To detect and assay reverse transcriptase you need:

All available from stock:

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>5 units*</th>
<th>25 units*</th>
</tr>
</thead>
<tbody>
<tr>
<td>7795</td>
<td>Poly(rC)m*p(dG)_{12-18}</td>
<td>60.00</td>
<td>240.00</td>
</tr>
<tr>
<td></td>
<td>reduced price</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7944</td>
<td>Poly(rC)*p(dG)_{12-18}</td>
<td>40.00</td>
<td>160.00</td>
</tr>
<tr>
<td>7943</td>
<td>Poly(dC)*p(dG)_{12-18}</td>
<td>50.00</td>
<td>200.00</td>
</tr>
<tr>
<td>7878</td>
<td>Poly(rA)*p(dT)_{12-18}</td>
<td>30.00</td>
<td>125.00</td>
</tr>
<tr>
<td>7868</td>
<td>Poly(dA)*p(dT)_{12-18}</td>
<td>38.00</td>
<td>150.00</td>
</tr>
<tr>
<td>7855</td>
<td>Poly(rA)*p(dT)_{10}</td>
<td>30.00</td>
<td>125.00</td>
</tr>
<tr>
<td>7850</td>
<td>Poly(dA)*p(dT)_{10}</td>
<td>38.00</td>
<td>150.00</td>
</tr>
<tr>
<td>7865</td>
<td>Poly(rA)+Poly(dT)</td>
<td>22.50</td>
<td>90.00</td>
</tr>
</tbody>
</table>

*units are measured at 260 nm in 0.1M NaCl at pH 7.0.

MaX-Y line-up

Esterline Angus has the newest and best in X-Y recorders, many models from high speed 2 pen to new stripped down OEM. Maximize your choices: rugged XYY′ Model 540 zips along at up to 30 ips on each axis. Plots 2 independent variables against time or 3rd variable. Multirange with vernier on all axes. One millivolt/in. sensitivity.

OEM Model 575 contains a unique Y-axis pen shuttle with throwaway fiber-tip pen and pen lift in a single assembly. Slew speeds of 50 ips! Single ranges from 1 mV to 10 V/in. Add-on multirange module available for lab use. Full X-Y catalog: Esterline Angus Instrument Corporation, Box 24000, Indianapolis, Indiana 46224. Telephone 317/244-7611.

Scientific Freedom and Responsibility

A new AAAS report deals with both of these complex issues. Scientific Freedom and Responsibility illuminates some of the gray areas that have emerged as science and technology increasingly intersect areas of social and ethical concern. It studies and reports on the conditions required to give scientists and engineers the freedom and responsibility to speak out; it prescribes criteria and procedures for the objective and impartial study of conflicts concerning scientific freedom and responsible scientific conduct; it encourages individuals, professional societies, industrial organizations, and government agencies toward the development of mechanisms for resolving such disputes.

How can we define it?

Are you concerned with the present and future uses—and misuses—of science and technology? Then be sure to add this report to your professional or personal library. You will find its thoughtful, well-written text worth reading time and again.

A report of the AAAS Committee on Scientific Freedom and Responsibility, prepared for the Committee by John T. Edsall.

How can we defend it?

How can we define it?

How can we defend it?

How can we define it?

How can we defend it?

How can we define it?

How can we defend it?

How can we define it?

How can we defend it?

How can we define it?

How can we defend it?

How can we define it?

How can we defend it?

How can we define it?
Post-doctoral position, available summer 1976, for
NEUROPHYSIOLOGIST
interested in biochemical basis of synaptic function. Experience in intracellular recording in molluscans preferred. Starting salary SFr. 36'000.-.

Send CV and two letters of recommendation to:
Dr. I. Levitan
Friedrich Miescher-Institut
Postfach 273
CH-4002 Basel, Switzerland

**Personnel Placement**

Only those employers and individuals who do not discriminate on the basis of race, sex, religion, age, color, or national origin should submit Personnel Placement advertising.

**POSITIONS WANTED**

40¢ per word; use of Box Number counts as 10 additional words. Minimum charge $10. Prepayment required. This rate applies to individuals only, personnel agencies, companies, colleges, and universities take display rate for all advertising.

