

# Personnel Placement

It is requested that only those employers who will not discriminate on the basis of race, sex, religion, color, or national origin submit positions open advertising.

**POSITIONS WANTED:** 40¢ per word, minimum charge \$10. Use of Box Number counts as 10 additional words. Payment in advance is required. These rates apply to individuals only. Personnel agencies and companies take display rate for all advertising.

**POSITIONS OPEN:** \$110 per inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Ads over 1 inch will be billed to the nearest half inch. Payment in advance is required except where satisfactory credit has been established.

**COPY** for ads must reach **SCIENCE** 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

**SCIENCE, Room 211  
1515 Massachusetts Ave., NW  
Washington, D.C. 20005**

Replies to blind ads should be addressed as follows:

Box (give number)

**SCIENCE  
1515 Massachusetts Ave., NW  
Washington, D.C. 20005**

## POSITIONS WANTED

**Biochemist, Ph.D., 1962.** Mineral metabolism, CNS electrolytes and monamines, publications, teaching experience, desires teaching and/or research position. Box 259E, Route 6, Raleigh, N.C. 27609. X

**Biochemist, Ph.D. 1966.** Experience in neurochemistry-amino acid, nucleic acid metabolism, enzymology. Clinical experience in hospital; 30 publications. Requires clinical/research/teaching position. Available immediately. Please contact: Kumar, 488 Ocean Parkway, Brooklyn, New York 11218. Phone 212-941-6970. X

**M.D., Ph.D. (Biochemistry).** Research in enzymology, intermediary metabolism, erythrocyte metabolism. Interest in pharmacology of irreversible enzyme inhibitors. Research, teaching. Box 449, SCIENCE. X

Consultation in marine plankton; 25 years of worldwide experience. Will identify calanoid copepods from collections or stomach contents, prepare reference sets from your samples, analyses for environmental studies, pollution. E. C. Jones, 230 Thayer Ave., West Plaines, Mo. 65755. X

**Engineering + Chemistry + Pathology.** Chemical engineering B.S., physical chemistry M.S., and pathology M.S. with research experience in immunology and clinical chemistry and working experience in clinical laboratory. Box 454, SCIENCE. X

**Immunochemist; Ph.D., 1958.** Industrial, clinical and academic experience. Radioimmunoassay, radioactive iodine labeling, antibody production, protein purification. Seeks industrial or clinical chemistry R & D position. Box 451, SCIENCE. X

**Microbiologist.** Experienced. Background in industrial and applied research. Earned doctorate in bacteriology. One year of postdoctoral training. Honors. Publications include patent. Responsible position in industry preferred. Will relocate. Box 452, SCIENCE. X

**M.D., Ph.D. Neurobiology.** 30, certificates in electron microscopy, neurophysiology, biochemistry and cell biology, many publications, good references, international background—Europe, Middle East—seeks challenging position. Box 453, SCIENCE. X

**Translator:** Professional multilevel approach; corresponding rate schedules. Most scientific, technical fields from Asian, Germanic, Romance, Slavic languages. Dale Cunningham, Drawer 1027, Camden, New Jersey 08101. 9/14, 21, 28

## POSITIONS OPEN

### AIR POLLUTION SCIENTIST

El Paso Natural Gas Company, one of the country's largest and most progressive transmission companies, is seeking a scientifically trained person to evaluate ambient air quality in the vicinity of Company operations and new projects. Responsible for design and operation of meteorological networks, ambient measurement programs and computer methods of data analysis.

Must have M.S. degree in Meteorology or related technical discipline; 3 to 5 years' experience; knowledge of micrometeorology, air quality measurement techniques, instrumentation and computer prediction techniques. Are not seeking a forecasting meteorologist.

Excellent salary; benefits comparable with the best; geographical climate healthiest in the country, and the total cost of living is among the lowest in the nation. If qualified send résumé to:

**N. D. Lassiter, Employment Coordinator  
El Paso Natural Gas Company  
P. O. Box 1492, El Paso, Texas 79978  
An Equal Opportunity Employer M/F**

### ANATOMIC PATHOLOGISTS

Midwestern medical school has two new positions available. Teaching and research stressed. Subspecialty desirable. Eight members on present anatomic staff. Electron microscopy and immunofluorescence laboratories available. Department combined AP-CP. Please send inquiries to

**Box 444, SCIENCE**

### ASSOCIATE DIRECTOR (RESEARCH)

The Clinical Institute of the Addiction Research Foundation which is the Foundation's center for clinical research and education and a teaching hospital of the University of Toronto, is presently seeking a senior professional to assume responsibility for the development, approval, support and monitoring of Institute research programmes.

