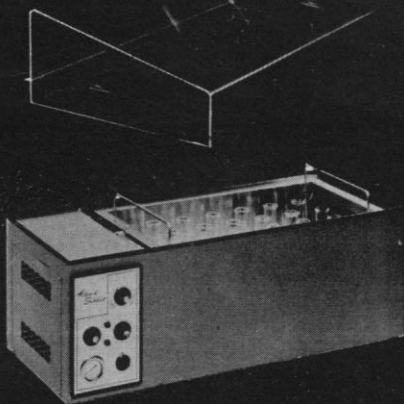


HOOD A SHAKER BATH



... HAVE AN INCUBATOR!

Our specially designed acrylic plastic hood converts Shaker Bath Model 604500 instantly into an ambient to 60°C dry heat incubator. Heating elements are safely located beneath the bath floor. Adjustable thermostat control, automatic safety thermostat, stainless steel interior and exterior construction and remote bulb thermometer are also included. Stainless steel gassing hood is optional. Hotpack Corporation, 5086 Cottman Ave., Phila., Pa. 19135.



WHERE QUALITY COUNTS

Circle No. 95 on Readers' Service Card

Glucocorticoid Binding Studies

High specific activity,
tritiated steroids for
sensitive measurements
of glucocorticoid binding.

Dexamethasone [1, 2, 4-³H(N)] NET-415
30-50Ci/mmol \$45/250μCi \$85/1mCi \$320/5mCi
Prednisolone [6, 7-³H(N)] NET-406
40-60Ci/mmol \$47/250μCi \$90/1mCi \$350/5mCi
Corticosterone [1, 2-³H(N)] NET-182
40-60Ci/mmol \$32/250μCi \$72/1mCi \$215/5mCi
Corticosterone [1, 2, 6, 7-³H(N)] NET-399
80-105Ci/mmol \$43/250μCi \$85/1mCi \$235/5mCi
Hydrocortisone [1, 2-³H(N)] NET-185
40-60Ci/mmol \$32/250μCi \$72/1mCi \$215/5mCi
Hydrocortisone [1, 2, 6, 7-³H(N)] NET-396
80-100Ci/mmol \$43/250μCi \$85/1mCi \$235/5mCi
Packaging: Benzene:ethanol solution, 9:1, in combi-vial.

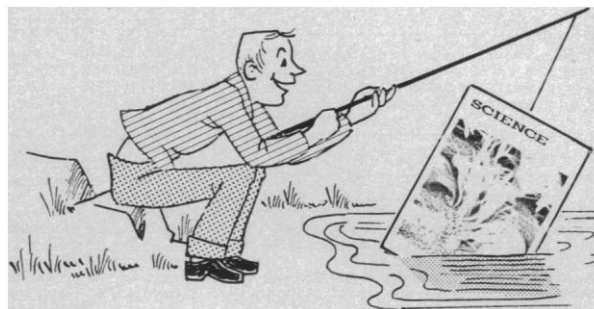
NEN New England Nuclear

575 Albany Street, Boston, Mass. 02118
Customer service 617-482-9595

NEN Canada Ltd., Dorval, Quebec; NEN Chemicals GmbH, Dreieichenhain, Germany.

Circle No. 94 on Readers' Service Card

Fishing around for gift ideas?



Why not give

SCIENCE — the weekly magazine of research?

- ☐ \$16 USA ☐ \$18 Canada, PUAS ☐ \$19 Foreign
☐ \$32 Airlift, available for Europe, North Africa, Near East.

(PLEASE PRINT to ensure accuracy.)

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
1515 Massachusetts Avenue, N.W., Washington, D. C. 20005

☐ Please enter the following gift subscriptions:

Recipient

Name

Address

City

State

Zip

☐ Send gift card and sign

Recipient

Name

Address

City

State

Zip

☐ Send gift card and sign

☐ Check here to enter (or extend) your own subscription.

☐ New

☐ Renewal (attach Science label)

Name

Address

City

State

Zip

☐ I enclose \$_____ for _____ subscriptions.

☐ Bill me \$_____ for _____ subscriptions.