**DISPLAY** (POSITIONS OPEN, MARKET PLACE, AND SO FORA) $1.00 per line, minimum charge 25¢.

**SCIENCE**, Room 207
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Send copy for display ads, 1/8 page and larger, to:

Scherago Associates, Inc.
11 West 42nd Street
New York, N.Y. 10036

**BLIND AD** replies should be addressed as follows:

Box (give number)

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

**POSITIONS WANTED**

**BOSTON.** Clerical Plus. Very bright person, degree, typing, biochemistry handicap. Can make it in the right position. Please write: Box 281, SCIENCE.

2/6/72

**Clinical Microbiologist:** Ph.D. 1964. Experienced, publications, with teaching experience. Seeks suitable hospital, public health, or academic position. Box 292, SCIENCE.

2/6/72

Ph.D., Histochemistry of early fish development. M.S., cell biology and animal physiology. Four years of postdoctoral experience in histochemistry and histocytology. Mucopolysaccharides and lysosomal enzymes. Publications. Seeking research and/or academic position. Box 293, SCIENCE.

2/6/72

**Medical-Biological Translator, Editor, or Assistant:** French, German, Italian. Spanish into English, full time or part time. Send curriculum vitae, (medical research). B.A. zoology, minor botany. Box 294, SCIENCE.

2/6/72

**Neurobiochemist:** Ph.D. 1968. Postdoctoral experience in neurochemistry. Research on cyclic nucleotides, psychotropes, and cyclic nucleic acids. Seeks academic or full-time research position. Box 295, SCIENCE.

2/6/72

**Neuropathologist:** Ph.D., multidisciplinary background, research/teaching experience, publications, expertise in audiovisual teaching methods, currently associate director of International Brain Library. Locate anywhere. Box 296, SCIENCE.

2/6/72

**Ph.D. Pharmacology:** Desires teaching/research/medical school/applied health science/biology/industry/government. Available September. Box 297, SCIENCE.

2/6/72

**Vertebrate Endocrinologist/Endocrinology/Reproductive Biology:** Ph.D. recent doctorate. Research experience: reproductive and thyroid endocrinology, teratology of environmental chemicals. Training in radioimmunoassay and routine teratology techniques. Teaching experience: embryology, zoology. Seeks academic, research institute, or industrial position. Box 298, SCIENCE.

2/6/72

**ACADEMIC PATHOLOGY:** Positions available at all levels. Individuals should have experience in research and teaching. Inquiries or curriculum vitae should be directed to: Dr. James B. Caulfield, Department of Pathology, University of South Carolina School of Medicine, Columbia, S.C. 29208. The University of South Carolina offers Equal Opportunity in its employment, admissions, and educational activities in compliance with Title IX and other civil rights laws.

**ADJUNCT ASSISTANT PROFESSOR:** Starting salary approximately $16,000. Applications due by 1 July 1976. Requirements: Ph.D. and 1 or 2 years of postdoctoral training in genitourinary and immunology including familiarization with cell fractionation and cellular biology techniques, enzyme purification, radioactive counting techniques including radioautography, and experience with specific antibody production. University of California, Los Angeles. is an Equal Opportunity/Affirmative Action Employer interested in receiving applications from minorities and women candidates as well as other qualified people. Send curriculum vitae and three references to Dr. Roy L. Walford, Department of Pathology, University of California, Los Angeles. Calif. 90024.

**AIR RESOURCES CENTER DIRECTOR,** Oregon State University. Responsibilities: development and coordination of research, educational, and training programs; liaison of state agencies; development of research results. Qualifications: Ph.D., established research reputation, education/research administration in air resources, related disciplines. Send resume and two supporting letters by 1 August 1976 to Dr. J. V. Byrne, Acting Dean of Research, Oregon State University, Corvallis, Oregon 97331. Equal Opportunity Employer.

**ANATOMY**

Two junior faculty positions available as of 1 July 1976. Ph.D., M.D., or D.D.S. required. Teaching areas open in anatomy courses for dental or medical students. Research area open. Submit curriculum vitae and the names of three references to:

Dr. W. Lane Williams, Chairman
Department of Anatomy
University of Mississippi Medical Center
2500 North State Street
Jackson, Mississippi 39216

An Equal Opportunity Employer, M/F

**ASSISTANT PROFESSOR OF ANTHROPOLOGY,** New York University seeks a highly qualified new Ph.D. in social/cultural anthropology or physical anthropology for academic year 1977. Field of specialization not important. Submit curriculum vitae and names of three references to: Professor John Buettner-Janusch, Department of Anatomical Sciences, University of South Florida, New York, New York 10003. An Equal Opportunity/Affirmative Action Employer.