Reporting to the Director of the Clinical Institute, the Associate Director, Research, will be a member of the executive group and share, with the director and other associate directors, the overall day-to-day management of the Institute and be specifically responsible for the budgets of those programs associated directly with research activities.

As chairman of the Institute's Research Committee and a member of the Foundation's Research Co-ordinating Group, the Associate Director, Research, will establish a liaison with and participate as appropriate in related areas elsewhere in the Foundation, in universities and the community.

The successful candidate will be a well-trained, established scientist at the doctoral level. As this position will likely carry a cross-appointment with an appropriate university department, it will be of interest to applicants qualified at or above the level of associate professor. This post is not limited to any specific discipline, however, experience in Clinical Epidemiology or Sociology, not necessarily in the field of addictions, would be an asset. It is necessary that the selected candidate have demonstrated management ability.

Salary will be commensurate with training and experience.

Please reply in writing to:

**Mr. A. P. Charles  
Director of Personnel  
33 Russell Street  
Toronto M5S 2S1  
Ontario, Canada**

### ENVIRONMENTAL SCIENTIST

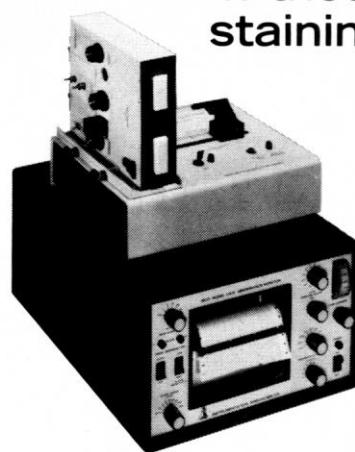
El Paso Natural Gas Company, one of the country's largest and most progressive transmission companies, is seeking a highly qualified Scientist to evaluate environmental impact of Company operations and new projects. Must formulate procedures for ecological protection. Function as company expert.

Must have M.S. or Ph.D. degree in botanical or biological science, and 3 to 5 years' experience. Some travel and field work.

Excellent salary; benefits comparable with the best; geographical climate healthiest in the country, and the total cost of living is among the lowest in the nation. Send résumé to:

**N. D. Lassiter, Employment Coordinator  
El Paso Natural Gas Company  
P.O. Box 1492, El Paso, Texas 79978  
An Equal Opportunity Employer M/F**

Scan gels  
without  
staining



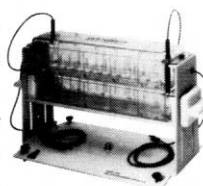
## SCANNER

Gels polymerized and electrophoresed in UV-transparent tubes can be scanned in the same tubes without staining and destaining. Repeated scans during migration record the entire electrophoretic separation. Stained gels in glass tubes can also be scanned when desired.

The scanner is an accessory for the ISCO absorbance monitor, which also scans chromatographic effluents and centrifuged gradients at 13 wavelengths over 8 sensitivity ranges. Options include a built in 10 cm recorder and Peak Separator, which deposits each chromatographic peak into individual collection tubes.

## ELECTROPHORESIS APPARATUS

The linear alignment of gel tubes and an easily lowered bottom buffer tank allow convenient access to tubes. Leakproof molded buffer tanks have electrical interlocks and integral cooling.



All ISCO biochemical research instruments are described in our 1973 green catalog. Send for your copy today.



**ISCO**

**BOX 5347 LINCOLN, NEBRASKA 68505**  
**PHONE (402) 434-0231**  
**TELEX 48-6453**  
**TELE 40-0433**

Circle No. 85 on Readers' Service Card

## Ph.D. PHARMACOLOGISTS

Two opportunities are offered in our worldwide pharmaceuticals R & D:

### ● LABORATORY RESEARCH

Excellent position is available for an enthusiastic, flexible scientist to participate in our anti-arthritis research program: assess new agents, investigate new methodology, participate in basic research.

Ph.D. training in Pharmacology is required, with a minimum of 1 year's experience beyond doctorate. Broad training and interests are paramount; training in biochemistry and immunology very desirable.

### ● CLINICAL SUPPORT

This nonlaboratory position in our Development area involves the evaluation of pre-clinical and clinical data, the preparation of Investigational and New Drug Applications and liaison with the Food and Drug Administration. Considerable interaction with research, medical and marketing areas.

Requirements include training in Pharmacology (Ph.D. required). Must also have above average ability in both oral and written communications.

Excellent employee benefits; liberal relocation policy.

Letters should specify preference for either position.

