

Personnel Placement

POSITION 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: \$110 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

Biochemist. Ph.D. Phi Beta Kappa. Experienced, highly creative team leader. Protein chemistry, enzymology, biomedical devices, absorbable polymers, wound healing, aging, collagen technology. Patents, publications. Best references. Desires research position with government, institution or private industry. Box 223, SCIENCE. X

Biochemist. Ph.D., 29, female, developmental biochemistry specialization, biological oceanography interest, developmental studies marine invertebrates. teaching/research, either coast United States or Canada preferred. Box 230, SCIENCE. X

Cardiovascular Pharmacologist. Ph.D. Eleven years of postdoctoral research, administrative and teaching experience. Publications, grants, and awards. Seeks industrial or academic position. Available June 1972. Box 237, SCIENCE. X

Endocrinologist. Reproductive Physiologist; M.Sc., D.V.M., postdoctoral in steroid biochemistry. Six years of research experience with steroids, gonadotrophins radioimmunoassays, and experimental surgery. Desires teaching/research or research position. Box 238, SCIENCE. X

Entomologist, Ecology, zoology, microbiology, water pollution, Ph.D. Teaching-research experience, publications. Desires interdisciplinary teaching-research. Box 239, SCIENCE. X

Geneticist. Ph.D., 36, 10 years of full-time university experience. Special interest innovative undergraduate education. Also general, cellular, evolutionary, and statistical biology. Box 34823, Dallas, Texas 75234. 5/5

Medical Biochemist. Ph.D. 1972. Seeks position in pharmaceutical research or other interdisciplinary area. Research experience in neuroprotein biosynthesis. Publications. Available July. Salary open. Box 234, SCIENCE. 5/26

Microbiologist. Ph.D.; 14 years in research, development, and production. Hydrocarbon, enzyme, special product experience. Recent work in microbial genetics and phage control. Consider research or production position. No geographical limitations. Box 240, SCIENCE. X

Physical Chemist/Chemical Engineer/Computer Modeller. Ph.D., wishes to escape industrial "research" and Northeast megalopolis. Creative, realistic modelling of complex chemical kinetics and equilibria, multicomponent ionic mass transfer, separation methods. Will consider financial sacrifice with opportunity for meaningful contributions. Résumé and reprints of recent publications on request. Box 241, SCIENCE. X

NEW "SGA" CATALOG



1324 Pages
Size 8 3/8" x 10 3/4"

- Easy to Use
- Numbers in Sequence
- Page Headings Alphabetized
- Thousands of Illustrations
- Helpful Tables and Charts
- Cross-referenced Index

TWO CATALOGS COMBINED INTO ONE!

Over 30,000 stock items are listed in this new comprehensive laboratory supply catalog. It's simple to use, as all numbers are in sequence and all page headings are in alphabetical order. Thousands of illustrations are included, along with many helpful tables and charts.

Like our previous catalog 69, this new edition contains two separate volumes bound together for your convenience. The 976-page *General Section* lists thousands of modern scientific instruments, apparatus, appliances and general laboratory glassware and supplies. The 284-page *Inter-Joint Section* covers our entire line of interchangeable glassware. A 64-page cross-referenced index separates the two sections. General information is given in the 8-page preface.

To receive our new catalog (mailed without charge), please write to us on your official letterhead.

SGA
SCIENTIFIC
BLOOMFIELD, N. J. 07003

LABORATORY...
♦ APPARATUS
♦ INSTRUMENTS
♦ CHEMICALS
♦ GLASSWARE

Branches: Boston Mass. • Danbury Conn. • Elk Grove Village Ill. • Fullerton Calif. • Philadelphia Penna. • Silver Spring Md. • Syracuse N. Y.

POSITIONS OPEN

ASSOCIATE DIRECTOR. New program for training Physician's Associates. College to accept first class in August 1972. Qualifications: (1) Ph.D. in Pharmacology, Physiology, or Anatomy, (2) minimum of 5 years of university-level instruction, (3) earned academic rank of Associate Professor, and (4) demonstrated administrative ability. Employment immediate, 12-month contract. Salary: \$20,000 plus. Send letter of application and curriculum vitae to: Box 242, SCIENCE. We are an Equal Opportunity Employer.

