

from Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.). iv + 236 pp., illus. Paper, \$3.

La Sarcoidose. Reports of the 4th international conference, Paris, September 1966. J. Turiaf, J. Chabot, D. G. James, and M. Zatouroff, Eds. Masson, Paris, 1967. xii + 782 pp., illus. Paper, 120 F.

Science, Engineering, and the City. A symposium sponsored by the National Academy of Sciences and the National Academy of Engineering, April 1967. National Academy of Sciences, Washington, D.C., 1967. x + 142 pp., illus. Paper, \$4.50. National Academy of Sciences Publication 1498.

Social Interaction. Process and Products. Selected essays by Muzafer Sherif. Aldine, Chicago, 1967. viii + 512 pp., illus. \$9.75.

The Social Meanings of Suicide. Jack D. Douglas. Princeton University Press, Princeton, N.J., 1967. xiv + 398 pp., illus. \$8.50.

Spatial Analysis. A Reader in Statistical Geography. Brian J. L. Berry and Duane F. Marble. Prentice-Hall, Englewood Cliffs, N.J., 1968. xiv + 512 pp., illus. \$10.95.

A Stereotaxic Atlas of the Rat Brain. Louis J. Pellegrino and Anna J. Cushman. Appleton-Century-Crofts, New York, 1967. vi + 106 pp., illus. Paper, \$12. Century Psychology Series.

Teaching Biology. Jean Bremner. Macmillan, London; St. Martin's, New York, 1967. viii + 116 pp., illus. \$3.50.

Tension in Medicine. Compiled and edited by Edmund Jacobson. Thomas, Springfield, Ill., 1967. x + 148 pp., illus. \$7.75.

Tracks. E. A. R. Ennion and N. Tinbergen. Oxford University Press, New York, 1967. 63 pp., illus. \$4.25.

Treasures of Prehistoric Art. André Leroi-Gourhan. Translated from the French by Norbert Guterman. Abrams, New York, 1967. 543 pp., illus. \$40.

Understanding Physics Today. W. H. Watson. Cambridge University Press, New York, 1967. xiv + 219 pp., illus. Cloth, \$6.50; paper, \$1.95. Reprint of the 1963 edition.

The United Nations Political System. David A. Kay, Ed. Wiley, New York, 1967. xii + 419 pp. Cloth, \$7.95; paper, \$4.95.

Urban Geography. J. Beaujeu-Garnier and G. Chabot. Translated from the French by G. M. Yglesias and S. H. Beaver. Wiley, New York, 1967. xvi + 470 pp., illus. \$8. Geographies for Advanced Study.

Vitamins and Hormones. Advances in Research and Applications. Vol. 25. Robert S. Harris, Ira G. Wool, John A. Loraine, C. F. Marrian, and Kenneth V. Thimann, Eds. Academic Press, New York, 1967. xii + 404 pp., illus. \$16.

Water IS Everybody's Business. The Chemistry of Water Purification. A. S. Behrman. Doubleday, Garden City, N.Y., 1968. x + 229 pp., illus. \$4.50.

Waterfowl in Australia. H. J. Frith. East-West Center Press, Honolulu, 1967. xxii + 328 pp., illus. \$10.

Wilhelm Conrad Röntgen and the Discovery of X-rays. Bern Dibner. Watts, New York, 1968. viii + 149 pp., illus. \$2.95. Immortals of Science Series.

Work in the Home. Rose E. Steidl and Esther Crew Bratton. Wiley, New York, 1968. xviii + 419 pp., illus. \$9.95.



A funnel is not just a funnel. It must be designed for its specific purpose. Like the Nalgene Analytical Funnel. Body is angled 60° with internal ribs at 58° for rapid filtration with standard papers. Outside ribs eliminate air locks.

The same, careful design and molding has gone into all 37 styles and sizes of Nalgene funnels—powder funnels, utility funnels, heavy-weight funnels, Buchner funnels (with or without suction nozzles), and even separatory funnels. Nalge has put the functional into every funnel.