Signature

323

Personnel Placement

POSITIONS WANTED

Biochemist/Microbiologist (Immunology), Ph.D. Expertise: humoral aspects of tumor immunology. Broad background includes virology, tissue culture, analytical and biophysical methods. Box 162, SCIENCE. X

Biomedical Area—Research and teaching. Ph.D. Strong basic background in microscopic anatomy; embryology; and biomedical instrumentation—electron microscopy, transmission and scanning, microprobe, and so forth. Research specialization in ultrafine structure cardiovascular area. Numerous publications. Box 163, SCIENCE. X

Excellent, Energetic Biologist. Ph.D. (genetics, 1965), 37, 10 years' full-time university, 5 years' other professional experience. Postdoctoral (human genetics). Special interest experimental teaching, curriculum development. Desires position commensurate with experience in department seeking new approaches to undergraduate education. 2266 Lake Circle, Jackson, Mississippi 39211. 3/23

Histologist/Experimental Hematologist, Ph.D. Seeks challenging teaching/research or creative research position. Research interests—humoral regulation of normal and leukemic hemopoiesis, stem cell kinetics, in vitro and in vivo hemopoietic colony regulation. Teaching experience—histology, experimental hematology, comparative hematology. 20+ publications. Box 141, SCIENCE. 3/23, 30; 4/6, 13

Organic Chemist with 18 years' association with cancer research and extensive experience in hydrocarbon metabolism work seeks change to a cancer institute. Box 127, SCIENCE. 3/23

Ph.D. Physicist, Fellow Phys. Soc., with fine research accomplishments (experimental). Teaching experience at university level. At present with major industrial laboratory. Seeks position with 4-year college where he can participate in, upgrade, or set up a good physics or science-mathematics program. Some management experience. Box 67, SCIENCE. 3/23, 30; 4/6

Physicist, Ph.D., 1971. Research with NASA. Teaching experience interdisciplinary curriculum development at elementary, secondary levels. Scientific publications. Presently engaged in math education research at major university. Seeks academic position: teaching, curriculum innovation, research in science/math education. Box 149, SCIENCE. 3/23

Physicist, Ph.D. Experimental nuclear physics; strong biological interest. Experience in vivo radiopharmaceutical dynamics, radiation physics, animal surgery, nuclear medicine, isotope production, computers, electronics, taught all physics majors courses. Seeks medically related position in academic environment. Box 129, SCIENCE. X

Ph.D. Virology-Immunology; B.S., M.S. bacteriology (biochemistry-statistics); desires teaching and/or research position. Box 164, SCIENCE. X

POSITIONS OPEN

ASSISTANT PROFESSOR, DEPARTMENT OF BIOCHEMISTRY, University of California, Riverside Campus. Ph.D. in Biochemistry required plus research experience and interests in an area of molecular biology related to systems involving higher animals. Duties include teaching of biochemistry at the undergraduate and graduate levels and supervision of graduate student dissertation research. Eleven-month appointment at a salary of approximately \$14,400 per year. The University of California is an Equal Opportunity Employer. Write to **R. T. Wedding, Chairman, Department of Biochemistry**, University of California, Riverside, Calif. 92502.

ASSISTANT PROFESSOR OF BIOCHEMISTRY With background and interests to support a developing program in the Chemistry of Behavior. Send résumé, three references, and statement of research interests to **Dr. W. B. Smith, Department of Chemistry**, Texas Christian University, Fort Worth, Texas 76129. TCU is an affirmative action/equal opportunity employer.

POSITIONS OPEN

ASSISTANT OR ASSOCIATE PROFESSOR (Biochemistry) depending upon qualifications, required for the fall 1973. Applicants should possess a Ph.D. degree and have research experience. Position will require teaching at both the undergraduate and graduate level, as well as the establishment of a research program. Departmental research interests are presently in periodontal and glandular tissues, secretory phenomenon, metabolism of oral microflora, enzyme regulation, bone biosynthesis and metabolism. Preference will be given to candidates with a dental degree in addition to a Ph.D.

For further information write: **Head, Department of Oral Biology, Faculty of Dentistry, University of Manitoba, Winnipeg, Manitoba, R3E 0W3, Canada.**

ASSISTANT PROFESSOR OF BIOLOGY—Ph.D. Position available 1 September 1973 for teaching and research at undergraduate and graduate levels, including supervision of Ph.D. dissertations. Applicants should submit a curriculum vitae, reprints, a statement of teaching and research interests, and the names of three references by 1 April 1973 to **Search Committee, Biology Department, Lehigh University, Bethlehem, Pa. 18015**. Applications from women and members of disadvantaged minority groups are encouraged.

Assistant Professorship in Chemistry beginning fall 1973. Emphasis on both research and teaching. Preference for applications of magnetic resonance in research. Further information from **Faul Haake, Department of Chemistry, Wesleyan University, Middletown, Connecticut 06457**. An equal opportunity, affirmative action employer.

ASSISTANT PROFESSOR

Position available 1 July 1973 in the Department of Dermatology, University of Michigan Medical School. Candidate must be Board eligible or Board certified. Desire an academically oriented dermatologist who will be required to teach and who will have patient care and research responsibilities. Code #200J. Send résumé to **Box 158, SCIENCE**. A Nondiscriminatory Affirmative Action Employer.

