Tome 2, Spectroscopie Moléculaire. P. Barchewitz. Masson, Paris, 1971. vi, 306 pp., illus. Paper, 80 F.

Statement on Race. An Annotated Elaboration and Exposition of the Four Statements on Race Issued by the United Nations Educational, Scientific, and Cultural Organization. Ashley Montagu. Oxford University Press, New York, ed. 3, 1972. xiv, 278 pp. Cloth, \$7.95; paper, \$2.50.

The Structure and Relationships of the Primitive Devonian Lungfish — Dipnorhynchus sussmikhi (Etheridge). Keith Stewart Thomson and K. S. W. Campbell. Yale University Peabody Museum of Natural History, New Haven, Conn., 1971. vi, 110 pp. + figures. Peabody Museum Bulletin 38. Paper, \$4.60.

Studies in Constructive Mathematics and Mathematical Logic. Part 3. A. O. Slisenko, Ed. Translated from the Russian edition (Leningrad, 1969) by J. S. Wood. Consultants Bureau, New York, 1971. viii, 98 pp., illus. Paper, \$15. Seminars in Mathematics, vol. 16.

Studies in Tropical American Mollusks. Frederick M. Bayer and Gilbert L. Voss, Eds. University of Miami Press, Coral Gables, Fla., 1971. vi, 236 pp., illus. \$12.50.

Study on Communicating Science Information to a Lay Audience, Phase II. G. Ray Funkhouser and Nathan Maccoby. Stanford University Institute for Communication Research, Stanford, Calif., 1971. Variously paged. Paper, \$2.50.

Survey of Compounds Which Have Been Tested for Carcinogenic Activity. 1968–1969 Volume. Prepared for the National Cancer Institute by Thompson, Rockville, Md., 1971 (available from the Superintendent of Documents, Washington, D.C.). vi, 654 pp., illus., + errata. \$7. Department of Health, Education, and Welfare Publication No. (NIH)72–35. Public Health Service Publication No. 149.

Survey on the Scientific and Technical Potential of the Countries of Africa. Enquête sur le Potentiel Scientifique et Technique des Pays d'Afrique. Unesco, Paris; Unesco Field Science Office for Africa, Nairobi, Kenya, 1970 (U.S. distributor, Unesco Publications Center, New York). 296 pp. Paper, \$6.

Synoptic Plates of Higher Marine Fungi. An Identification Guide for the Marine Environment. Jan and Erika Kohlmeyer. Cramer, Lehre, Germany, ed. 3, 1971 (U.S. distributor, Stechert-Hafner, New York). 88 pp., illus. Paper, \$7.70.

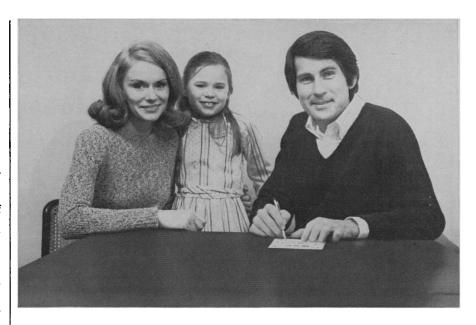
Systematic Introduction to the Psychology of Thinking. Donald M. Johnson. Harper and Row, New York, 1972. xii, 498 pp., illus. \$10.95.

498 pp., illus. \$10.95.

Theory of Fully Ionized Plasmas.
Günter Ecker. Academic Press, New York,
1972. xvi, 344 pp., illus. \$19.50.

Three Styles in the Study of Kinship. J. A. Barnes. University of California Press, Berkeley, 1972. xxiv, 318 pp., illus. \$8.75.

The Year of the Seal. Victor B. Scheffer. Illustrations by Leonard Everett Fisher. Scribner, New York, 1972. xiii, 208 pp. Paper, \$2.45. Reprint of the 1970 edition.



# You Mean I Can Get \$50,000 of TIAA Life Insurance for Less Than \$100?

That's what an Assistant Professor asked us when he heard about TIAA's low life insurance costs.

It's true. At his age 30 the annual premium for a 20-Year Home Protection policy providing \$50,000 initial amount of insurance is \$159.00. The first-year dividend, based on our current dividend scale, is \$61.50, making a net payment of \$97.50. Dividends, of course, are not guaranteed.