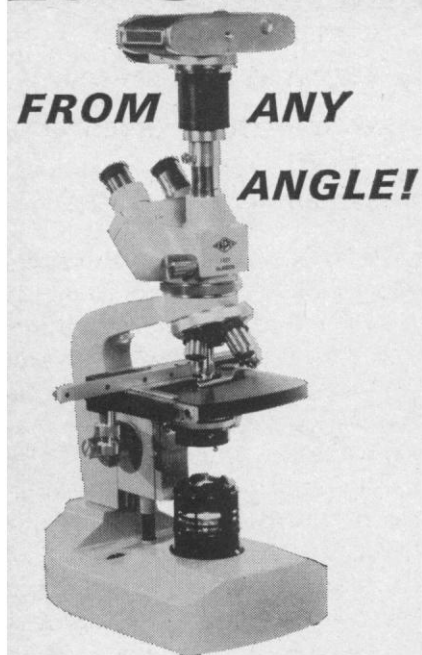
Nalge . . . innovator in plastic labware. Specify Nalgene Labware from your lab supply dealer. Ask for our 1968 Catalog, or write Dept. 2715, Nalgene Labware Division, Rochester, New York 14602.



NALGE
RITTER PFAUDLER CORPORATION

RIGHT!

FROM ANY ANGLE!



The New **SPI** Trinocular MODEL 1821

Built-in transformer and illuminator base (also available on standard base)

Coaxial Coarse and Fine Adjustment

Centerable Condenser Mount on Rack and Pinion

Ball-bearing Quadruple Nosepiece

Spring-mount Retractable High Dry and Oil Immersion Objectives

Low-coaxial, Built-on Graduated Rack-drive Mechanical Stage

Swing-out low-power condensing lens

Available with or without Photomicrographic Equipment

Available with Brightfield, Phase, or Darkfield Accessories

Wood Case Available—optional

Prices begin as low as \$578.00 with Three Objectives

Full range of student, industrial, and research microscopes.

Write for complete literature, price list, and name of SPI Franchised Dealer near you.

SOUTHERN PRECISION INSTRUMENT COMPANY

710 AUGUSTA STREET • SAN ANTONIO, TEXAS 78215

Index of Advertisers—8 March 1968

Academic Press	1142	LKB Instruments Inc.	1012
Air Control, Inc.	1170	Lourdes Instrument Corp.	1153
Alconox Products	1152		
American Optical Co.	1178	Mallinckrodt/Nuclear	
Amicon Corp.	1160	Radiochemicals	1047
Ainsworth	1042	Mann Research Laboratories	1169
Arapahoe Chemicals	1150	Metaglass, Inc.	1159
		Mettler Instrument Corp.	1145
Baird-Atomic	1140	Miles Laboratories, Inc.	1141
Barnstead	1161	Mistaire Laboratories	1168
Barry Controls	1149		
Bausch & Lomb	1147, 1157, 1163	Nalgene Labware Div.	1171
Baxter Laboratories, Inc.	1175	Neslab Instruments, Inc.	1164
Bel-Art Products	1152	Nester/Faust Mfg. Corp.	1044
Belco Glass Inc.	1159	New Brunswick Scientific Co., Inc.	1045
Bio-Rad Laboratories	1158	Nuclear-Chicago Corp.	1052
Brinkmann Instruments	1029, 1148		
Bronwill Scientific	1035, 1162	Olympus Corporation of America	1039
Brookline Surgical Specialties	1176	Organomation Associates	1165
Buchler Instruments, Inc.	1032	Oriel Optics Corp.	1176
Carver, Fred S., Inc.	1159	Packard Instrument Corp.	1139
Cary Instruments	1022	Pentax Inc.	1155
Charles River Laboratories, Inc.	1148	Percival Refrigeration & Mfg. Co.	1151
Chemapec Inc.	1030	Perkin-Elmer Corp.	1020
Chemtree Corp.	1176	Pfeiffer Research Instruments,	
Clay-Adams	1034	Beryllium Manufacturing Corp.	1093
Coleman Instruments	1028	Pharmacia Fine Chemicals Inc.	1051
		Phipps & Bird, Inc.	1149
Digital Equipment Corp.	1023, 1142	Plenum Press	1151
		Precision Scientific Co.	1144
E-C Apparatus Corp.	1156	Princeton Applied Research Corp.	1048
E & M Instruments Co., Inc.	1165	Professional Tape Co., Inc.	1149
Electronic Associates, Inc.	1038		
Extracorporeal Medical Specialties, Inc.	1166	Sage Instruments, Inc.	1168
		Sargent, E. H., & Co.	1033
FAO Rome	1176	Saunders, W. B., Co.	1013
Farad, A. B.	1151	Schoeffel Instrument Corp.	1160
Farrand Optical Co., Inc.	1155	Schwarz BioResearch	1041
Fish-Schurman Corp.	1145	Sherer-Gillett Co.	1141
Fluid Metering Inc.	1024	Siemens America Inc.	1053
		Sigma Chemical Co.	1096
Gates, George W., & Co.	1176	Sigmamotor, Inc.	1169
Gilford Instrument Laboratories, Inc.	1094	Sobotka, Eric, Co., Inc.	1170
		Sorvall, Ivan, Inc.	1037
Hacker, William J., & Co., Inc.	1050	Southern Precision Instrument Co.	1172
Harford Metal Products, Inc.	1168	Springer-Verlag	1169
Heath Co.	1025		
Hewlett-Packard	1056	Technicon Corp.	1021
Histology Service	1176	Tenney Engineering, Inc.	1155
Honeywell, Inc.	1016, 1017	Tracerlab	1156
Hormone Assay	1176	TRW Instruments	1036
Hotpack Corp.	1167		
		Unitron Instrument Co.	1031
IIT Research Institute	1174	U.S. Army, Procurement Division	1173
Instrumentation Specialties Co., Inc.	1018	U.S. Navy	1174
International Equipment Co.	1040	University of Guelph	1174
JEOLCO (U.S.A.), Inc.	1019	Vantage Press	1176
		Vickers Instruments, Inc.	1146
Klett Manufacturing Co., Inc.	1141		
		Whittaker Corp.	1162
Lab-Line Instruments, Inc.	1145	Wild Heerbrugg Instruments, Inc.	1143
Labindustries	1050, 1052	Wiley, John, & Sons, Inc.	1026, 1027
LaMotte Chemical	1176	Williams & Wilkins Co.	1154
Lea & Febiger	1046	Winthrop Laboratories	1145
Leitz, E., Inc.	1054	Worthington Biochemical Corp.	1043
		Wright Line	1164
		Zeiss, Carl, Inc.	1177