ASSISTANT PROFESSOR, MICROBIOLOGIST in Department of Biology, for 15 August 1973. Ph.D., specialization in microbial physiology desired, duties to include teaching of General Bacteriology and development of advanced courses in field. Submit curriculum vitae, transcripts, three letters of recommendation, and photo to **B. L. Monroe, Chairman, Department of Biology, University of Louisville, Louisville, Kentucky 40208**. An equal opportunity, affirmative action employer.

ASSISTANT PROFESSOR

Position available in the Department of Obstetrics & Gynecology, University of Michigan Medical School. Candidate must have a Ph.D. in Mammalian Reproductive Physiology. Must be experienced in endocrine surgical procedures in mammalian fetuses in utero and able to conduct independent research. Must be able to develop Ph.D. training programs and to participate in teaching programs for medical students and house staff. Send résumé to **Box 159, SCIENCE**. A Nondiscriminatory Affirmative Action Employer.

ASSISTANT or ASSOCIATE PROFESSOR

Position available immediately in the Department of Neurology, University of Michigan Medical School. Candidate must have M.D. degree, postdoctoral training in clinical neurology, be certified in neurology by the American Board of Psychiatry and Neurology, and have experience as a clinician, teacher and investigator. Code #200J. Send résumé to **Box 160, SCIENCE**. A Nondiscriminatory Affirmative Action Employer.

ASSISTANT PROFESSOR OF PATHOLOGY

University of California, San Francisco. Beginning 1 July 1973 or later. Excellent opportunity for M.D. with training in anatomic pathology and skilled in electron microscopy. Prefer candidate with strong teaching and research interests. Will direct EM unit (two technicians, Siemens 1A electron microscope), examine biopsy specimens, perform independent research, participate in teaching pathology to undergraduate students. Applicants requested to submit curriculum vitae by 15 April 1973 to: **Chairman, Department of Pathology, The University of California, San Francisco, California 94122** (a Nondiscriminatory Affirmative Action Employer).

BIOCHEMICAL ENDOCRINOLOGIST, BOTANIST, MEMBRANE BIOCHEMIST. Permanent faculty positions open fall 1973 for persons interested in teaching one class per semester and showing promise in independent research. Unusual opportunities for quality researchers in large, young faculty that is in new building and has had NSF Development Award. Postdoctoral experience required. An equal opportunity employer. Send résumé, doctoral transcript, references to **Dr. L. Evans Roth, Division of Biology, Kansas State University, Manhattan, Kansas 66506**.

POSITIONS OPEN

BIOCHEMIST Ph.D.

Biochemist experienced in protein and glycoprotein fractionation. Candidates should have proficiency with various fractionation techniques, GLC, and be able to lead group efforts. Interested candidates send curriculum vitae, references, and publications to:

**Dr. B. Mackler
Lifton Bionetics, Inc.
7300 Pearl Street
Bethesda, Md. 20014**

DEPARTMENT OF BIOLOGY HARVARD UNIVERSITY

Prior to 1 July 1974 this department expects to make an appointment at the assistant professor level. The field in which the appointment will be made is animal cell biology. The University is an equal opportunity employer; women and members of minority groups are specifically encouraged to apply. Please have three professional persons write us concerning you, and send your résumé, together with your most significant publications, to **Cell Biology Search Committee, Biological Laboratories, Harvard University, 16 Divinity Avenue, Cambridge, Massachusetts 02138**.

CHAIRMAN FOR MICROBIOLOGY DEPARTMENT

Young vigorous applicants are encouraged to apply. Specialization in immunology is required. Rank and salary depend on qualifications and experience. Department offers B.A., M.A., and Ph.D. degrees. Appointment is effective September 1973. Applications including curriculum vitae, transcripts, and three letters of recommendation should be sent to **Dr. Charles M. Vaughn, Chairman, Search Committee, Department of Zoology, 282 Upham Hall, Miami University, Oxford, Ohio 45056**. An Equal Opportunity Employer.

UNIVERSITY OF KENTUCKY CHAIRMAN, DEPARTMENT OF BIOCHEMISTRY

Applications or nominations are invited for Chairman and Professor, Department of Biochemistry, University of Kentucky College of Medicine, Lexington. Candidates should be outstanding biochemists with nationally recognized excellence in research plus a commitment to teaching both medical and graduate students.

Deadline for receipt of applications is 1 April 1973. Send curriculum vitae and a list of three references to: **Dr. John J. Hutton, Department of Medicine, University of Kentucky, Lexington, Kentucky 40506**. An Equal Opportunity Employer.

CHIEF SCIENTIST (BIOLOGY)

Biological Survey, New York State Museum and Science Service. Has responsibility for administration, guidance, and coordination of research and advisory services in the broad areas of botany, entomology and zoology. Conducts personal research in his/her particular discipline. A specialization in forest entomology or forest biology would be preferred. Competitive salary, excellent benefits. Send résumé to **Mr. George Delamar, Box 1, Personnel, State Education Department, Albany, New York 12244**. An Equal Opportunity Employer.