Ph.D. BIOCHEMISTRY or the equivalent with a broad interest in clinical chemistry. Desire experience with steroids, proteins, and immunochemical techniques. Please send résumé to: **Ronald Pozzi, Placement Representative, Department 574-A, Miles Laboratories, Inc., Elkhart, Indiana 46514.** An Equal Opportunity Employer.

UNIVERSITY OF CAPE TOWN CHAIR OF PHYSICAL OCEANOGRAPHY

Applications are invited for the Chair of Physical Oceanography, which will be the Second Chair in the Department of Oceanography. The salary scale is R8100 × 300 to R9900 per annum, within which the commencing salary will be determined according to the qualifications and experience of the successful candidate.

Applicants should submit a full curriculum vitae and academic record, indicating their teaching and research experience and interests, a complete list of their publications and the earliest date on which they could assume duty.

Two copies of the application should reach the **Secretary-General, Association of Commonwealth Universities (Appts), 36 Gordon Square, London WC1H 0PF** (from whom memoranda giving the conditions of service, including transport expenses on appointment, and information on the work of the Department may be obtained) by **31 May 1972**, or as soon as possible thereafter. A third copy of the application with a medical certificate should be sent direct by air-mail to the **Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Town, South Africa**, by the same date.

The University reserves the right to appoint a person other than one of the applicants or to make no appointment.

MANAGER PHARMACODYNAMICS

Complete responsibility for the supervision of research in gastrointestinal, CNS and immuno-pharmacology; antiasthmatic, antiinflammatory and analgesic agents. Staff of 23.

Require scientific preeminence in one of the above areas with thorough knowledge of at least one other, plus 2-5 years as a section head or associate professor.

Abbott Laboratories is a leader in health care research and, as such, provides an optimum environment for innovation. Similarly, all avenues of professional and financial reward are exercised to recognize creativity and managerial skills. Located in rural suburban northwest Illinois—ideal for family living. Please send Curriculum Vitae to:

John B. Gaddis
Professional Employment

ABBOTT
Health Care World Wide
North Chicago, Ill. 60064

An Equal Opportunity Employer M/F

POSITIONS OPEN

UNIVERSITY OF RHODESIA CHAIR OF AGRICULTURE

Applications are invited for the Chair of Agriculture and Headship of the Department of Agriculture.

Salary scale: \$9,000 × 324 to \$10,620 (Rhodesian dollars).

Family passages and allowance for transport of effects on appointment. Installation loan of up to half of 1 year's salary if required. Unfurnished university accommodation guaranteed for a period of at least 3 years for persons recruited from outside Rhodesia. Sabbatical and biennial visits with travel allowance. Superannuation and medical aid schemes.

Detailed applications (six copies) giving full personal particulars (including full names, place and date of birth, and so forth), qualifications, experience and publications, and naming three referees, should be submitted by 15 July 1972, to the **Registrar, University of Rhodesia, P.O. Box MP 167, Mount Pleasant, Salisbury, Rhodesia.**

BIOCHEMIST-LIPID RESEARCH

B.S. in Biochemistry (M.S. helpful) and several years of research experience in lipid/lipoprotein biochemistry essential. Knowledge of techniques and instrumentation such as column fractionation, ultracentrifugation and electrophoresis. Must be willing to do experimentation with laboratory animals. Familiarity with enzymology and kinetic studies preferred. Will work on preventive aspects of arteriosclerosis. Should have understanding of protein and enzyme isolation and purification. Send detailed résumé including salary requirements in confidence to: **Mr. Barry Roth, CIBA-GEIGY Corporation, 444 Saw Mill River Road, Ardsley, N.Y. 10502.** An equal opportunity employer/male and female.