Personnel Placement

POSITIONS WANTED

Biologist, Ph.D. Seeks position teaching biology and ecology. Box 46, SCIENCE. X

Financial Administration, research organization or college; strengths in new construction, accounting, personnel, grants and contracts. Box 36, SCIENCE. X

Cell Physiology—Biochemistry. Ph.D. 1957. Extensive experience in CNS research, particularly electrolyte and amino acid transport. Seeks research position, welcomes teaching responsibilities. Box 68, SCIENCE. 3/8, 15

POSITIONS OPEN

Biochemist, Ph.D. research experience in atherosclerosis for group studying pathogenesis of this disease. Responsibilities would include lipid, immuno, cyto and histochemistry. Position Civil Service. Salary to \$13,500. Resume to **Dr. S. C. Spraragen, Chief, Radioisotope Service, VA Hospital, 800 Poly Place, Brooklyn, New York 11209** or Phone TE 6-6600, Extension 271.

BIOCHEMIST Ph.D.

or Organic Chemist Ph.D. to work on metabolism of drugs, pesticides, and other chemicals in animals and in man. Experience preferred. Must be research oriented. Full radioisotope facilities. Team effort. Send complete resume in confidence to **Director, Institute of Experimental Pathology & Toxicology, Albany Medical College, 47 New Scotland Avenue, Albany, N.Y. 12208**

LABORATORY TECHNICIAN

B.S. or M.S. with solid background in biochemistry and physiology to assist in the development of drugs for regulation of reproductive functions in humans. Prefer someone well trained in basic sciences with laboratory experience. Must be willing to work with animals.

Send resume to: **M. F. Murray**
Technical Employment Representative

THE UPJOHN COMPANY

Kalamazoo Michigan 49001

An equal opportunity employer

EXCEPTIONAL EARNING OPPORTUNITY

for

Science teachers or science graduates to teach and travel in a science lecture program of nuclear education presented in secondary schools throughout the United States.

During each full week of travel, science educators are paid \$63 subsistence, \$25 premium pay and lodging costs plus a minimum base salary of \$600 monthly. Vehicle is provided (with credit card).

Qualifications:

Degree in science or science education.

Capable of extensive travel.

Good health and speaking ability.

Employment to begin in July 1968.