Francis J. Beston  
Director of Scientific Employment

## SMITH KLINE & FRENCH LABORATORIES

A Division of  
SmithKline Corporation  
1530 Spring Garden Street  
Philadelphia, Pa. 19101

Equal Opportunity Employer M/F

## EXPERIENCED TOXICOLOGIST — Pharmaceuticals —

Excellent opportunity for an experienced toxicologist to assume responsibility for toxicity testing of potential new drugs. Specific duties involve planning, conducting and reporting of projects, supervision, decision-making with internal and external laboratories, and representation of discipline within research teams. Publications encouraged.

Our principal requirement is for a person with five or more years experience in pharmaceutical toxicology. Master's degree desirable but secondary to a demonstrated record of accomplishment.

Laboratories are well equipped and located in our modern suburban facilities about 15 miles west of Philadelphia. Salary commensurate with appropriate experience; relocation benefits are liberal. For additional information, please write or phone (collect) C. J. Elder, Senior Employment Administrator, (215) 564-2400, Ext. 392

## SMITH KLINE & FRENCH LABORATORIES

A Division of  
SmithKline Corporation  
1510 Spring Garden Street  
Philadelphia, Pa. 19101

Equal Opportunity Employer M/F

## POSITIONS OPEN

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## Applications are invited for the post of ASSOCIATE EXECUTIVE EDITOR

for a journal devoted to cellular biology, in New York City. Applicant must have a doctoral degree in science, an interest in the general field of cell biology, and preferably some editorial experience. Will supervise clerical staff and oversee the reviewing and processing of manuscripts. Opportunity for person with originality to take responsibilities in helping the journal to meet changing interests and needs in this field of science. Send résumé to Box 422, SCIENCE.

**APICULTURIST.** Faculty position open at Assistant Professor level or above for recent Ph.D. who can develop a research and extension program on problems of honey bee management, pollination requirements of horticultural and seed crops, and effect of pesticide usage on bees. Practical experience in beekeeping required plus graduate work in apiculture or pollination. Send complete résumé and have three letters of recommendation sent to Paul O. Ritcher, Chairman of Search Committee, Department of Entomology, Oregon State University, Corvallis, Oregon 97331.

An Equal Opportunity Employer

### UNIVERSITY OF LONDON IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY DEPARTMENT OF BIOCHEMISTRY

The Senate invite applications for a Chair in the Department of Biochemistry at Imperial College. The Chair will be either in the field of Physiological Biochemistry (the Rank Chair of Physiological Biochemistry), or in the field of Chemical Microbiology. It is the intention of the College that the person appointed will be Head of the Department for an initial period of 5 years.

Initial salary to be agreed but not less than £5625 a year plus £162 London Allowance. Applications (ten copies) must be received not later than 19 October 1973 by the Academic Registrar(s), University of London, Senate House, WC1E 7HU, from whom further particulars about the Department and its two Chairs may be obtained.

### POSITION IN BIOCHEMISTRY

A postdoctoral or junior faculty position is open for a person with a doctorate in Biochemistry with specialization in neurochemistry to participate in collaborative research on nutritional and drug effects on monoamine metabolism, neuroendocrine function, and behavior. Send curriculum vitae and list of references to Box 445, SCIENCE.

### BIOCHEMISTRY POSTDOCTORAL POSITION

Research into membrane hormone receptors and cyclic nucleotide metabolism. Background in membrane biochemistry and protein isolation preferred but not essential. Position available by 1 October. Apply to: Dr. M. Blecher, Department of Biochemistry, School of Medicine, Georgetown University, Washington, D.C. 20007.

An Equal Opportunity Employer

### ASSOCIATE PROFESSOR OR PROFESSOR

Position available 1 January 1974 in the Department of Biological Chemistry, University of Michigan Medical School. Candidate will also hold the title of Associate Research Biophysicist or Research Biophysicist in the Biophysics Division of the Institute of Science & Technology. Must have Ph.D. in Biophysics or Biochemistry. Must have research experience in fields of electron biological carriers, electron paramagnetic resonance and other areas of magnetic resonance, rapid reaction kinetics, and protein fractionation. Must be a capable teacher at the graduate level and be interested in collaborative research in mechanistic enzymology. Code #1200H. Send résumé to Box 446, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

**CHAIRMAN AND SENIOR SCHOLAR, DEPARTMENT OF KINESIOLOGY.** Administer innovative undergraduate and graduate programs comprising 550 students and 25 faculty. Candidates should submit curriculum vitae including research record in scientific aspects of human physical activity in either bio, biophysical or behavioral sciences by 1 November 1973 to Gerald S. Kenyon, Dean, Faculty of Human Kinetics and Leisure Studies, University of Waterloo, Waterloo, Ontario, Canada.