DIRECTOR, INSTITUTE OF PUBLIC POLICY STUDIES, University of Michigan, Ann Arbor. The Institute is an interdisciplinary research center with responsibility for graduate programs in public policy and administration. Professional staff and curriculum are drawn primarily from economics, political science, management sciences, and law. Director is chief executive officer for both research and teaching activities. Director must have demonstrated outstanding competence in research, must be prepared to teach in graduate program, and must have strong administrative capability. Experience in government or in policy research desirable. Additional appointment in academic department is expected. Salary commensurate with experience. The University of Michigan is a nondiscriminatory affirmative action employer. Send résumé to **Donald E. Stokes, Dean, Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, Michigan 48104**.

DIRECTOR OF ADMINISTRATION

The Learning Research and Development Center of the University of Pittsburgh, an institute conducting research, development, evaluation and graduate training related to the learning and psychological development of young children, is seeking a director of administration. Functions include fiscal management and planning, management of personnel and technical services, and liaison with funding agencies and other educational R & D organizations. The director may conduct independent R & D work within the Center and may hold a faculty appointment within the University. Principal requirement is demonstrated ability as a research administrator; salary dependent upon qualifications.

Send curriculum vitae and letter stating availability to **Dr. Robert Glaser, LRDC, University of Pittsburgh, Pittsburgh, Pa. 15213**. An Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

MINNESOTA GEOLOGICAL SURVEY

The position of *Director* of the Minnesota Geological Survey will be available in the summer of 1973. The Director will be responsible for providing an active, modern program of basic and applied geological research, geological service, and geological education for the people of Minnesota. Candidates should hold a Ph.D. in geology or related field and have several years of professional geological experience. The position carries a professional appointment in the Department of Geology and Geophysics of the University of Minnesota, with modest teaching responsibilities. Interested persons should send résumé and names and addresses of three references to **H. E. Wright, Department of Geology and Geophysics, University of Minnesota, Minneapolis, Minn. 55455**. The University of Minnesota is an equal opportunity employer.

JUNIOR SCIENCE WRITER

with training in nutrition, or allied fields, to translate technical resource material for lay audiences, to interpret nutrition research to educational-health professional communities, trade press, to edit other material for related interpretation pieces. Should have sound background with a degree in nutrition, journalism, or communications. Writing experience required. Full fringe benefits. Salary competitive. Send résumé to:

**Executive Assistant
National Dairy Council
111 North Canal Street
Chicago, Illinois 60654**

ELECTRON MICROSCOPIST

Faculty position open in Department of Microbiology, Mount Sinai School of Medicine of the City University of New York, for independent investigator to direct research and teaching in relation to bacterial or viral ultrastructure. Academic rank and salary will depend on qualification. Only written communications including curriculum vitae and bibliography will be considered. Address to **Dr. E. D. Kilbourne, 10 East 102 Street, New York, New York 10029**. An equal opportunity employer

DIRECTOR OF MEDICAL TECHNOLOGY/ MEDICAL SCIENCES ADVISOR

Administration of established program including liaison with cooperating hospitals plus advising of preprofessional students in medical sciences. A graduate degree in biology or health-related science is required. Send résumé and inquiries to **Dean Loew, College of Arts and Sciences, Western Michigan University, Kalamazoo, Michigan 49001**.

SCHOOL OF BASIC MEDICAL SCIENCES UNIVERSITY OF ILLINOIS, URBANA

Three new positions in **GROSS ANATOMY, NEUROANATOMY, and MICROSCOPIC ANATOMY** are available either September 1973 or 1974 for one senior person and two junior persons. The curriculum is unique and innovative, requiring close cooperation between campus faculty and community physicians. Applicants must have demonstrated outstanding research potential with research interests related to medical sciences and must be competitive for research funding at the national level. Equal opportunities exist for qualified women and minority group members. Deadline date for applications is 3 weeks from publication of this notice. Send applications, including curriculum vitae, publication list, reprints, and at least three letters of recommendation to the **Chairman of the Search Committee, Dr. Ray L. Watterson, Department of Zoology, University of Illinois, Urbana, Illinois 61801**, who will be available for interviews at the meeting of the American Association of Anatomists 8 through 12 April.

LABORATORY VETERINARIAN

Applications are invited for the position of Laboratory Veterinarian at the UT-AEC Agricultural Research Laboratory. The principal duties are to provide veterinary care for experimental animals (principally swine and cattle) used in research, to perform surgical procedures in support of research programs, and to serve as drug control officer for the Laboratory. Minimal requirements are a degree in Veterinary Medicine from an approved school and eligibility for licensure in Tennessee. The position will carry faculty rank at the University of Tennessee. This rank and salary are negotiable. Inquiries should be sent to **Dr. T. R. Noonan, Coordinator of Animal Research, 1299 Bethel Valley Road, Oak Ridge, Tennessee 37830**. The University of Tennessee is an affirmative action employer.