The Home Protection plan is level premium Term insurance providing its largest amount of protection initially, reducing by schedule each year to recognize decreasing insurance needs. This is just one example of the many low-cost TIAA plans available. If you need more protection for your family, ask us to mail you a personal illustration with figures for a policy issued at your age. We'll also send the Life Insurance Guide describing other TIAA policies.

#### ELIGIBILITY

Eligibility to apply for this or other TIAA life insurance is limited to persons employed at the time of application by a college, university, private school, or other nonprofit educational or scientific institution that qualifies for TIAA eligibility.

TEACHERS INSURANCE AND ANN 730 Third Avenue, New York, N. Y.		<b>D</b>
Please mail the new Life Insurance	Guide and a personal illustration.	
Name	YourDate of Birth	
Address	Street	
City	State	ZIP
Dependents' Ages		
Nonprofit Employercollege,	university, or other educational or so	cientific institution

# AMERICAN HOSPITAL SUPPLY CORP.

## **Blood Systems**

An opening exists for a Ph.D. hematologist or Biochemist to participate in McGaw's expanding efforts in blood systems.

The candidate should have experience in blood preservation erythrocyte metabolism and blood components. Experience in biochemical assay methods and screening methodology for new drugs is highly desirable. The individual selected will be responsible for expanding our research efforts and development of new products. Additional activities will entail liaison in IND and NDA preparation, collaboration with internal departments and establishing contacts with acknowledged research investigators. This position will require an experienced scientist who can aggressively develop new concepts in products. The selected individual will have responsibilities in these areas, will be a member of an interdisciplinary department and will be expected to contribute to other program areas as well.

McGaw Laboratories is a rapidly growing division of American Hospital Supply Corporation and offers attractive opportunities for growth and career development. Qualified candidates should submit confidential résumé with salary requirements to Mr. Ken Jeremiah, Personnel Manager.

McGAW LABORATORIES 1015 Grandview Avenue Glendale, Calif. 91201

An equal opportunity employer

# Forma's upright freezer makes downright good sense



Particularly when you consider what you get for your money. A 13 cubic foot capacity. Four separate interior compartments, separated by solid shelves. Temperatures down to —73° C in a 29° C working ambient. Refrigeration in all interior walls. And foamed-in-place urethane insulation.

Look at quality. Look at size. Look at price. Then decide who's the best buy.

Forma's upright freezer. Downright sensible



Circle No. 100 on Readers' Service Card

# CLINICAL PATHOLOGIST

# Pfizer Central Research Division

The Drug Safety Evaluation Department has an immediate opening for a Clinical Pathologist or Clinical Biochemist to supervise operations of our Clinical Chemistry and Hemotology Laboratories at our Research Center in Groton, Conn. The Clinical Pathologist will function closely with interdisciplinary groups actively involved in safety evaluation of potential new drugs.

The successful candidate will possess a doctoral level degree and will be capable of developing progressive research techniques. Experience would be a major plus.

Send your resume, in confidence, to Mr. Colin T. Kagel, Personnel Manager, Pfizer Central Research, Eastern Point Road, Groton, Conn. 06340.



An equal opportunity employer M/F

#### AUCTION OF LEARNED JOURNALS HIGHLY SUCCESSFUL

For the first time in recent memory an American bookseller has carried out an auction of sets of back issues of valuable scientific and scholarly periodicals owned by various U.S. libraries. On March 29, Maxwell Scientific International, Inc., opened sealed bids received from more than 20 bidders and obtained, in a few minutes, sales for nearly \$100,000.00. Bids were received from as far away as Japan, England and France, and ranged in value as high as \$11,000.00.

Most of the items offered were listed at exceptionally good minimum prices. Notable values were the set of Vols. 1-263 of the Comptes rendus of the Academie des Sciences in Paris, which was awarded on a bid of \$4,100.00. Vols. 1-332 of the Annals of the American Academy of Political and Social Science, were awarded on a bid of \$900.00; a set of 1947-1970 of Excerpta Medica was awarded on a close bid for \$11,000.00; Vols. 1-730 of Justus Liebig's Annalen der Chemie was sold for \$6,005.00. Many more were sold on bids which also exceeded the listed minimums by 20% to 30%.

Included in the bidding and offering participants of the auction were many college, university, public, and industrial libraries, booksellers, and microform producers. Among the libraries were University of Connecticut, University of Bridgeport, St. John's University, Southern Illinois University, University of California, Santa Cruz, University of Illinois at Chicago Circle, Ohio Northern University, Selkirk College, Canada, and University of Hull, England.