### DEPARTMENT OF CHEMISTRY

Seeks young Ph.D. chemists for two assistant professor appointments in biochemistry, inorganic chemistry, or organic chemistry commencing September 1974. The appointees will participate in undergraduate and graduate teaching and research. The University of California is an equal opportunity employer.

Applicants should submit a curriculum vitae (including publication list), an abstract of the Ph.D. dissertation, a summary of any teaching and postdoctoral experience, a statement of short- and long-range research plans, and the names of three persons qualified to assess the candidate's research and teaching potential. It is the applicant's responsibility to see that a confidential letter of recommendation is sent by one of these three referees.

To ensure consideration, the application, the accompanying documentation, and the letter of recommendation should be received by Dr. R. L. Scott, Chairman, Department of Chemistry, University of California, Los Angeles, California 90024, by 1 November 1973.

### EXECUTIVE DIRECTOR

A distinguished microbiologist is sought to serve as the Executive Director of the American Society for Microbiology, the American Academy of Microbiology and the ASM Foundation. The major responsibility of the person selected will be to provide vigorous, creative, and continuing leadership by representing the science of microbiology in its relations with governmental and other agencies, industries, hospitals, educational and research institutions, other societies or associations, and individual scientists.

The Executive Director must have the vision to keep abreast of the developments and needs of the science and the profession, and to refer information and problems requiring policy decisions to the responsible officers of the Society, the Academy and the Foundation. With the assistance of the other executive officers, the Managing Editor and the Executive Secretary, the Director will guide the activities of the Society's Washington headquarters and will serve on committees and interorganizational groups and as a consultant in various microbiological areas, as assigned by the Secretary or the President.

The position is to be filled 1 July 1974; salary is open depending on qualifications. The ASM is an equal opportunity employer.

Applications must be received before 10 November 1973, by the Secretary of the ASM: Donald E. Shay, Ph.D., University of Maryland, School of Dentistry, 666 West Baltimore Street, Baltimore, Maryland 21201.

# Cell-Chex®

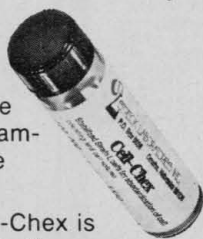
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Why allow your electronic counting equipment to be inaccurate? Now, with Cell-Chex you can make sure your Coulter Counters used in routine enumeration of cells in culture are always accurate.

Cell-Chex are stabilized Strain L cells with a stable cell volume unlike other cell volume standards, pollen grains for example, which undergo cell volume changes upon hydration.

The precise cell volume of Cell-Chex is provided with each vial and is in the range of 1400 to 1600  $\mu^3$ . This provides a K value close to that of most tissue culture cells, so more precise measurements are possible.

To calibrate for cell number, dilute Cell-Chex with counting fluid and use daily in your electronic instrument. Cost is about \$1.00 per unit of use. Shipped postpaid in a 15ml vial for \$15.00.



**Send order to: Cell-Chex®**



**STRECK LABORATORIES INC.**

P.O. BOX 6036, OMAHA, NEBRASKA 68106

Circle No. 108 on Readers' Service Card

## SENIOR TOXICOLOGIST

Searle Laboratories, a Division of G. D. Searle & Co., a leader in the fields of research, development, and marketing of drugs and other health care products worldwide, has a senior position open in the Department of Pathology-Toxicology.

This position reports to the Department Director and is responsible for managing selected preclinical safety studies conducted on drugs and other products and for supervising a basic and applied research program in Special Senses Toxicology. The former involves designing and monitoring toxicology studies, ante-mortem assessment of ocular and auditory function, collaborating with other toxicologists, and advising scientists and other officials on content, results, and interpretation of such studies. The second responsibility involves developing new methodology relevant to safety assessments of the special senses and applicable on a routine or selective basis.

This Senior Research Investigator level position requires a Ph.D. in Toxicology or Pharmacology with 3 or more years of relevant postdoctoral experience, or the equivalent. Preference will be given to a candidate possessing familiarity with clinical and anatomical pathology.