UNIVERSITY OF ZAMBIA

Applications are invited for posts of **PROFESSOR, SENIOR LECTURER, LECTURER AND ASSISTANT LECTURER**, in the School of Agricultural Sciences, in the following subjects:

1. FARM MANAGEMENT

Preference will be given to applicants with a basic Agricultural degree with specialisation in Farm Management, Agricultural Economics, Rural Development or related fields of study. Experience in tropical agriculture would be an advantage.

2. POULTRY SCIENCE

Preference will be given to applicants with a basic Agricultural degree with specialisation in Poultry Breeding and Management.

3. PASTURES AND FORAGE CROPS

Preference will be given to applicants with a basic Agricultural degree with specialisation in Tropical Pastures and Forage Crops.

4. SOIL SCIENCE

Preference will be given to applicants with a basic Agricultural degree with specialisation in Soil Physics, Soil/Water Relationships and Principles of Irrigation and Drainage.

5. CROP PROTECTION

Preference will be given to applicants with a basic Agricultural degree with specialisation in Plant Pathology and/or Agricultural Entomology.

6. AGRICULTURAL ENGINEERING AND FARM MECHANISATION

Preference will be given to applicants with a basic Agricultural degree with specialisation in Agricultural Engineering and Farm Mechanisation.

7. CROP BREEDING

Preference will be given to applicants with a basic Agricultural degree with specialisation in Breeding of Oil Crops.

Salary scales: Professor K7,360 p.a. Senior Lecturer K5,500-K6,300 p.a. Lecturer K3,500-K5,300 p.a. Assistant Lecturer K3,100-K3,400 p.a. (including contract allowance for non-Zambians) (K12 = £7 sterling.) Family passages; various allowances; superannuation and medical aid schemes; regular overseas leave. Detailed applications (6 copies) naming 3 referees as soon as possible to the **Registrar, University of Zambia, PO Box 2379, Lusaka, Zambia**, from whom particulars are available.

POSITIONS OPEN

POSTDOCTORAL FELLOW — BIOCHEMIST

to work on human cell DNA polymerases. Salary: \$9000.
Box 243, SCIENCE

UNIVERSITY OF KENTUCKY, LEXINGTON THOMAS HUNT MORGAN SCHOOL OF BIOLOGICAL SCIENCES

Applications are invited for junior and senior level faculty positions; duties will involve participation in our introductory biology teaching program and active research in the applicant's area of interest. Candidates will be selected on the basis of their background and abilities in teaching and research. Deadline for submission is 4 weeks from the date of this publication. Applications should contain a curriculum vitae, a description of current interests in teaching and research, and the names of three references. *An Equal Opportunity Employer.* **Dr. S. F. Conti, Director, T. H. Morgan School of Biological Sciences, University of Kentucky, Lexington, Ky. 40506.**

ASSISTANTSHIPS

GRADUATE ASSISTANTSHIPS IN MICROBIOLOGY

Appointment leading to Ph.D., \$2400 to \$2800 plus remission of tuition for academic year. Variety of research projects. Positions available September 1972. For further information contact:

Dr. Arthur K. Saz
Department of Microbiology
Georgetown University Medical & Dental
Schools
Washington, D.C. 20007

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIPS AND RESEARCH ASSOCIATESHIPS

Available 1 July 1972, Northwestern University Program in Reproductive Biology: Positions open, (a) **Biochemist and Peptide Chemist** (isolation hormone receptors), (b) **Biochemists** (molecular mechanisms of hormone and prostaglandin action), (c) **Cell Biologist or Biochemist and Electron Microscopist** (spermatogenesis and sperm functions). Applications from women and members of minority groups welcomed. Please send curriculum vitae to: **Dr. Oscar Hechter, Chairman, Department of Physiology, Northwestern University Medical School, 303 E. Chicago Avenue, Chicago, Illinois 60611.**