A spokesman for Maxwell Scientific observed that the success of the auction, both in obtaining so many important research publications and in procuring good value for both buyers and sellers, was due to the changing conditions of the marketplace. "The tightness of budget limitations and the trend toward use of microforms as a substitute for hard copy sets," he commented, "has made it possible to open a new channel for disposition of duplicate and unused reference materials which should be worth a reasonable sum of money to another library."

A second auction is being prepared by Maxwell Scientific, to be held on May 31, 1972. Sellers' offers are accepted through April 27. Anyone wishing to participate, either offering materials for sale or in the bidding, should contact Maxwell Scientific International, Inc., at Fairview Park, Elmsford, New York 10523, immediately for details. Tel: (914) 592-9141

Circle No. 82 on Readers' Service Card

# 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 adverticing.

POSITIONS OPEN: \$110 per inch. No charge 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., N 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

Anatomist, Histologist; Electron Microscopist, Ph.D. Classic university background; European postdoctoral study. Numerous publications. Broad basic experience in all phases of teaching and research. Desires senior level teaching and research position where opportunity is available for development of a teaching-research program in ultrafine structure; application of modern research techniques to cellular structure and function (transmission and scanning electron microscopy, x-ray spectroscopy, microprobe, and so forth). Box 195, SCIENCE.

College Teacher. Ph.D. (biochemistry), 1968. Experience: 2 years postdoctoral (genetics); 3 years of teaching (biology, cell physiology, environment, physical science, and so forth). Strong interdisciplinary interests. Research interests. Primary commitment is to excellence in teaching. Box 199, SCIENCE.

## POSITIONS WANTED

Biochemist, Ph.D. Twenty years of independent and collaborative medical research background. Extensive cancer, enzymes, and nucleic acids research. Strong clinical chemistry background. Some environmental studies. Many publications. Secking responsible position where these talents can be used. Prefer metropolitan New York area. Box 196, SCIENCE.

Biochemist, M.D., Ph.D., Pediatrician. Experience in red cell membrane and brain enzymes. Metabolic disorders and mental retardation research. Faculty position and grants. Seeks academic appointment. Box 197, SCIENCE.

Cytotaxonomist. Ph.D., research and teaching experience in plant biosystematic, publications. Seeks research/academic appointment. Box 200,

Ecologist, Ph.D. 1968, seeks academic/research position, preferably in West. Four years of government research experience. Specialties in plant physiology, microclimatology, and energy balance; but with broader interests. Publications. Box 201, SCIENCE

Microbiologist, Ph.D. Three years of postdoctoral experience. Experience in kinetics of microbial growth and production of metabolites in batch and continuous cultures, kinetics of action of antibiotics, medium and apparatus development, assay methodology, microbiological chemistry. Teaching interests: general and applied microbiology. Seeks teaching, research, or industrial position. Box 202, SCIENCE.

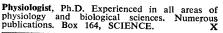
Optical Engineer. Ph.D., 1971; 15 years of research experience developing instruments and techniques for making radiometric measurements on plant material, with application to photobiology, food quality evaluation, and remote sensing. More than 20 research publications. Seeks position in interdisciplinary research. Prefer university environment. Box 203, SCIENCE.

Pharmacologist, D.V.M., Ph.D. Extensive background human, veterinary pharmacology-toxicology. Research: liver, kidney metabolism, chlorinated hydrocarbons. Teaching: medical pharmacology, environmental toxicology. Box 204, SCIENCE.

Ph.D., many years of experience in planning and conducting cancer research; desires experimental/administrative position. Numerous publications. Box 205, SCIENCE.

Ph.D. with postdoctoral experience seeks teaching or research job in mycology, general botany, biology, or microbiology. More than 20 publications in medical mycology; experience in clinical bacteriology. Box 206, SCIENCE.

## POSITIONS WANTED



Physiology, Pharmacology Research Worker experienced in biochemical technique, small animal surgery, with strong interest in ecology, zoology, and experimental design. Desires relocation. Box 198, SCIENCE.

# POSITIONS OPEN

BIOCHEMIST, Ph.D.