**UNIVERSITY OF CALIFORNIA, IRIEVE SCHOOL OF BIOLOGICAL SCIENCES CHAIRMAN AND EVOLUTIONARY BIOLOGY**

A position is now available for an appointment at the full professor level as chair in the Department of Ecology and Evolutionary Biology in the School of Biological Sciences at the University of California, Irvine. Candidates must have an active research program. Breadth in biological sciences is essential and ecological orientation is preferred. Applications are invited from individuals who are willing to direct a program to train graduate students. Teaching load for the first year is expected to be one course. Send curriculum vitae, transcripts, letters of recommendation, and reprints immediately to Dr. Carl W. Helms, Head, Department of Zoology, University of California, Irvine, Irvine, California 92717. Applicants from all qualified candidates are welcome; minorities and women are encouraged to apply.

**EMBRYOLOGY/DEVELOPMENTAL BIOLOGY**

A temporary 1-year position as visiting assistant professor is available beginning 15 August 1976. Teaching duties include a course in embryology. The Ph.D. is required. Send application, curriculum vitae, transcripts, letters of recommendation, and reprints immediately to Dr. Carl W. Helms, Head, Department of Zoology, University of California, Irvine, Calif. 92717. Telephone: 803-656-3324. Clémont University is an Equal Opportunity/Affirmative Action Employer.
VISITING ASSISTANT PROFESSOR OF BIOCHEMISTRY. Temporary appointment for the 1976-77 academic year. Ph.D. in biochemistry required. Research interest in enzymology preferred. Teaching duties will include introductory and/or advanced biochemistry courses and laboratory facilities available. Send curriculum vitae and three letters of recommendation to: J. M. Shively, Head, Department of Biochemistry, Clemson University, Clemson, South Carolina 29631. Clemson University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, CROP GENETICS—PHYSIOLOGY AND BIOCHEMISTRY. Ph.D. in genetics and/or biochemistry physiology. To develop a basic research program in the biochemical genetics of crop plants and interact with existing programs on starch and protein synthesis. Also to teach courses of expertise. Applications should include curriculum vitae, transcripts, evidence of experience, three reference letters, and names of two possible additional references. Send to: Dr. Mark L. Tomes, Department of Botany and Plant Pathology, Life Science Building, Purdue University, West Lafayette, Indiana 47907. Equal Access/Equal Opportunity Employer.

DENTAL PHARMACOLOGIST. Applications are invited for the position of instructor in the Basic Dental Sciences Department of the University of Florida College of Dentistry. Teaching in both basic science and clinical courses and instruction in oral hygiene are required. Field of research should be related to dentistry. Applicants, including a complete curriculum vitae and names of three persons to be contacted as references, should be sent to: Dr. Parker E. Mahan, College of Dentistry, University of Florida, Box 1424, Gainesville, Florida 32610. An Affirmative Action/Equal Opportunity Employer.

THE INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY P.O. BOX 30772 NAIROBI, KENYA IMMEDIATE VACANCY DEPUTY DIRECTOR (RESEARCH) AT THE ICPE RESEARCH CENTRE (REF.AD/SC/76/60) Applications are invited from suitably qualified and experienced candidates for the senior position of DEPUTY DIRECTOR (RESEARCH) at the ICPE Research Centre in Nairobi, Kenya. It is of utmost importance that the successful candidate is demonstrably a first-class senior scientist, and that he/she has considerable experience in science administration and the coordination of research projects. He/she should also be somewhat familiar with other countries, or someone who has deep interest and wide experience of problems of tropical regions. Ideally, the appointee should have extensive scientific experience in the field of insect science, but candidates in related fields (such as ecology, epidemiology, parasitology, agronomy, and comparative physiology) may be considered. There is no age limit, although preference will be given to those having several years of professional life in research and science administration.

The appointee will work under the general supervision of the Director of the Centre. His/her duties will include the coordination of research programs of this research institute; the development of linkages between the ICPE and African research establishments, the applied research institutes; and the international research centers and agencies throughout the world; communication with ICPE's research consultants; and participation in research training activities. This is a full-time appointment, and it is unlikely that the appointee will have time to carry out his/her own research.

The appointment is for 2 years in the first instance, but may be extended by mutual agreement to a total of 5 years. Salary levels are presently under consideration. We must be, roughly, at professional level. Additional benefits include a small gratuity calculated as a percentage of the basic salary, a housing allowance, a travel and transport allowance, and travel insurance for the appointee and his/her immediate dependents, and travel tickets for the appointee and his/her dependents to take up the appointment. The ICPE wishes to make an appointment within the next 3 months. The closing date for the applications will be 30 June 1976. The application, including a detailed curriculum vitae, should be sent to: The Director The International Centre of Insect Physiology and Ecology P.O. Box 30772 Nairobi, Kenya.