Clinical Research Assistant

to assist in: designing, monitoring & evaluating clinical studies; preparation of new drug submissions to the F.D.A.

B.S. in Biological science plus 1-3 years' experience in clinical research and/or regulatory affairs. Must be able to communicate with important physicians. Excellent salary.

Qualified applicants please forward résumé with salary history to: **John A. Chaya, Manager Employment**.

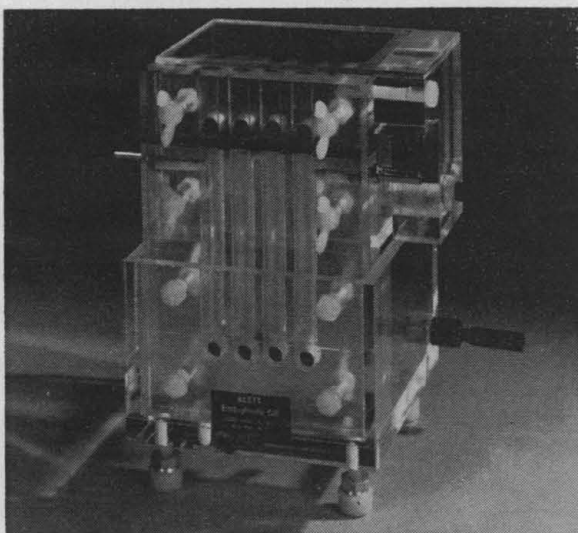


ORTHO DIAGNOSTICS

Route 202, Raritan, N.J. 08869
(A Johnson & Johnson Co.)

an equal opportunity
and affirmative action employer

New From Klett 4 Vertical Gel Electrophoresis Cells



FEATURES

- * Transparent lucite body.
- * Full view of gel columns during preparation.
- * Full view of dye front.
- * All safety features.
- * Precision ground channels.
- * Leveling legs.
- * Rapid, simple and complete removable of gel columns with spatula.

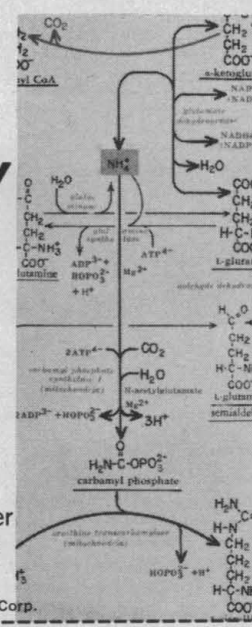
Klett Manufacturing Co., Inc.
179 E. 87th Street, New York, N. Y. 10028

P-L Biochemicals, Inc., proudly announces publication of the latest edition of the INTERMEDIARY METABOLISM CHARTS*

H. J. Sallach, Ph.D., Author

- Thoroughly up-dated and revised
- New sections added
- Expanded new 4-chart format (each 23" x 34")
Chart section shown one-half size.
- New spiral binding and wall hanger
- High quality 5-color reproduction on heavy-duty paper

*Formerly published by Gilson Medical Electronics Corp.



- ☐ Please send _____ sets of charts @ \$3.75 each (less 25% for 25 sets or more). Enclosed find \$_____. (Check or money order only; Do not send cash)
- ☐ Please send additional information.

Name _____
Street _____
City _____ State _____ Zip _____

P.L. biochemicals, inc.
P. O. Box 4606, Chicago, Illinois 60680, U.S.A.

POSITIONS OPEN

BioOrganic CHEMIST/ Biochemist Pharmacologist

We seek a Ph.D. with experience in chronic toxicity testing to provide chemical/biological interface for a large information retrieval system; should have potential to develop new carcinogenic assay methods.

The successful candidate must be able to communicate effectively about organic chemical structure and nomenclature; interpret chronic toxicity testing experiments and correlate results. Familiarity with large computer systems desirable.

SRI is an independent contract research organization performing research in a variety of fields. Excellent benefits are available. We are an equal opportunity employer. Please send résumé with salary history to Ms. Harriet B. Wherry, Personnel Coordinator. . .



**STANFORD
RESEARCH
INSTITUTE**

333 Ravenswood Ave.
Menlo Park CA 94025

LECTURER POSITION AVAILABLE

Position of Biology Laboratory Lecturer is open for 1 August 1973. Successful candidates will assume full responsibility for the undergraduate core laboratories. Candidates must have at least an M.S. in Biology, with training in Ecology, Physiology, Development, Genetics, and Biochemistry. Teaching experience is desirable. Salary to \$10,000, and appointment is renewable on a year-to-year basis. Send curriculum vitae to:

Neil E. Welker
Department of Biological Sciences
Northwestern University
Evanston, Illinois 60201

An Equal Opportunity Employer

PHARMACOLOGIST BIOCHEMIST

Excellent career positions in the areas of lipid metabolism, atherosclerosis and cardiovascular pharmacology.