To participate in interdisciplinary research project related to protein chemistry in an academic setting in New York City. Equal Opportunity Affirmative Action Employer M/F. Send curriculum vitae and bibliography to Box 207, SCIENCE

#### BIOLOGIST

Minimum of 10 years postdoctoral experience to head tissue culture and radioisotope lab. Minimum of 5 years experience in tissue culture research and cryobiology. Must have or be qualified for AEC licensure. Evidence of ability to speak and write clearly and to conduct imaginative independent research required. U.S. citizens only. EOE. Send curriculum vitae to Box 208, SCIENCE.

# ELECTRON DIFFRACTION OF BIOLOGICAL MATERIALS

BIOLOGICAL MATERIALS

Experimental crystallographer or experimental physicist with crystallographic computing ability (postdoc or post-postdoc level) required for research on a new technique of electron difraction of cell membranes using conventional and high voltage electron microscopes fitted with a hydration chamber. Some biochemical knowledge and an interest in cell membranes is an advantage. Open 1 September 1972 (or earlier) for 3 years. Salary according to experience and dependents (\$8,000 to \$13,000 per annum). Write with resume and reprints to: Or. D. F. Parsons, Roswell Park Memorial Institute, 666 Elm Street, Buffalo, New York 14203.

#### NSF-SOS PROGRAM

Six summer openings available for undergraduate research in ecology of Seneca Lake Watershed at Geneva, N.Y. For further details and application forms contact

R. Kidder Box 363
Hobart College
Geneva, N.Y. 14456
An Equal Opportunity Employer

## 

# CHEMICAL ELECTRONIC INSTRUMENTATION ENGINEER

Large, chemical research instrumentation facility in our Chemistry Department is seeking an Electrical Engineer. Duties involve solid state electronics, ultra-high frequency, circuitry, and the repair, operation and improvement of instruments including Proton Resonance, Mass Spectrometer, X-Ray Diffractometer, Computer, and Electron Spin Resonance Equipment. Prefer experienced engineer or person with equivalent background. Benefits include life ins., hosp., educ. assistance, one month vacation and much more.

Send résumé and salary requirements to J. Oliver, Personnel Office, Clio Hall

## PRINCETON UNIVERSITY

NEW JERSEY 08540

🖿 An equal opportunity employer 🔳

#### POSTDOCTORAL INSTRUCTORSHIPS

Temporary positions in laboratory instruction, permitting up to one-half time for collaborative research with faculty. Also open are graduate appointments and post-doctorate traineeships (developmental biology).

Zoology Department University of Iowa Iowa City, Iowa 52240

#### THE INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY

#### POSTDOCTORAL AFRICAN SCIENTISTS

POSTDOCTORAL AFRICAN SCIENTISTS

The International Centre of Insect Physiology and Ecology (ICIPE) is planning to appoint highly qualified and motivated African scientists to work for periods of 1 year or longer at its Research Centre in Nairobi. The priority areas of research are the behaviour, sensory physiology, endocrinology, biochemistry, natural products chemistry, and experimental biology of tsetse flies, ticks, and termites. The candidates, who should be citizens of any African country, should be young postdoctoral scientists who have shown an outstanding flair for research. Research facilities are being built for a multidisciplinary research effort in certain crucial problem areas.

Candidates who are interested in these openings should, in the first place, contact and send an application to The Director, I.C.I.P.E., P.O. Box 30772, Nairobi, Kenya. At least two openings are immediately available; others will be available in the course of the year.

#### PHYSIOLOGIST/PHARMACOLOGIST

Two-year substitute with M.S. or Ph.D. as laboratory instructor for above two undergraduate courses. Completely modern lab and equipment. Submit vitae and transcripts with salary requirement to

Dean St. Louis College of Pharmacy 4588 Parkview Pl. St. Louis, Missouri 63110

#### RESEARCH SCIENTIST

American Red Cross Blood Research Laboratory American Red Cross Blood Research Laboratory seeks experienced investigator for programs on the intermediary metabolism of blood cells, the fractionation of plasma proteins, materials research and bioengineering problems in blood banking, and HL-A typing. EOE, Send curriculum vitae and bibliography to

Box 209, SCIENCE

#### UNIVERSITY OF QUEENSLAND Australia

#### SENIOR TUTOR IN BIOCHEMISTRY

Minimum qualifications Honours degree in Science. Preference given to applicants with proficiency in biological aspects of biochemistry. An interest in molecular biology is desirable and preference may be given to such a candidate.

Salary: \$A5400 to \$A6500 per annum.

Other Benefits: Superannuation similar to F.S.S.U., housing assistance, and traveling and removal expenses.