ASSISTANT PROFESSOR, OPHTHALMOLOGY Applications are sought for an ophthalmic pathologist. Requirements for this position include training to meet the qualifications for Board certification in pathology as ophthalmology. Postresidency training in ophthalmic pathology with emphasis on research, particularly electron microscopy, will receive most favorable consideration. Please send inquiries and curriculum vitae to Dr. Stephen J. Ryan, M.D., Estelle Doheny Eye Foundation, University of Southern California School of Medicine, 1355 San Pablo Street, Los Angeles, California 90033. The University of Southern California is an Equal Opportunity/Affirmative Action Employer.

BIOCHEMIST—PROTEIN RESEARCH Ph.D. biochemist with background in physical and enzymatic methods of protein analysis to investigate new in vitro methods of protein quality evaluation. Ability for original research and initiative in taking responsibility for own program is highly desirable. This is an excellent opportunity for advancement with a new division of a growing R & D company. Please send resume to Dr. A. C. Makrides, Biological Division, EIC Corporation, 55 Chapel Street, Newton, Massachusetts 02158. An Equal Opportunity Employer.


ASSISTANT PROFESSOR, MUSCLE BIOLOGY AND MEAT SCIENCE. Applications are invited for persons with a Ph.D. degree in meat science and muscle biology. Responsibilities include graduate and undergraduate teaching and research in the area of fundamental aspects of muscle protein chemistry and/or biosynthesis of muscle protein. Apply with resume to: Dr. S. A. Ewing, Head, Department of Animal Science, Iowa State University, Ames, Iowa 50011. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROVOST FOR ACADEMIC AFFAIRS. To give leadership in eight divisions: Agricultural Business; Agricultural Industries and Services; Agricultural Production; Animal Health Technology; Food Industry and Technology; Home and Family Services; Horticultural Technology; and Related (General) Education. Qualifications: Ph.D. or master's degree in agricultural or related field. Contact: Robert Collins, University of Minnesota Technical College–Waseca, Waseca, Minnesota 56093.

CHAIRMAN CELL AND MOLECULAR BIOLOGY This 25-member department combines the disciplines of microbiology and biochemistry. Applicant must have demonstrated success in medical and graduate education, research, and funding. Send curriculum vitae and references to Dale E. Bockman, Department of Anatomy, Medical College of Georgia, Augusta, Georgia 30902. An Equal Opportunity/Affirmative Action Employer.

Senior Research Associate (Ph.D.) Protein/Colloidal Chemistry As a national leader in the production of nutritional products we have a reputation and position to maintain. To stay ahead we need good people. Right now we're looking for an individual with a Ph.D. in Biochemistry, Biophysics, Food or Dairy Science. Specific course work or specialization in protein chemistry, and/or colloidal chemistry is required. You should have a minimum of 1 year's experience as a Post-Doctoral or Industrial Researcher working in basic research related to food systems. Background with physicochemical investigations of sterile milk systems would be extremely desirable. You must have knowledge of specific up-to-date experimental equipment such as: electrophoresis, ultracentrifugation, chromatography, or electron microscopy; basic research-oriented; be scientifically creative and possess a high degree of individual persistence and orderliness.

We offer an excellent salary and benefits program plus potential for future advancement. Please send resume, including salary history to: Manager, Executive Employment MeadJohnson & Company Evansville, Indiana 47721 An Equal Opportunity Employer Male and Female May Apply
ания.

An Equal Opportunity/Affirmative Action Employer.

DEAN, SCHOOL OF NATURAL SCIENCES AND MATHEMATICS
SLIPPERY ROCK STATE COLLEGE

DUTIES: responsible for providing leadership in developing and implementing programs in the disciplines of biology, chemistry, geology, mathematics, and physics; assist in the development of academic policies and procedures; provide direction and supervision in matters of budget, personnel, and research.

Qualifications: significant experience in college teaching; earned doctorate in one of the school's disciplines; demonstrated leadership and administrative ability.

Salary: $25,663 to $34,132. Starting date: earliest, 25 August 1976. Applications containing resumes, undergraduate and graduate transcripts, letters of recommendation, and other supporting documents should be submitted no later than 10 July 1976 to:

Louis Razzano, Chairman, Search Committee
Slippery Rock State College
Slippery Rock, Pennsylvania 16057

An Equal Opportunity/Affirmative Action Employer.