We are seeking 2 highly motivated scientists with a Ph.D. in Pharmacology, Biochemistry, Physiology, or allied sciences to participate in expanding research projects directed to the treatment of cardiovascular diseases.

We offer comprehensive fringe benefits, good growth potential and competitive salaries in a desirable New York City suburban location.

Send complete résumé, including salary history and requirements, in confidence, to Mr. C. L. Hill.



LEDERLE LABORATORIES

American Cyanamid Co.

Pearl River, New York 10655

An Equal Opportunity Employer M/F

DUKE UNIVERSITY FACULTY POSITION

Department of Botany, Plant Physiologist,
beginning Autumn 1974

Applications are invited from plant physiologists who have demonstrated excellence in research and teaching. First order of priority is for a person whose research interest and publication record is in the area of photosynthesis, photobiology, or plant membrane systems. The appointee will be expected to develop an active research and graduate training program and to participate in undergraduate teaching.

Applications must include a curriculum vitae, selected reprints of published papers, and the names of three referees. Send the information to Prof. Aubrey W. Naylor, Chairman of Search Committee, Department of Botany, Duke University, Durham, North Carolina 27706.

Duke University is an Equal Opportunity Employer

POSTDOCTORAL RESEARCH IN BIOCHEMISTRY: Position available in June 1973 for research on the biosynthesis of transfer RNA. Applicants should have Ph.D. in molecular biology, biophysics or biochemistry; tenure 1 to 2 years. Send résumé to:

Dr. M. J. Fournier
Department of Biochemistry
University of Massachusetts
Amherst, Mass. 01002

The University of Massachusetts is an equal opportunity employer and both female and minority applicants are urged to apply.

RESEARCH ASSOCIATE or POSTDOCTORAL FELLOW

Position immediately available studying the enzymatic processes involved in T₁ head formation. Experience in protein chemistry or protein sequencing desirable.

TECHNICIAN

Experience in biochemistry preferred. Duties include preparation of bacterial viruses and experiments involving column chromatography, gel electrophoresis, and so forth.

Apply to Dr. Michael K. Showe, Biology Department, Haverford College, Haverford, Pa. 19041.

RESPIRATORY PHYSIOLOGIST/ PHARMACOLOGIST

University Medical Center research laboratory seeks candidates interested in applying the principles of pulmonary mechanics to chronic inhalation and clinical drug studies.

Send curriculum vitae to:

BOX 161, SCIENCE

An Equal Opportunity Employer

STATISTICAL LABORATORY OF THE

STATE UNIVERSITY OF NEW YORK AT
BUFFALO

Two positions are available for Ph.D. statisticians trained in theory and applications. Primary responsibilities within the Laboratory are for scientific collaboration on the planning, conduct, and analysis of clinical trials in cancer. Opportunities exist for teaching and research within the Laboratory and through joint appointments with University departments. Applicants should send full curriculum and employment vitae as well as names of three references to James S. Williams, Statistical Laboratory, State University of New York at Buffalo, 4230 Ridge Lea Road, Amherst, New York 14226.

TERRESTRIAL ECOLOGIST

Preferably with botanical interests, for an assistant professorship. Send complete résumé, including publications, list of recommenders, and research interests to Chairman, Department of Biology, University of Pennsylvania, Philadelphia, Pa. 19174.

An Equal Opportunity Employer

ZOOLOGY DEPARTMENT POMONA COLLEGE

A 1-year appointment for a recent Ph.D. in Biology or Zoology. To teach courses, with laboratory, in either Cell Physiology or Comparative Vertebrate Anatomy one semester, in Developmental Biology or Vertebrate Development the other semester, and a seminar in a field of competence either semester. Please submit curriculum vitae and the names of three references by April 25 to:

Dr. William DeWitt Andrus
Zoology Department
Pomona College
Claremont, California 91711

ZOOLOGIST

Ph.D. to cooperate in developing and using modern technology to teach biology to large numbers of nonmajors. Advancement based on creativity in teaching and research productivity. Applicants should submit curriculum vitae and summarize preparation and experience for this position to Dr. M. R. Lee, Zoology Department, University of Illinois, Urbana-Champaign 61801, by 25 April. A nondiscriminatory equal opportunity employer. Women and members of minority groups are encouraged to apply.

GRADUATE STUDY

PREDOCTORAL ASSISTANTSHIPS

Excellent opportunities are available for graduate students to pursue a Ph.D. in contemporary areas of Biological Sciences. Stipends are available up to \$3500 for 9 months, up to \$800 additional for the summer. For details write to: Dr. C. P. Sword, Chairman, Life Sciences Department, Indiana State University, Terre Haute, Indiana 47809.