Additional information and application forms will be supplied upon request to the Secretary-General, Association of Commonwealth Universities (Appls), 36 Gordon Square, London WC1H OPF, ENGLAND.

Applications close in London and in Brisbane on 28 April 1972 or as soon as possible thereafter.

#### ORGANIC CHEMIST FEMALE/MALE

## RADIOACTIVE **SYNTHESIS**

Position in our radio-synthesis laboratory at our Corporate Research Center in Bloomfield, N. J. for a BS/MS organic chemist with prime interest & manipulative skills in synthetic organic chemistry on the micro & semi-micro scale. At least 2 years of experience with a variety of reactions & compounds in isotopic synthesis required.

For further information & consideration please direct a resume of your qualifications to:

RESEARCH PERSONNEL

#### **SCHERING** CORPORATION

60 ORANGE ST. BLOOMFIELD, N.J. 07003

Applicants of all races are encouraged to apply

# Veterinarian

Ortho Pharmaceutical Corp. has an excellent opportunity for a D.V.M. with 1 to 2 years laboratory animal medicine experience. This position will include the responsibility for veterinary care for animals, experimental surgical procedures, growth pathology, and a primate breeding colony. This position will also include the opportunity for independent research projects. projects.

Ortho has modern research facilities and is located in a pleasant central New Jersey suburban area.

If you are interested in this position, please forward your resume with salary requirements to: Charles O. Wilkins, Employment Supervisor.



#### ORTHO PHARMACEUTICAL CORPORATION

RARITAN, NEW JERSEY 08869

(A Johnson Johnson Company)

an equal opportunity employer

## POSITIONS OPEN

#### VETERINARY PATHOLOGIST

The Food and Drug Administration's new National Center for Toxicological Research, Pine Bluff, Arkansas, has immediate openings for the following positions:

following positions:

Associate Director for Pathology. Directs all histopathology, clinical pathology, and related support service operations and pathological research endeavors of the Center. One primary responsibility will be to conduct applied research, either in-house or through contract, to develop techniques to allow as much automation in the pathology operation as possible. D.V.M. and Ph.D. in Pathology are required, plus a strong history in animal histopathology including experience in managing a pathology research operation. Salary is \$29,673 to \$36,000.

tion. Salary is \$29,673 to \$36,000.

Senior Veterinary Pathologist. Supervises a group of parapathologists in preparation and staining of tissues and in examining tissues for abnormal changes. Conducts research in histochemistry. D.V.M. and M.S. or Ph.D. in Pathology. Strong background in animal histopathology necessary Salary is \$25,883 to \$33,260.

Veterinary Pathologists (three positions). Assist senior pathologist in microscopic examination of tissues and in the conduct of histochemistry research. D.V.M. and M.S. Salary is \$15,866 to \$28,548.

Major relocation expenses to Pine Bluff, Arkansas, will be reimbursed. U.S. citizenship is required. Send résumé (transcripts and list of publications desirable) or Federal Application Form SF-171, to:

Mr. Stephen Douglas U.S. Food and Drug Administration NCTR, CS-060 The Parklawn Building 5600 Fishers Lane Rockville, Maryland 20852

FDA-Where Equal Opportunity
Is the Rule

# TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY SCHOOL OF MEDICINE

Department of Morphological Sciences

Positions available in Israel for a

Histologist
 Neuroanatomist
 Fight

 Embryologist in a rapidly developing new medical faculty of an established technological institute. Please contact:

Dr. W. F. Marovitz

Head, Department of Morphological Sciences
The Technion School of Medicine
12 HaAliyah Street
Haifa, Israel

# UNIVERSITY OF BRITISH COLUMBIA DEPARTMENT OF ZOOLOGY

Applications are invited for two posts, at the level of Assistant Professor (possibly Associate), from Zoologists (Ph.D.) qualified in some combination of the following fields: biophysics-biochemistry, neurophysiology, developmental biology. Duties, to begin 1 July 1972 or later, will include teaching an undergraduate course in Biology or Zoology, and developing research and graduate instruction in area of interest. Salary commensurate with experience. Apply to Head, Department of Zoology, University of British Columbia, Vancouver 8, B.C., Canada

# FELLOWSHIPS FELLOWSHIPS

PHARMACOLOGIST. Postdoctoral Fellowship now available for recent graduate with experience and/or interest in CNS pharmacology. Work will involve classical, behavioral and biochemical studies on optically pure novel tricyclic compounds. Seek motivated individual who has the desire and ability to carry out studies based on his own initiative. Address inquiries to Dr. Michael C. Gerald, Division of Pharmacology, College of Pharmacy, The Ohio State University, Columbus, Ohio 43210.