SUMMER INSTITUTES

TWO DATA ANALYSIS TRAINING SESSIONS

I. 8 to 12 AUGUST, QUALITATIVE DATA ANALYSIS
II. 22 to 26 AUGUST, MULTIVARIATE DATA ANALYSIS

Principles and practice of data analysis, with emphasis on computer methods. For researchers, teachers, and students in the biological, behavioral, and social sciences. Intermediate through advanced topics; lectures, group study, and computer applications on IBM 1130 and 360/65. For information and application forms, write or call: **DATS, 5835 Kimbark Avenue, Chicago, Illinois 60637, (312) 753-3825.**

TRAINEESHIPS

POSTDOCTORAL APPOINTMENT IN CELLULAR AGING

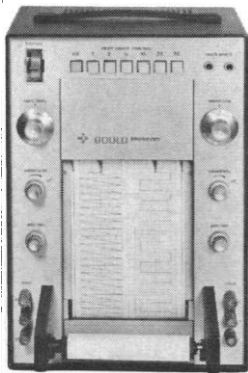
Excellent opportunity for support of training and research in fast-growing field of Gerontology in first-rate medical school. Stipend according to years of postdoctoral experience, plus dependency allowances. U.S. citizenship or permanent residence required. Appointment available 1 July 1972. Send resume to **Box 244, SCIENCE.**

MARKET PLACE

HANDBOOK OF BIOMEDICAL PLASTICS

By Henry Lee & Kris Neville of Lee Pharmaceuticals (formerly Medical Division, Epoxylite Corp.) authors of "Handbook of Epoxy Resins," "New Linear Polymers," etc. In preparation for 5 years at \$75,000 cost: 600 pages, 300 figures & tables, 2500 references. Limited edition \$55.00

Pasadena Technology Press
443 Orange Grove Circle, Pasadena, CA. 91105

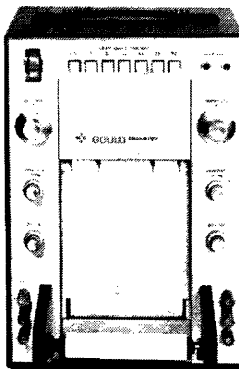


The Brush 222. It works where you need it.

In fact, it works anywhere. Because this rugged, two-channel recorder holds its own signal conditioners, internal battery supply and charger. So it's completely portable, completely self-contained.

Which means you can count on information-on-the-spot. And the Brush pressurized ink system gives you traces that are always crisp, clear, and smudgeproof. And the Metrisite®, our own servo loop feedback system means you can also count on 99½ % linearity.

The Brush 222 also gives you two 40mm channels and two event markers. Built-in preamps with a measurement range of 1mV per division to 500 V



full scale. Plus balanced, floating, and guarded inputs. And a frequency response to 35 Hz.

The two sealed Gould Gelyte® batteries give you 12 hrs. of continuous operation. Up to 6,000 hrs. of total operating life. And you can completely recharge the batteries in just 16 hrs. All you do is plug the Brush 222 into an a.c. outlet overnight.

The Brush 222. It's a born troubleshooter. And well worth looking into. For more information, write Gould Inc., Instrument Systems Division, 3631 Perkins Avenue, Cleveland, Ohio 44114. Or Rue Van Boeckel 38, Brussels 1140 Belgium.

BRUSH INSTRUMENTS

 **GOULD**

Circle No. 5 on Readers' Service Card

The AO® FluoreStar V20 is about the most compact microscope package you can use for fluorescence techniques. A mercury-vapor arc lamp is enclosed in the base with easy-to-reach light centration controls at front and side. All exciter, neutral density and barrier filters are contained in rotatable turrets for easy dial-in filter change convenience. And there's room for additional filters to suit your personal preference.

Two condensers, allowing quick interchange from darkfield to conventional brightfield, assure multiple technique capability.

All this, plus the AO infinity-corrected optical system for outstanding contrast, resolution and color correction, gives you a lot of microscope in this little space.

For more information, see your AO representative or write for detailed literature.

TM Reg., American Optical Corporation



**AMERICAN OPTICAL
CORPORATION**

SCIENTIFIC INSTRUMENT DIVISION • BUFFALO, N.Y. 14215

How about that?

**A fluorescence
microscope
in this little
space.**