For application and further information, write:
Personnel Office

**OAK RIDGE ASSOCIATED
UNIVERSITIES**

P.O. Box 117

Oak Ridge, Tennessee 37830

An Equal Opportunity Employer

POSITIONS OPEN

DEPARTMENT OF BIOCHEMISTRY

Applications are invited for positions as Assistant Professors, Department of Biochemistry, effective July 1, 1968. These positions require teaching undergraduate and graduate students and the development of an active research programme. Send resume and names of three referees to **Dr. L. A. W. Feltham, Head, Department of Biochemistry, Memorial University of Newfoundland, St. John's, Newfoundland, Canada.**

Chemist or Biochemist needed in Milwaukee University Hospital. Experience required in radioactive tracers, chromatography, and other analytical techniques. Salary open.

Box 73, SCIENCE

Limnologist Ph.D. or experienced M.S. to head newly formed section of aquatic biology and related water quality parameters in state water pollution control program. Opportunity for technical and supervision development with excellent salary and fringe benefits. Send resume and salary range requirements to: **Dr. R. L. Morris, State Hygienic Laboratory, University of Iowa, Iowa City, Iowa.**

Mechanical Engineers—Graduate engineers with experience in designing plumbing, heating and air-conditioning systems. To be job captains. Salary open. Work location—Minneapolis. **Bruch and Morrow, Inc., Consulting Engineers, 1415 No. Lilac Drive, Minneapolis, Minn. 55422, 612-544-3111.**

MEDICAL MICROBIOLOGIST, M.D. or Ph.D., to direct Division of Microbiology in large teaching hospital center, New York City. Hospital experience essential. Write, stating full details. Include curriculum vitae and bibliography.

Box 49, SCIENCE

MICROBIOLOGIST—Knowledge or experience in fluorescent microscopy and maintenance of cell lines. Work will relate to Biological Production and Quality Control. Excellent employee benefits program. Equal Opportunity Employer. Please send application and resume to: **James A. Cox, Personnel Director, Fort Dodge Laboratories, Inc., Fort Dodge, Iowa 50501.**

Ass't Clinical Microbiologist

Recent Ph.D. or M.S. with experience. Very active clinical microbiology laboratory in New York City suburb. Duties include assisting microbiologist in the supervision of technical personnel in expanded section, participation in training of house physicians and residents in Pathology, conferences and interpretation of laboratory findings with attending staff. Research opportunities. Salary commensurate with training and experience. Excellent benefits. Rare opportunity for the right person.

Send resume & salary requirements
to Personnel Department

LONG ISLAND

JEWISH HOSPITAL

New Hyde Park

New York 11040

EXCITING OPPORTUNITIES

SUPERVISORY RESEARCH PHYSICAL SCIENTIST

—\$15,841 through \$19,009

RESEARCH PHYSICIST (NUCLEAR PHYSICS)

—\$13,507 through \$16,207

FUNCTIONS: Work consists of conducting radiation exposure studies in the Army Pulse Radiation Facility which contains a fast pulsed reactor of advanced performance. This facility was constructed for the purpose of evaluating the effects of high intensity radiation in the performance of broad programs of Army interest. The facility will provide all East Coast Defense Activities and Defense Contractors with a means of studying nuclear radiation effects. The work will also include research in basic problems in radiation effects. This will involve the use of optical and electron paramagnetic resonance spectroscopy. Advanced research equipment for data acquisition and data processing will be available.

QUALIFICATIONS: SUPERVISORY RESEARCH PHYSICAL SCIENTIST—Ph.D. degree in physical science plus 5 years' experience. Must have demonstrated ability in physical science as exemplified by publications in first-rate scientific journals. Applicant must have demonstrated capacity for technical management and leadership of a small group of highly qualified scientists, engineers or technicians. RESEARCH PHYSICIST (NUCLEAR PHYSICS)—Must have Ph.D. degree in nuclear or solid state physics from a recognized college or university with a strong nuclear physics program, plus 2 years' experience. **APPLICATIONS:** Standard Form 57, which may be obtained from any Post Office or Federal Agency, should be forwarded to Chief, Personnel Resources, Civilian Personnel Division, Aberdeen Proving Ground, Maryland 21005.