# GRADUATE STUDY

## GRADUATE STUDY IN PHARMACOLOGY

Predoctoral assistantships available effective September 1972 for study in subspecialty areas of Pharmacology including Cancer Chemotherapy, Drug Metabolism, Molecular, Biochemical and Endocrine Pharmacology, New and expanded facilities ready for occupancy. Prerequisites bachelor's degree in chemistry, biology, or related field.

Contact: James A. Straw, Ph.D., Department of Pharmacology, The George Washington University School of Medicine, 1339 H St., NW, Washington, D.C. 20005.

# The most important parts of the Zeiss UPL Microscope are the parts that are unique.

The objectives. The need for an inverted microscope in the first place—the necessity of observing cultures, cells, materials in liquid suspension—creates with it the need for special objectives with special qualities. And Zeiss has the widest range of optics of all kinds, including the long-working-distance objectives you need for viewing through thick glass bottles, flasks, and chambers.

The condensers. Most of this work calls, too, for special long-distance condensers. And here again Zeiss excels, offering you the widest choice of condensers for both brightfield and

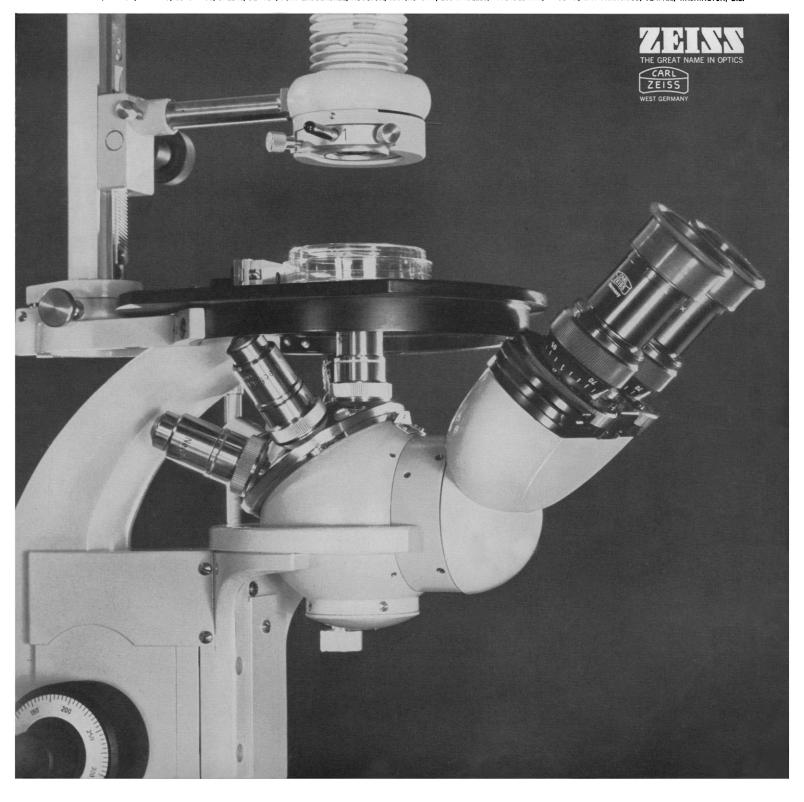
phase contrast work (so important when you're viewing or photographing living materials).

Send for 8-page brochure. If you are doing cancer research, drug studies, tissue typing in your preliminary tests before organ transplantation, or studies of living organisms in their natural environments, you'll want to know more about the Zeiss UPL Inverted Microscope. Write today for descriptive literature: Carl Zeiss, Inc., 444 5th Ave., New York, N.Y. 10018. Or phone (212) 736-6070.

Nationwide service.

Circle No. 7 on Readers' Service Card

ATLANTA, BOSTON, CHICAGO, COLUMBUS, DALLAS, DENVER, FORT LAUDERDALE, HOUSTON, KANSAS CITY, LOS ANGELES, PHILADELPHIA, PHOENIX, SAN FRANCISCO, SEATTLE, WASHINGTON, D.C.



# Tri-Carb Systems by Packard

The world's leader in liquid scintillation