Applications are invited for ten summer positions as junior investigators to participate in an NSF-sponsored research program in **EXPERIMENTAL MARINE BOTANY** scheduled from 4 June to 1 September 1973 at the Marine Biological Laboratory, Woods Hole, Mass. 02543. Evidence of research experience equivalent to students in graduate and postdoctoral positions in biology or biochemistry is requested. Projects of five senior investigators in this program include algal studies of photochemical carbohydrate and sulfate metabolism, biochemistry of fertilization, and chloroplast development and systematics of certain red algae. Travel and per diem expenses will be provided. Application forms may be obtained from MBL (above address). Send completed forms with references to Dr. F. Loewus, Department of Biology, State University of New York at Buffalo, Buffalo, N.Y. 14214 in time to reach the Buffalo address before 12 April 1973.

POSTDOCTORAL TEACHING INTERNSHIPS IN BIOCHEMISTRY. Two fellowships are available as of July 1973 for a postdoctoral teaching internship program designed for recent graduates in biochemistry to develop proficiency in teaching. Concurrent research activities will be encouraged. For information, write to Dr. T. M. Devlin, Department of Biological Chemistry, Hahnemann Medical College, 230 North Broad Street, Philadelphia, Pennsylvania 19102.

PREDOCTORAL FELLOWSHIP

Leading to Ph.D. in Experimental Pathology. Physiologic and toxicologic effects of the combustion of polymer flame retardants and related materials. Stipend \$5500. Write to J. T. Weston, M.D., Division of Environmental and Forensic Pathology, University of Utah Medical Center, 50 North Medical Drive, Salt Lake City, Utah 84112.

UNIVERSITÉ DE MONTRÉAL

Institute of Experimental Medicine and Surgery

Five fellowships available for M.Sc. or Ph.D. candidates to work on correlations between stress, endocrines and hepatic functions. One year, renewable. Knowledge of French desirable but not indispensable. Forward application with curriculum vitae to Dr. Hans Selye, Institut de Médecine et de Chirurgie Expérimentales, Université de Montréal, P.O. Box 6128, Montréal, P.Q., Canada.

REQUEST FOR PROPOSAL

It is the intention of the Carcinogenesis Area of the National Cancer Institute to advertise the availability of two Request for Proposals entitled "Identification of Human Populations at Risk Due to Exposure to N-Nitroso Compounds" (request must reference RFP No. NCI-E-C-73-24) and "Development and Application of Methods for N-Nitroso Compounds and Their Precursors in the Environment" (request must reference RFP No. NCI-E-C-73-26).

Individuals representing research organizations who wish to receive copies of this request for proposal when it becomes available are invited to submit their names to the following address prior to 3 April 1973:

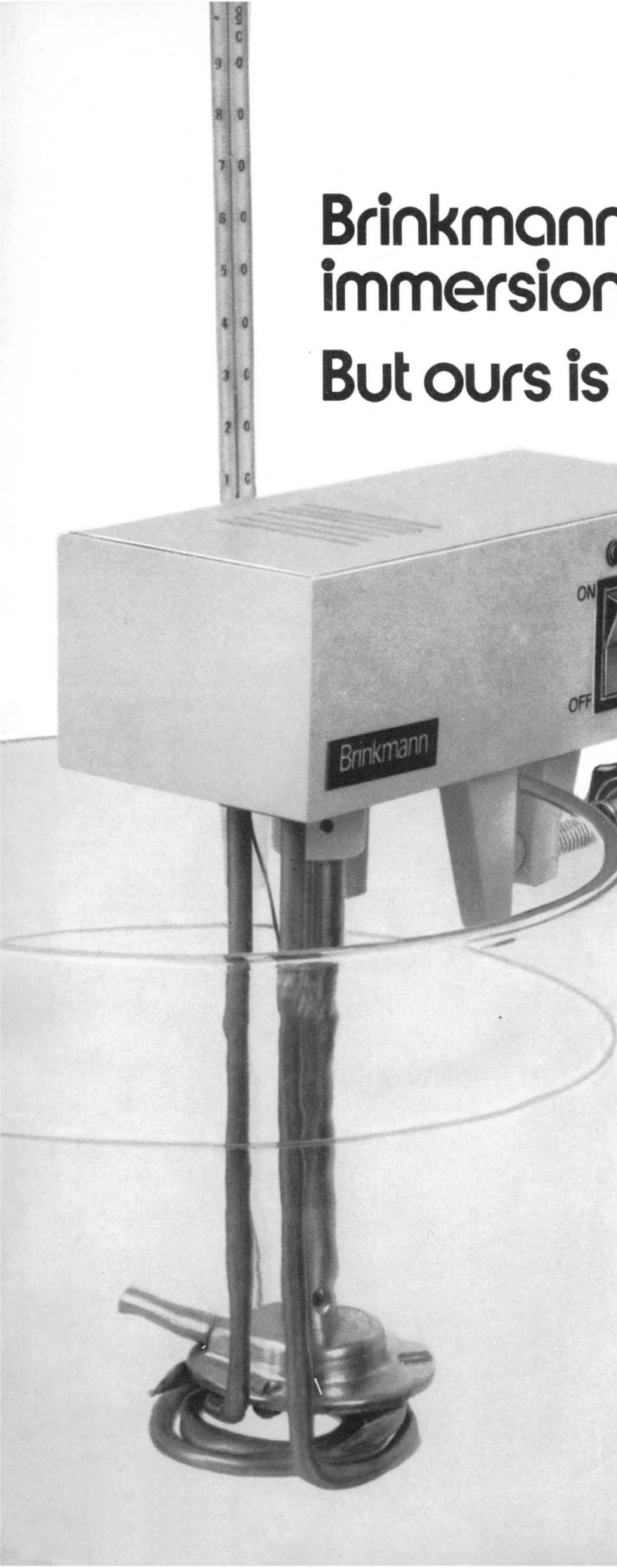
Mr. Dennis J. Dougherty
Contract Specialist
Research Contracts Branch
National Cancer Institute
National Institutes of Health
Landon Building, Room C-425-D
Bethesda, Maryland 20014.