AN EQUAL OPPORTUNITY EMPLOYER
US CITIZENSHIP REQUIRED

**Career
opportunities
in the
COMPUTER
SCIENCES
are available
for graduate
mathematicians,
engineers and
physicists.**

A variety of openings exist on IIT Research Institute's professional staff in such fields as programming system development, automatically programmed tools (APT), graphical input-output research and development on software and hardware, scientific computer applications, operations research, and statistics. Members of the professional staff enjoy excellent salary and fringe benefits (including tuition-paid study for advanced degrees) and the constant challenge of exciting work.

IIT Research Institute is an independent, contract research organization serving industry and government. Its activities encompass nearly all of the physical and biological sciences and their related technologies.

If you have a strong interest and capability in computer science and technology, please communicate in confidence with Mr. Eugene C. Nifenecker.

**IITRI IIT
Research
Institute**

10 West 35th Street, Chicago, Ill. 60616
An Equal Opportunity Employer M/F

Research Coordinator— Applied Mechanics

Naval Ship Research and Development Center on the Waterfront at Annapolis, Maryland

**Starting salary \$15,841
(GS-14) or \$18,404 (GS-15)
with periodic increases.**

Responsible for coordinating developmental research in the area of applied mechanics, i.e., thermodynamics, hydrodynamics, machinery dynamics and theoretical engineering reliability. Will be principal consultant and recognized authority for the laboratory in this field.

Background and experience must reflect a strong technical knowledge of stress analysis, fluid mechanics, dynamics of machinery and energy conversion. Ph.D. in one of above fields desirable. Should be of national or international scientific stature.

Career Civil Service position with full benefits. All qualified applicants will receive consideration without regard to race, color or national origin. Relocation expenses paid.

Send resume or SF-57 before March 31 to: Employment Office, Annapolis Division, Naval Ship Research and Development Center, Annapolis, Maryland 21402.

UNIVERSITY OF GUELPH

The University of Guelph wishes to appoint a Director of the Institute of Biomedical Research. The Institute is now in the planning stage, and the early appointment of the Director is desirable so that he can participate in all aspects of planning. The Institute, under the administration of the University of Guelph, is intended to serve the biological and medical sciences at Guelph and at the other Universities in Ontario.

The Institute will provide facilities for the production of laboratory animals and for an active educational program in laboratory animal medicine and technology. The director will be expected to initiate and stimulate research and educational programs in comparative medicine.

The Director will be a member of the faculty of the University of Guelph with an academic appointment in an appropriate department.

Applicants must have advanced training in biological and medical science and, preferably, considerable experience in comparative medicine.

Applications and enquiries should be addressed to the Associate Dean (Research), Ontario Veterinary College, University of Guelph, Guelph, Ontario, Canada.

POSITIONS OPEN

WANTED EXPERIENCED CLINICAL CHEMIST TO JOIN EXPANDING INDEPENDENT MEDICAL LABORATORY IN BOSTON.

Ph.D. desirable but not essential. Research opportunities available. Academic affiliations possible. Write, *Confidential*, to **Dir., Leary Laboratory**, 43 Bay State Road, Boston, Mass. 02215.

MATHEMATICIAN-PHYSICIST: This position requires a recent Ph.D. graduate with a strong interest in bioengineering research. Responsibilities will include analyzing experimental data to produce mathematical models of injury to living systems and designing experiments involving living systems. Our group is a combination of life and physical scientists and engineers. If your interests match ours, please call collect for Dr. Ralph Allen, Division Manager, at (512) 824-7373 or mail your resume to: **Life Sciences Division, Technology Incorporated**, 8531 N. New Braunfels Avenue, San Antonio, Texas. An equal opportunity employer.

R&D

Rohm and Haas Company, a major U.S. manufacturer of

CHEMICALS PLASTICS FIBERS PHARMACEUTICALS

needs scientists at Ph.D. level in organic, physical and analytical chemistry, biochemistry, pharmacology, agricultural sciences, and chemical engineering, for positions with strong future advancement possibilities in

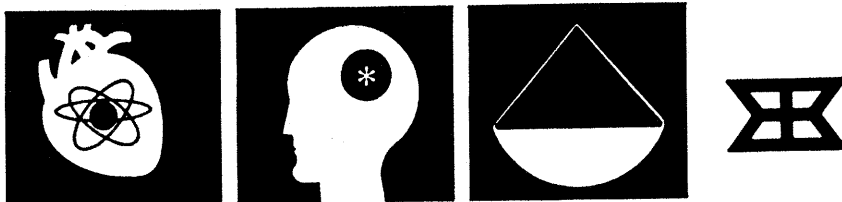
RESEARCH AND DEVELOPMENT

Philadelphia headquarters. All company research is conducted at laboratories in metropolitan and suburban Philadelphia; some pharmaceutical research at subsidiary company in Columbus, Ohio.

