S.

. . . with strong background in organic or biochemistry. Write stating qualifications and salary desired to

PERSONNEL DEPT.

**WYETH**

Box 8299

Philadelphia 1, Pa.

## POSITIONS OPEN

### FACULTY OF AGRICULTURE

The University of Alberta invites applications for a position in the department of animal science as assistant professor (poultry genetics) at a starting salary of \$7400 with excellent prospects for advancement. Candidates must have a Ph.D. or equivalent in poultry genetics. The appointee will be expected to develop a research program in poultry genetics and to carry some teaching responsibilities.

Forward applications, accompanied by a recent photograph, curriculum vitae, transcript of academic record, and names and addresses of three references to the Head, Department of Animal Science, University of Alberta, Edmonton, Alberta. Closing date: 1 January 1962; duties to commence as soon as possible thereafter but not later than 1 July 1962. 10/20

## PHARMACOLOGISTS

Three Ph.D.'s required for group leader positions

### 1. NEUROPHYSIOLOGY GROUP

Concerned with neuropharmacological & electro-physiological research & service functions.

### 2. GENERAL NEUROPHARMACOLOGY GROUP

Supervise CNS drug screening and evaluative programs.

### 3. AUTONOMIC PHARMACOLOGY GROUP

Research & drug evaluation primarily in areas of allergy & hypertension.

Send resume and salary requirements To Personnel Department

### SCHERING CORP.

60 Orange St. Bloomfield, N.J.

Senior Pharmacologist. Ph.D., 2 or 3 years of experience preferred, but not absolutely essential. Senior and responsible position in new laboratory facilities of established, progressive pharmaceutical firm. Involves direction, supervision and mechanism studies in pharmacological evaluations of new and novel organic compounds. Excellent opportunities for personal and professional advancement. All replies confidential. Send résumé to Director of Research, **Irwin, Neisler Research Laboratories**, 1800 E. Pershing Road, Decatur, Ill. X

### SENSORY EVALUATION PANEL

A position is available for a person with at least a master's degree to organize and direct a "taste panel" to evaluate the effects of ionizing radiation on fresh fruits and vegetables. Write Dr. C. O. Hesse, Chairman, Department of Pomology, **University of California**, Davis, California.

## VIROLOGISTS

with

### Production Experience

We need an experienced man capable of supervising human biologicals production. Opening is at Terre Haute, Indiana.

Address resume, outlining experience, education, military status and salary requirements, to:

W. H. Harrington

**Chas. Pfizer & Co., Inc.**

235 East 42 Street  
New York 17, N.Y.

**Pfizer**

## POSITIONS OPEN

Effective 1 January 1962

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

## FELLOWSHIPS

**Postdoctoral Fellowship in Biochemistry**, involving blood proteins, available immediately. \$6000 to begin, partially tax free, no tuition. For further information write to Assistant Director for Education, Office of Education,

**The University of Texas  
M.D. Anderson Hospital and Tumor  
Institute  
Texas Medical Center, Houston 25**

### EDUCATION AND RESEARCH IN BIOMEDICAL ENGINEERING

An educational program designed to prepare life and physical scientists, doctors of medicine, and engineers for research in life systems through the current period of transition of biological sciences from the natural history stage of inquiry by inductive empiricism to that of inquiry by deductively formulated theory. An intensive four-term (12-month) preparation in methods of logical thought, mathematics, physics, and electrical theory for doctors of medicine and biologists, and a one-term (3-month) preparation in life sciences for engineers, makes possible joint course work in the final three terms (nine months). Thesis research on biological systems is conducted at the Presbyterian Hospital by teams drawn from both disciplines. The program leads to a graduate degree at Drexel. Limited stipend and scholarship funds are available. Assistance with fellowship application to National Institutes of Health is offered. For information:

**James W. Dow, M.D.  
Department of Biomedical Engineering  
DREXEL INSTITUTE OF TECHNOLOGY  
15 North 32 Street  
Philadelphia 4, Pennsylvania**

The Department of Pharmacology, University of Buffalo School of Medicine, Buffalo 14, N.Y., offers a 4-year program of course work and research training leading to the Ph.D. degree. Research opportunities include the action of drugs on kidney, heart and circulation, autonomic ganglia and skeletal muscle, and connective tissue. Annual stipends of \$1800 to \$2200 plus full tuition, plus \$500 for each dependent. Applications now being considered for entrance February or September 1962. Detailed information supplied on request.

### NATIONAL RESEARCH COUNCIL OF CANADA POSTDOCTORATE FELLOWSHIPS 1962-63

Approximately 120 fellowships will be awarded for 1962-63 by the National Research Council. Of these, 40 will be tenable in National Research Council laboratories in Ottawa, Saskatoon, and Halifax; 15 in laboratories of the Department of Agriculture, located at various centers; 15 in laboratories of the Department of Mines and Technical Surveys in Ottawa and Victoria; 5 in the laboratories of the Department of National Health and Welfare in Ottawa; 8 in the laboratories of Atomic Energy of Canada Limited; and 40 in laboratories of Canadian universities.