SUMMER PROGRAM

JUNIOR AND ADULT ECOLOGY SEMINAR

Explore natural history and Indian arts in the Sierra and Great Basin. Environment classes in mountain, desert, Antelope Refuge, Tahoe, Yosemite, and Forest Research Reserve. Strong riding, swimming, crafts. Challenge to alert boys and girls, 10 to 14. Five-week sessions, 3 July through 6 August, 1973. Multiracial.

Also 2-week adult program. Write for details, Dr. & Mrs. Richard Gordon Miller, 6205 Franktown Road, Carson City, Nevada 89701. Phones: 702-882-6361 or 882-1728.



Brinkmann offers an immersion circulator too. But ours is only \$99.50

Just clamp our rugged little IC-2 onto the rim of a jar, tank or other vessel and suddenly you've got an efficient constant temperature circulator. (It's also an ideal circulating system for use with refractometers, viscometers, spectrophotometers, etc.)

The IC-2 has a thermostatic temperature control adjustable from 0 to 100°C (near or below ambient with auxiliary cooling), 1000 watt heating capacity, and a control accuracy of $\pm 0.5^\circ\text{C}$. The built-in pump circulates up to 10 liters of liquid per minute and requires an immersion depth of only 2 inches. All immersed components are stainless steel.

Our IC-2 comes complete with mounting clamp and reading thermometer for only \$99.50. Need literature? Just write: Brinkmann Instruments, Cantiague Road, Westbury, N.Y. 11590. In Canada, write: Brinkmann Instruments (Canada) Ltd., 50 Galaxy Boulevard, Rexdale (Toronto), Ont.

iB Brinkmann IC-2
IMMERSION CIRCULATOR

Circle No. 3 on Readers' Service Card

Choosing a pH meter can be tough—there's quite a selection. And most of them do the essential measuring job pretty well. So if you want to make a smart buy, you have to look beyond the pretty faces. You have to look for things like:

**More Distributors,
Faster Service.**

Over 150 distributor locations. More than 1000 salesmen. So you can usually get the Corning meter you want within 24 hours.

The Free Year.

Our unique 2-year guarantee on every meter we make. An extra year of guaranteed performance—free.

**The Largest Selection—
Analog and Digital.**

10 pH instruments. More digitals too, including the least expensive digital on the market.

Guaranteed Electrodes.

Laboratory reference and pH electrodes are guaranteed for 6 months. In writing. And if any Corning Act/Ion™ ion selective electrode fails to do the job you bought it for, and we can't solve the problem, we'll give your money back.

24 Laboratory Recorders.

A recorder for any instrument application in your lab. Flexible, reliable modular design. Designed to meet present needs—expand to meet future needs. Guaranteed

for one year.

Portable pH—Under \$100

The Corning Model 3. Dependable, portable pH. Guaranteed for 2 years.

Expand Your Horizons.


More meters. More recorders, more electrodes. Longer, stronger guarantees. Fast, easy service from local distributors.

Now isn't that what you want in a pH meter? Or a recorder?

Contact your Corning distributor. Or call us, toll free. Corning Scientific Instruments, Medfield, Mass. (800) 225-3850.

CORNING
SCIENTIFIC INSTRUMENTS

Circle No. 11 on Readers' Service Card



There's more to
pH than meets the eye.
Lots more.