In return for your efforts, Searle Laboratories provides a professional work environment offering opportunities to perform and publish independent and collaborative studies. A competitive salary, a comprehensive benefit program, and an opportunity for career growth and development in an active and vigorous company are additional attractions. Please send your detailed curriculum vitae to:

Joel J. Myers

Scientific Personnel Administration

**SEARLE**

**G. D. Searle & Co.**

Box 5110, Chicago, Illinois 60680

An Equal Opportunity Employer

### POSITIONS OPEN

#### ENDOCRINE DIRECTOR

Ph.D. with extensive experience in radioimmunoassay is sought for the position of Laboratory Director. This challenging position involves the direction of an endocrine reference laboratory, teaching, and research. Reply to: **Gerald Burke, M.D., Chairman, Division of Endocrinology, Cook County Hospital, 1825 West Harrison St., Chicago, Illinois 60612.**

#### EXECUTIVE OFFICER

Description:

Beginning approximately 1 May 1974, the position of Executive Officer of the Astronomical Society of the Pacific will become vacant.

There are two primary responsibilities associated with the position:

1. Editorship of *Mercury*, the semi-popular journal of the ASP.
2. Administering and promoting the educational program of the Astronomical Society of the Pacific.

Qualifications:

Applicants for this position should be able to demonstrate in their applications a genuine concern in astronomical education. Advanced degrees in astronomy are desirable but not essential.

Salary:

Will be commensurate with experience.

Location:

It is expected that the Executive Officer will reside in the San Francisco Bay Area.

How to Apply:

Applicants should send their applications together with a résumé of their qualifications and the names, addresses, and telephone numbers of at least three individuals intimately familiar with their qualifications to:

**Screening Committee  
Astronomical Society of the Pacific  
Steward Observatory  
University of Arizona  
Tucson, Arizona 85721**

Applications should be submitted before 1 December 1973.

14 SEPTEMBER 1973

### POSITIONS OPEN

#### DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH NEW ZEALAND

##### HYDROLOGIST

A hydrologist is required in the Freshwater Section of Ecology Division.

**Duties:** To work with a closely integrated team engaged in study of the eutrophication processes in New Zealand lakes and rivers.

**Qualifications:** Ph.D. or equivalent experience in hydrology.

**Salary:** Up to NZ\$8997 according to qualifications and experience. Further promotion on merit. A higher salary may be negotiated for an applicant of special merit.

The appointee will take up his position in 1974 and will be based at Taupo in the center of the North Island of New Zealand.

Application forms may be obtained from the New Zealand Embassy, 19 Observatory Circle, NW, Washington, D.C. 20008, with whom applications close on 28 October 1973.

Further information is obtainable from the Director, Ecology Division, DSIR, P.O. Box 30466, Lower Hutt, New Zealand.

##### OPTICAL ENGINEER

**The University of Texas/McDonald Observatory**  
This key position requires the ability to supervise and coordinate the activities of a small, diverse group including electronics, optics, mechanics, and computer specialists. This group is principally responsible for maintaining the observatory's telescopes and other observing equipment in first-class condition. Training and experience in optics and an understanding of electronic systems as used in astronomical instrumentation are essential. Position requires residence at McDonald Observatory. U.S. citizenship is not required. Beginning salary commensurate with education and experience. Submit résumé to Superintendent, McDonald Observatory, P.O. Box 1337, Fort Davis, Texas 79734, or apply:

**The University of Texas at Austin  
University Personnel Office  
108 East 19th Street  
Austin, Texas 78712**

An Equal Opportunity Employer

### POSITIONS OPEN

#### INSTRUCTOR

Position available 1 January 1974 in the Department of Otorhinolaryngology, University of Michigan Medical School. Candidate must have M.D. degree and be Board Diplomate in Otolaryngology or "Board Eligible." Duties include patient care; teaching medical students, residents, nurses and certain other allied health personnel; and participation in department and medical center committee activities. Facilities are available for research in depth. Code #400L. Send résumé to

Box 477, SCIENCE.

A Nondiscriminatory Affirmative Action Employer

#### UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

Applications are invited from qualified individuals for the position of Professor and Chairman of the Department. Applications must include a complete curriculum vitae and bibliography. Applicants should secure at least three letters of recommendation from professionals in the field and such letters are to be sent independently of the application. We are an equal opportunity employer and applications from women and members of minority groups are encouraged. Please send applications, curriculum vitae and bibliography, and letters of recommendation to: **Search Committee, Department of Obstetrics and Gynecology, Office of the Dean, University of Pittsburgh School of Medicine, M-240 Scaife Hall, 3550 Terrace Street, Pittsburgh, Pennsylvania 15261.**

#### CHAIRMAN OF PHYSIOLOGY

Applications or nominations are sought for the position of chairman of the Department of Physiology, University of Kansas Medical Center. Résumés should be sent to the **Dean for Facilities and Academic Affairs, University of Kansas Medical Center, 39th and Rainbow Boulevard, Kansas City, Kansas 66103. Attention: Chairman, Physiology Search Committee. The University of Kansas is an equal opportunity, affirmative action employer.**

## POSITIONS OPEN

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## POSITIONS OPEN

Research at Schering at Our Corporate  
Research Center near New York City

# CHEMOTHERAPIST/MICROBIOLOGIST

Ph.D. Level

Continued expansion of our vigorous and productive research program provides attractive career opportunities with Schering, a leading pharmaceutical health care company of world reputation.