Send background information including education, experience and salary history, to Professional Employment Department No. 1168.

**ROHM
AND
HAAS** 
PHILADELPHIA, PENNSYLVANIA 19105

-an equal opportunity employer-



BIOSTATISTICIAN

A growth rate of 500% in 10 years creates, of necessity, very unusual circumstances for new opportunity and challenge. This new position at Baxter Laboratories is just that—a ground floor opportunity with one of the leaders in the pharmaceutical field.

Responsibilities will include consultation with scientists in Pharmacology, Pharmacy, Chemistry, Biomedical Engineering, Quality Control, and Clinical Research. The successful candidate must be trained at the Ph.D. level in Biostatistics or Statistics with some exposure to the life sciences. A complete computer system is available.

The salary for the above position will be commensurate with qualifications. This is an unusual opportunity to join one of the industry's leading growth companies with an excellent compensation and fringe benefit program. Relocation expenses paid.

Please send complete resume to: **RICHARD HAMILL, Ph.D.**
Research & Development



BAXTER LABORATORIES, INC.
Morton Grove, Illinois 60053

—AN EQUAL OPPORTUNITY EMPLOYER—

Assistant Director, Division of Professional Education \$14,225 - \$16,875

(A general salary increase is expected this year.)

Position with broad range of responsibilities and outstanding opportunity for contacts with all of the licensed professions. Incumbent works with the Director in providing consultative and supervisor services for institutions involved in the education of the licensed professions; advises these institutions on improving programs and makes recommendations regarding registration of programs leading to licensure. He also helps maintain liaison with the other professional and educational organizations and participates in the coordination of the activities of advisory councils and boards of examiners. Position requires a master's degree and appropriate and extensive experience in a four year college or university granting the bachelor's or higher degrees. Doctoral degree preferred. Excellent non-contributory retirement plan, professional development leave programs and health insurance. Application may be made by resume. Submit resume to: **Division of Personnel, State Education Department, Albany, New York 12224.**

VIROLOGIST

Minimum requirements: B.S. in Microbiology or equivalent plus graduate level virology courses. Should have three to five years of strong virology and tissue culture experience, preferably in diagnostic virology. Knowledge of preparation of viral diagnostic antigens and antisera would be ideal. High level position with possibility of advancement to Chief Technician or department head. Career opportunity. Salary open. Send resume in confidence to Mrs. Norma Forkl, Personnel Department, Grand Island Biological Co., P. O. Box 68, Grand Island, New York 14072.

An equal opportunity employer

M.S./Ph.D. IN PHYSIOLOGY

Career teaching position open in September. Phone or write Dean Charles W. Blisitt, St. Louis College of Pharmacy, 4588 Parkview Place, St. Louis, Missouri 63110.

BIOCHEMIST

"Our research staff needs someone experienced in connective tissue physiology"

Director of Research
Staffing, Schering.

"Working with this international pharmaceutical company you will have an opportunity to join research with humanitarian goals and to associate with top-level people in a pleasant, professional climate. Your qualifications should include an M.S. or equivalent with particular emphasis on endocrinology and metabolism. Company benefits include comprehensive group insurance, retirement and profit-sharing plans, and tuition refund. If this is the type of opportunity you are looking for, send your resume to The Director of Research Staffing at:"

Schering Corp.

60 Orange St., Bloomfield, N.J. 07003
An Equal Opportunity Employer



Chair of Physics

Applications are invited for a newly instituted chair of physics at the Institute of Physics, University of Aarhus.

The successful candidate will be expected to undertake research and teaching in an area of modern experimental physics. Candidates with qualifications in a research field between atomic physics and chemistry (e.g. solid state physics) will be preferred.

The present maximum salary is Danish kroner 86,989.—per annum, after 3 years' employment increasing to Danish kroner 89,903.—per annum.

Applications should be addressed to **Bestyrelsen for Aarhus Universitet** (Board of Directors, University of Aarhus) and should reach the University Administration, Nordre Ringgade 1, 8000 Aarhus C, Denmark, not later than April 1, 1968.