Applicants should not be more than 35 years of age and should possess a Ph.D. degree from a recognized university, or expect to obtain such a degree before taking up an award. (Candidates having equivalent research experience may be considered.) There are no restrictions regarding nationality of applicants, but successful candidates must meet all Canadian immigration requirements.

The annual stipend, which is free of income tax, is \$4000 for single fellows and \$5000 for male fellows who are married. An allowance toward the cost of travel is also paid.

The fields in which fellowships are available in the laboratories of the National Research Council, the Department of Agriculture, and the Department of Mines and Technical Surveys are described in greater detail in booklets that may be obtained on request, together with application forms. Applicants who are interested in fellowships in the universities may write directly to these institutions, or to the National Research Council for information. The fields of interest should be stated in the initial inquiry in order that appropriate information may be supplied. The closing date of the competition is 15 January 1962.

Inquiries should be addressed to:

**Awards Officer  
NATIONAL RESEARCH COUNCIL  
Ottawa 2, Canada**

## 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.

## 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. A3S, **CANNER'S, Inc.** Boston 20, Massachusetts

### FOR UP-TO-DATE INFORMATION ON GAS CHROMATOGRAPHY READ AEROGRAPH RESEARCH NOTES

write for your  
free  
subscription

**WILKENS INSTRUMENT & RESEARCH INC.**  
Box 313-A • Walnut Creek, Calif.

## 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.

1919 - 1961  
**LaMotte Chemical**  
Chestertown, Maryland, U.S.A.  
Specialists in  
Colorimetric Techniques  
Reagents-Standards-Comparators  
Send for Illustrated  
Controls Handbook Dept. H

### CHARLES RIVER \*CD-1

(Caesarean-derived)

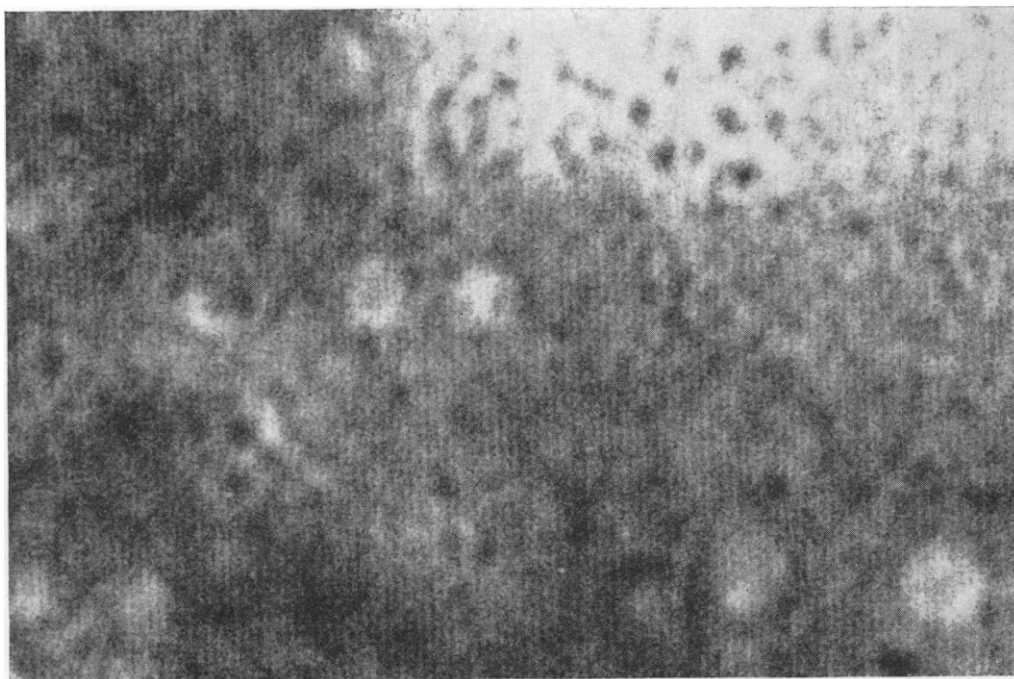
**Mice**  
ALBINO  
SWISS ICR

Hypophysectomies available

**THE CHARLES RIVER  
MOUSE FARMS**

\* Trade-mark  
1018 Beacon St., Brookline 46, Mass., RE 4-2000

# EXPLORING FUNDAMENTALS ... with the HITACHI HU-11



Shown is a microphotograph of Potassium Chloro Platinite, taken with an Hitachi HU-11 Electron Microscope. 1,750,000 photographic magnification, and with a resolution of 6.99 Angstrom Units!

Hitachi's guaranteed 8–10 Angstrom Unit resolution allows you to probe the very basic structure of matter—making full use of the HU-11's 250,000 direct magnification.

The basic Hitachi HU-11, without accessories, serves as a highly efficient electron diffraction apparatus for use with opaque or transparent specimens. With such accessories as a low temperature stage, a high temperature stage, a reflection microscopy attachment and a X-Ray shadow camera, the Hitachi HU-11 allows investigations into every field of research.