This position calls for a doctorate in Microbiology, and at least 2 years of industrial experience in the chemotherapy of infectious diseases. Research capability is required in experimental infections, phar-

macokinetics, bioassays and toxicology related to bacterial, parasitic and mycotic infections. Included will be studies in antibiotic chemotherapy, and relationships of activity, toxicity, absorption and the infectious agent to drug-to-host interaction.

Our location affords a broad choice of desirable suburban or urban living, with easy access to the New York region's resources.

Please address vitae in confidence to Research Personnel.



**SCHERING CORPORATION**

60 Orange St., Bloomfield, N.J. 07003

Applicants of all races are encouraged to apply  
Female-Male

## MARINE FISHERIES ADMINISTRATOR

Marine Scientist with specialty in fisheries aspect of marine science needed. Leading coastal and estuarine research institution seeks experienced Ph.D. with competence in administration to fill permanent position as Head of an Ichthyology (Finfisheries) Department. Will be responsible for research and academic programming within major department of an environmentally oriented, public-supported, nonprofit research institute with advisory and educational responsibilities. Position supported by in-house funds. Personal research encouraged. Faculty appointment involved. Salary dependent somewhat on experience and qualifications in range from \$16,400 to \$20,500. If interested, please reply with appropriate, complete and recent résumé to **Box 428, SCIENCE**. Names of three persons who may be contacted regarding your candidacy should be included.

## NEUROPATHOLOGIST

For midwestern medical school. Appointment in Department of Pathology with close relationship to Neurology and Neurosurgery. Teaching and research as well as service. Please send inquiries to

**Box 448, SCIENCE**

## PHYSIOLOGIST

Full professor to develop a new department of physiology. Send curriculum vitae including references to:

**Dr. H. Trowbridge**  
School of Dental Medicine  
University of Pennsylvania  
4001 Spruce Street  
Philadelphia, Pa. 19174  
*An Equal Opportunity Employer*

## POSTDOCTORAL OR RESEARCH ASSOCIATE

To work in a group mainly interested in biochemistry and organization of chromosomes and nucleolus. Salary will depend on experience. Minimum: \$8500. One year with possibility of renewal. Open now or Spring 1974. Send curriculum vitae to:

**Cell and Molecular Biology Laboratory**  
Biology Department  
Faculty of Sciences  
Laval University  
Québec, G1K 7P4, Canada

## POSTDOCTORAL RESEARCH ASSOCIATE

Ph.D. in biochemistry or pharmacology with emphasis in neurochemistry or membrane biochemistry. To study the toxic effects, particularly on the central nervous system, of chemicals in experimental animals. Send résumé and three references to:

**Dr. Donald R. Buhler**  
Environmental Health Sciences Center  
Oregon State University  
Corvallis, Oregon 97331

## POSTDOCTORAL RESEARCH ASSOCIATE

To investigate immunochemical nature of cell surface structures with clinically important biological activities. Research-minded individual with strong background in structural studies on glycoproteins and/or glycolipids desired. Excellent salary. Apply:

**Box 429, SCIENCE**

*An Equal Opportunity Employer*

## POSTGRADUATE RESEARCH ASSOCIATE

Immediate position for B.S. or M.S. in Biochemistry or related fields with minimum of 3 years of work experience in tissue culture, nucleic acid structure, and/or general molecular biology. Work entails responsibility for organization and maintenance of a small laboratory and supervised practical laboratory experimentation. Salary commensurate with experience. Send curriculum vitae and letters of reference to: **Administrative Assistant, Department of Biochemistry and Biophysics, University of California San Francisco, San Francisco, California 94143.**

*A Nondiscriminatory Affirmative Action Employer*

Pre- and Postdoctoral positions available for studies on changes in protein synthesizing system, with special emphasis on ribosomes—topography, biogenesis and function—under various conditions of growth and development. Teaching opportunities available. Send résumé to **B. H. Sells, Director of Laboratories of Molecular Biology, Faculty of Medicine, Memorial University, St. John's, Newfoundland, Canada.**