Further particulars may be obtained from the **Institute of Physics, University of Aarhus, 8000 Aarhus C, Denmark**, tel. (06) 12 88 99.

POSITIONS OPEN

SCIENTIFIC INFORMATION OFFICER ROME, ITALY

The Food and Agriculture Organization of the United Nations (FAO) urgently needs a SCIENTIFIC INFORMATION OFFICER (CROP PROTECTION) Grade P-2, in Rome.

The duties are:

- Prepare, edit and arrange material for the FAO Plant Protection Bulletin;
- Assist in the direction and operation of a pesticide information storage and retrieval service, and
- Review documentation relating to current developments in crop protection.

Candidates must have:

- University degree in chemistry and biology or agriculture;
- At least 3 years' experience related to crop protection and preparation of papers for publications;
- Good knowledge of either English, French or Spanish;
- Ability to write in clear and concise English.

Salary—gross starting salary is US \$9,050 to a maximum of \$12,150 or (net salary \$7,287 to \$9,505) plus allowances and fringe benefits.

Please send a brief resume to Chief, Recruitment Section, FAO, Via delle Terme di Caracalla, Rome, Italy, citing reference VA.1536 not later than 30 March 1968. Qualified candidates will be sent application forms and details. VA.1536/SCI.

University of Toronto Research in Surgical Adhesives

Applications are invited for a Scientist to set up a research project in surgical adhesives at the Institute of Bio-Medical Electronics, University of Toronto. The work would be carried on in co-operation with a Materials Science Group in the Faculty of Applied Science and Engineering, and with other Departments in the University. Academic appointment at Associate Professor or Assistant Professor level. Applications should be directed to the Director of the Institute of Bio-Medical Electronics.

UNIVERSITY OF MANITOBA, WINNIPEG, CANADA, DEPARTMENT OF BOTANY

Two positions are available for persons with interests in any of the following fields: GENETICS; PHYCOLOGY; TAXONOMY AND ECOLOGY. Salary floors: Assistant Professor \$9,300; Associate Professor \$12,000; Professor \$15,700. The appointment commences September 1, 1968 or by arrangement. Salary will be based on the qualifications and experience of the applicant. Applications, giving full particulars, should be addressed to Professor E. R. Waygood.

GRADUATE STUDY

Bowling Green University, Department of Biology, welcomes applications for Post Masters Fellowships (no service required) at \$2400/year* and Teaching Fellowships at \$2000 to \$3000/year.* Reply to Dr. Irwin Oster, Department of Biology, Bowling Green University, Bowling Green, Ohio 43402.

* Plus waiver of fees.

UNIVERSITY OF MIAMI

Predoctoral Assistantships in Biochemistry

Predocral assistantships, providing adequate stipends and free tuition, are available for training and research in biochemistry, leading to the degree of Ph.D. Enquiries, for the September 1968 enrollment, should be sent to Dr. W. J. Whelan, Chairman, Department of Biochemistry, University of Miami School of Medicine, P.O. Box 875, Biscayne Annex, Miami, Florida 33152.

GRADUATE STUDY

PREDOCTORAL AND POSTDOCTORAL TRAINING IN BIOENGINEERING

Opportunities for predoctoral students, Ph.D.'s and M.D.'s for advanced training with a research group. Biological control systems, visual-motor coordination, pupil light reflex, retinal light detection, neuro-physiology, artificial intelligence, and computer science. Training programs leading to the Ph.D. in physiology. Life science, physical science, mathematics or engineering backgrounds with "B" average required. Assistantships and traineeships from \$2400 and up. Information Engineering Dept., Room 2431 UH, University of Illinois at Chicago Circle, Box 4348, Chicago, Illinois 60680.

**TRAINING PROGRAM IN
EXPERIMENTAL ORGANISMIC BIOLOGY**
PRE- and POST-DOCTORAL STIPENDS are offered in Biology and Psychology in an interdepartmental program. Pre-doctoral stipends include tuition remission. Facilities are available for work in cellular physiology and biochemistry, neurophysiology, ultrastructure and experimental psychology. Emphasis is placed on work with marine and freshwater invertebrates. For further information write: Dr. W. H. Evoy, Laboratory for Quantitative Biology, University of Miami, Coral Gables, Florida 33124.