**LEASE TERMS ARE  
NOW AVAILABLE**

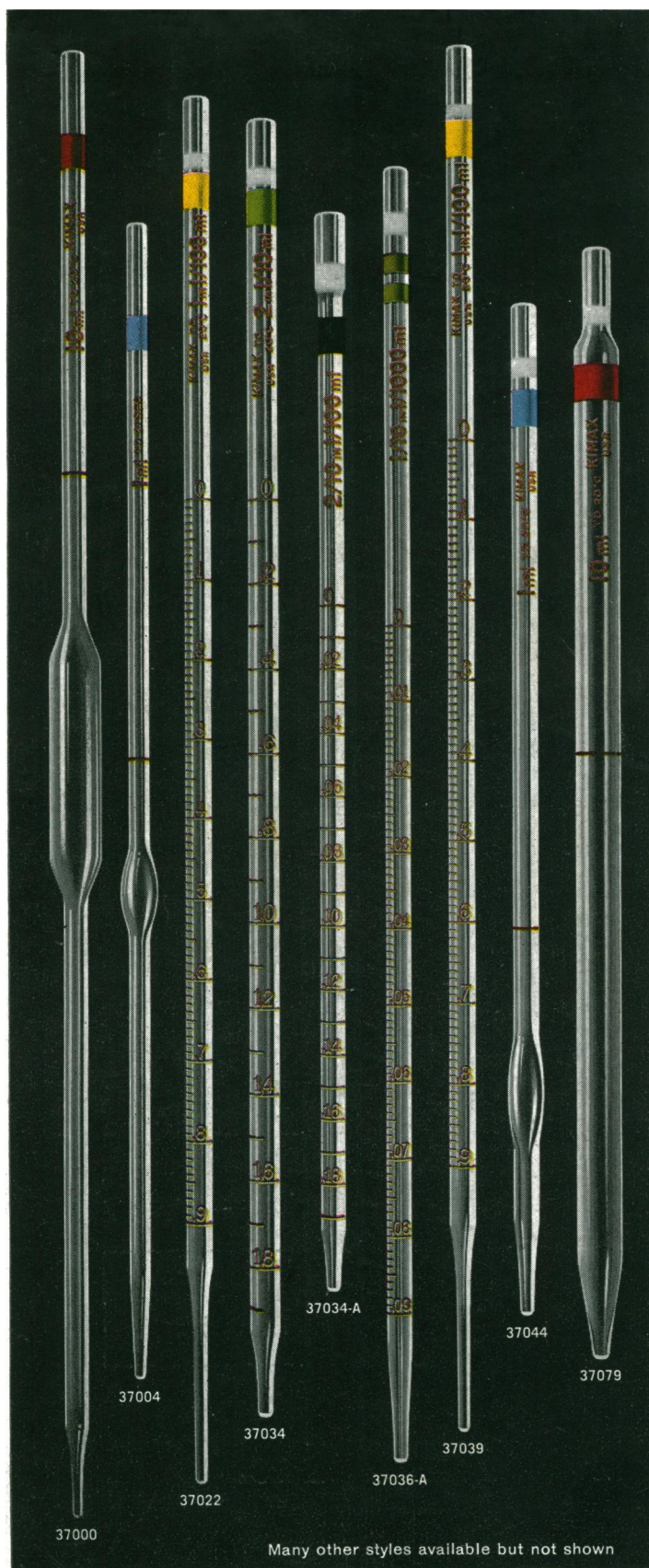
## **ERB & GRAY SCIENTIFIC, Inc.**

Exclusive Hitachi distributors for the United States

5927 Riverdale Ave., New York 71, N.Y.

• 1103 Westgate Ave., Oak Park, Illinois

854 S. Figueroa St., Los Angeles 17, Calif.



Kimble offers—at no extra cost...

the world's most complete line of

**COLOR-CODED**

pipets.

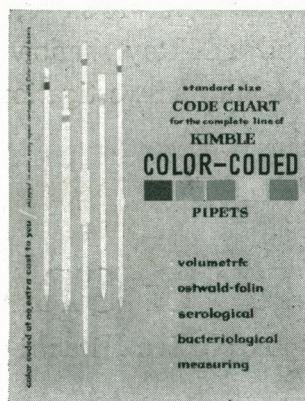
Including Volumetric, Ostwald-Folin, Measuring, Serological and Bacteriological pipets.

Your laboratory dealer now has stocks of at least 20 varieties of Kimble pipets, color-coded to provide these advantages for your laboratory:

- ◆ INSTANT SIZE IDENTIFICATION
- ◆ REDUCED SORTING TIME
- ◆ LESS CHANCE OF ERROR
- ◆ SIMPLIFIED CODING SYSTEM
- ◆ LONG-LASTING COLOR BANDS
- ◆ CODED, EASY-OPEN CARTONS

There's no extra charge for color-coding. And, Kimble dealers\* offer new discounts of 28% when your order for assorted Kimble ware totals 150 cases.

\*In Fair Trade States.



Send for this handy Kimble color/size code chart. Drop a card to Kimble Glass Company, Dept. CC2, (SC-10) Toledo 1, Ohio.

KIMBLE LABORATORY GLASSWARE  
AN **①** PRODUCT

**OWENS-ILLINOIS**  
GENERAL OFFICES • TOLEDO 1, OHIO