## RESEARCH ASSOCIATES/ RESEARCH ASSISTANTS

To assist in biochemical, physiological or pharmacological research of the cardiovascular system. B.S. or higher degree, and laboratory experience required. Annual salary \$10,000 to \$14,000 commensurate with qualification. Applications with curriculum vitae and two to three letters of recommendation should be sent to **Dr. B. K. Yeh, Associate Director, Division of Clinical Investigation, Miami Heart Institute, 4701 North Meridian Ave., Miami Beach, Fla. 33140.**

## TOXICOLOGIST

M.S. and/or Ph.D. Toxicology-Pharmacology. Prefer 1 to 2 years of experience. Drug efficacy, drug toxicity, and nutritional research in laboratory animals. Will work with senior research scientist on a wide range of studies. Must have some writing ability and be able to communicate clearly. Private laboratory performing contract research for industry and government. Growing organization. Ideally located in small town near large State University, Eastern Seaboard, Mid-Atlantic region.

Qualified candidates should forward detailed résumé, including professional experience, educational background, and salary requirement to:

**Director of Personnel**  
**FLOW LABORATORIES, INC.**  
P.O. Box 2226

Rockville, Maryland 20852

*An Equal Opportunity Employer*

## SCIENTIST

Young scientist with expertise in enzymology, molecular biology, neurochemistry, neuropharmacology and behavior. Will work as part of a multidisciplinary team focused on neurobiological aspects of drug action. Send résumé and supporting material to **Search Committee, Department of Psychiatry, University of California, San Diego, P.O. Box 109, Room 2080, Basic Science Building, La Jolla, California 92037.**

## VICE PRESIDENT FOR ACADEMIC ADMINISTRATION

The University of Minnesota invites nominations and applications for the position of Vice President for Academic Administration which will be available 1 July 1974.

Please submit résumé by 1 November 1973, to **Dr. George Shapiro, Chairman, Search Committee, 317 Folwell Hall, University of Minnesota, Minneapolis, Minn. 55455.** Nominations and applications from women and members of minority groups are especially encouraged.

## RENAL PHYSIOLOGY— ULTRASTRUCTURE LABORATORY

Research position for recent Ph.D. with interest in problems of epithelial permeability and transport. Contact

**Vincent A. DiScala, M.D.**

Chief, Renal Service  
U.S. Public Health Service Hospital  
Staten Island, New York 10304

## COURSES

## DEVELOPMENTAL BIOLOGY FOR UNDERGRADUATES, MARINE BIOLOGICAL LABORATORY (MBL), WOODS HOLE, MASS.

7 JANUARY to 1 FEBRUARY 1974

A 4-week course at MBL for well-motivated college students with a sound background in introductory biology and with an interest in development, genetics, and variability will emphasize marine animals and the plant *Fucus*. Lectures on concepts of development and genetics will accompany laboratories emphasizing experimentation based on understanding normal development. The ecology of the organisms studied will be introduced. Instructors: Lester and Lucena Barth, MBL; Annette W. and John R. Coleman, Brown University; Louis DeLanney, Ithaca College; James Ebert, Carnegie and MBL; David R. Walters, Boston University.

Tuition \$400; 4 credit hours; dormitory, including board, \$200 or less. To apply and for further information communicate with **Instructor in Charge: L. E. DeLanney, c/o Marine Biological Laboratory, Woods Hole, Mass. 02543.** Office phone: (607)-274-3169. Applications close 1 October 1973.

# The Market Place

## ELECTRON MICROSCOPE FOR SALE

RCA-EMU-3F Microscope, excellent condition. Under continuous RCA service contract since installation. Completely updated with most available RCA modifications including high-voltage modification nitrogen purge system, heated objective aperture, high magnification focusing kit, and other smaller accessories. Excellent teaching and research instrument.

Contact: **Dr. Harry T. Horner, Jr., Department of Botany and Plant Pathology, Iowa State University, Ames, Iowa 50010.** Telephone: (515)-294-4752.

## BARGAINS IN OPTICS

Our surplus inventory clearance sale offers you substantial savings on new and used Reichert and other instruments and optics. Request our "Bargains in Optics" inventory list for details. **Hacker Instruments Inc., Authorized Reichert Dealer, Box 646, Fairfield, N.J. 07006.** Phone 201-226-8450.