RESEARCH ASSISTANTSHIPS IN PHYSIOLOGY

Applications are invited for Research Assistantships from qualified students wishing to work towards the M.Sc. or Ph.D. degrees. Stipend range \$3,000-\$3,600 p.a. Write for further information to: Dr. D. H. Copp, Head, Department of Physiology, University of British Columbia, Vancouver 8, B.C., Canada.

RADIOLOGICAL HEALTH TRAINEESHIPS

Graduate program leading to M.S. degree. Financial support includes full tuition, fees, tax-free stipend from \$3,000 to \$4,800 per year, depending on background, and a dependency allowance of \$500 per year per dependent. For further information, write to Dr. H. Cember, Technological Institute, Northwestern University, Evanston, Illinois 60201

The Market Place

BOOKS • SERVICES • SUPPLIES • EQUIPMENT

AUTHORS WANTED BY NEW YORK PUBLISHER

Your book can be published, promoted, distributed by a reliable company on a subsidized basis. Fiction, non-fiction, poetry, scholarly, scientific and even controversial manuscripts welcomed. For Free Booklet write Vantage Press, Dept. SC, 120 W. 31 St., New York 10001.

HISTOLOGY SERVICE

RAPID SERVICE Large Orders Quickly Processed! Quickly Shipped! Professional supervision of every order. Free estimates on special problems. Distant points serviced swiftly. Special stains and techniques available. Full protected shipments. HISTOLOGY SERVICE, INC. 4801 N. Broad St., Philadelphia, Pa. Zipcode 19141. (215) DAvenport 4-5800.

TRACE ELEMENT PROBLEMS?

Contact Activation Analysis Service, Dept. A-234, Gulf General Atomic Incorporated, P.O. Box 608, San Diego, California 92112. Or phone collect 714/453-1000, Ext. 421.

1919 - 1968

LaMotte Chemical

Chestertown, Maryland, U.S.A.

Specialists in

Colorimetric Techniques

Reagents-Standards-Comparators

Send for illustrated Controls Handbook

Dept. H

CHEMTREE

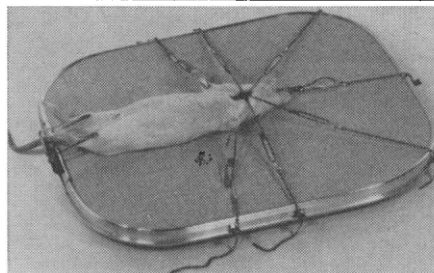


SPECIAL NUCLEAR SHIELDING

CHEMTREE CORPORATION
Central Valley, N.Y.
914-928-2293

• HYPOPHYSECTOMIZED RATS

Shipped to all points via Air Express
For further information write
HORMONE ASSAY LABORATORIES, INC.
8159 South Spaulding Ave., Chicago 29, Ill.



PATENTED

ANIMAL SURGICAL APPARATUS

Specifically designed for research and teaching. Included are stainless steel holders and retractors. Available in sizes for **MOUSE, RAT, HAMSTER, GUINEA PIG, FROG** and other animals.

Write For Descriptive Literature and Prices:

Brookline Surgical Specialties

WESTFORD, MASSACHUSETTS 01886 U.S.A.

HIGH REJECTION INTERFERENCE FILTERS

also

- FUSED SILICA LENSES
- ARC LAMP SOURCES
- LASER COMPONENTS
- SPECTRAL LAMPS
- MONOCHROMATORS
- PHOTOMETERS

WRITE FOR OUR



CATALOG NO. 23

ORIEL OPTICS CORPORATION

1 MARKET ST., STAMFORD, CONN. 06902
Area Code 203-348-4247

SPECIAL LIGHT SOURCES

- Mercury Point Sources
- Raymaster Blacklight (long and short wave ultraviolet)
- Sodium Vapor
- Mercury Vapor
- Zirconium Xenon Deuterium and Hydrogen Arc Lamps
- Imported Spectral Lamps
- Photochemical or High Intensity "Uviarcs"
- Auxiliary Operating Equipment for above

WRITE FOR FREE CATALOG OR CONTACT
YOUR LABORATORY SUPPLY DEALER



GATES

GEORGE W. GATES & CO.
LUCILLE AVE. FRANKLIN SQUARE, L.I., N.Y.