**SARGENT-WELCH**

# Instrumentation

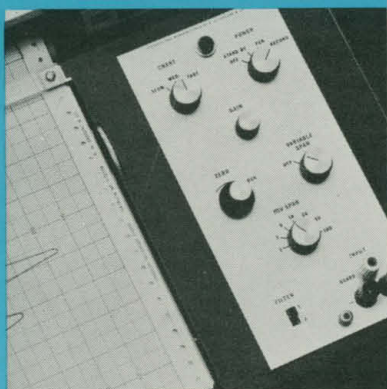
Quality Laboratory Instruments  
Designed for Versatility and Reliability

## Recorders

*Linear and linear/log*

- 2 year warranty
- 20 models
- Electronic and synchronous chart drives
- Multi-span and multi-speed
- Single and dual pen
- Bench and rack mounting

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## Spectrophotometers

*Single beam, general purpose*

- Digital and meter versions
- True sine bar grating monochromator
- Range: 325 - 925 nm
- For square and test tube sample cells
- All solid state circuitry

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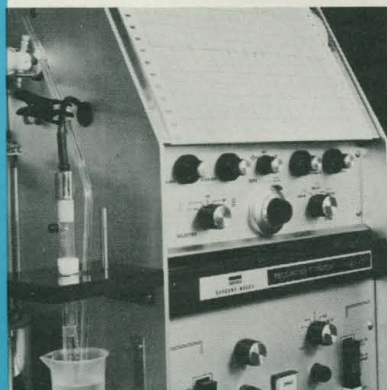


## POLAROGRAPH<sup>®</sup>

*Automatic scanning, strip chart recording*

- Wide selection of voltage and current sensitivity ranges
- Standard and rapid scanning
- Dropping and hanging mercury electrodes
- Cathodic and anodic stripping capabilities

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## Recording Titrator

*For all potentiometric titrations*

- Direct and first derivative recording
- Calibrated zero adjustment
- Dual titrating stations
- Four fixed delivery rates — one automatic, slope-related rate
- 3 pH spans and 3 mV spans
- Electronic chart and burette drives

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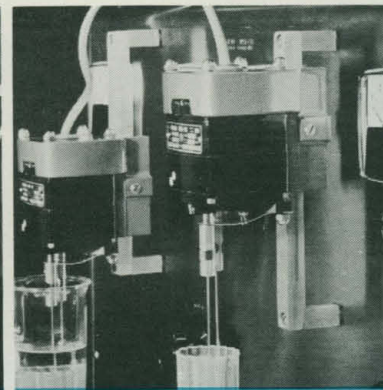


## pH Meters

*Portable and bench models*

- Digital and meter readouts
- Slope and intercept controls
- Manual and automatic temperature compensation
- Full range and expanded scale pH, ionic activity
- 7 models

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## Electrolytic Analyzers

*One and two station models*

- Sealed motor and magnetic stirring
- 5 and 15 ampere current capacities
- Stainless steel front panels and work shelf
- Full wave rectification for ripple free D.C.

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Sargent-Welch designs and manufactures fine laboratory instrumentation and Sargent-Welch is a full line, laboratory supply distributor. General catalogs are available.

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

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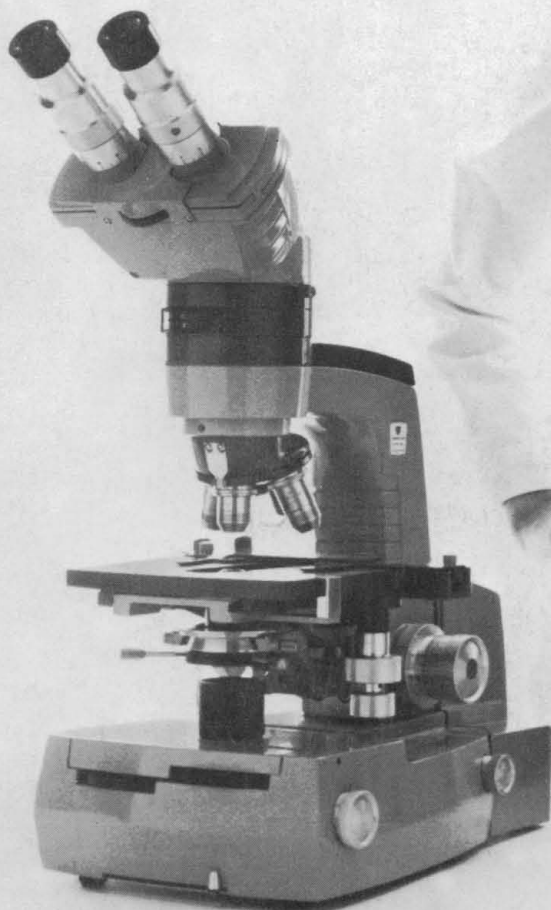


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