RUTGERS UNIVERSITY

Two assistant professorships are available for September 1976 in the Department of Biology at Livingston College, the newest of the several biology departments at Rutgers' New Brunswick campus: (i) DEVELOPMENTAL BIOLOGIST with research interest in marine biology, neuroendocrinology, and immunology; (ii) BEHAVIORAL BIOLOGIST with research specialization in social behavior. In addition to an understanding of and a graduate course in the respective disciplines, one appointee will be responsible for a required organismic physiology course with a strong emphasis in the general biological course for freshmen. We desire applicants who can give effectiveness as teachers with outstanding potential as imaginative researchers. Send curriculum vitae immediately to Dr. Ronald J. Barfield, Search Committee, Department of Biology, Livingston College, Rutgers University, New Brunswick, N.J. 08803. An Equal Opportunity Employer.

ECOLOGIST. Applications are invited for a position at the assistant professor level. Teaching duties include instruction in environmental biology and graduate courses in ecology, environmental science, and areas of specialization. Ph.D. required. Active research and publication expected. Applications and resumes supported by three letters of recommendation must be received by 15 July 1976. Apply to: Search Committee, Department of Biology, State University College, Fredonia, N.Y. 14063. An Equal Opportunity/Affirmative Action Employer.

PHARMACOLOGISTS. Faculty positions are available in Psycho-, Neuro-, GI, endocrine, and clinical pharmacology and in toxicology with ranks dependent on experience. Minimal requirement is a doctoral degree, productive postdoctoral experience, and commitment to research and teaching. Submit curriculum vitae, three letters of recommendation, and a brief statement of research interests to: Dr. David A. Tavazzon, Chairman, Department of Pharmacology and Toxicology, University of Texas Medical Branch, Galveston, Texas 77550. An Equal Opportunity (MEP) Employer.
R&D SCIENTIST
(Product Testing Area)

We are looking for an individual who will be responsible for designing and implementing evaluation programs for consumer-oriented testing of SCHICK and competitive products. This includes wet shaving, small appliances, and some toiletries products.

The position requires a Bachelor's in Science or Engineering plus a Masters Degree in a similar area with at least 5 years of applicable experience. Background should include expertise in materials technology, electromechanical instrumentation and consumer oriented product evaluation.

We offer an excellent fringe package and broad advancement opportunities. If interested, please send resume and salary history in confidence to Employment Manager.

Personal Products Division
WARNER-LAMBERT CO.
10 Webster Rd.
Milford, Conn. 06460
An equal opportunity employer M/F

ASSOCIATE DIRECTOR
CLINICAL CENTER
NATIONAL INSTITUTES OF HEALTH

The Clinical Center, National Institutes of Health, invites nomination and application for the position of Associate Director for Training and Education. The Clinical Center is a 500-bed research hospital in which 10 research institutes conduct clinical investigations. The incumbent is responsible for the leadership and supervision of professional educational activities for medical students and clinical associates, and for coordination of existing and future residency training programs at the NIH.

Prefer applicants with a M.D. degree and demonstrated achievement in clinical research. The position requires a high degree of scientific knowledge, leadership, executive ability and a desire to work with young physicians.

Position will be filled by appointment to the U.S. Public Health Service Commissioned Corps or to a top U.S. Civil Service grade. Salary will range between $37,800 and $45,000 depending on qualifications. Letters of interest, curriculum vitae, and bibliography should be sent to the Chairman of the Search Committee:

Dr. Alan Rabson, Director
Division of Cancer Biology and Diagnosis
NATIONAL INSTITUTES OF HEALTH
Public Health Service
Building 31, Room 3A-03, Bethesda, Maryland 20014
Deadline for receipt of application: August 2, 1976
An Equal Opportunity Employer

If Biochemical Pharmacology is your field...

McNeil is your company!

After all, McNeil Laboratories is a leading manufacturer of ethical and over-the-counter pharmaceutical products with an outstanding growth record in research and manufacturing. A challenging career opportunity is now available for a Research Scientist with a PhD or equivalent. You'll be part of a newly created multi-disciplinary team whose efforts will be directed toward elucidating mechanisms of drug toxicity. To qualify for this position you should be familiar with mechanisms of liver toxicity, demonstrate qualities of innovativeness and competence in research, and have the ability to work independently and as a scientific team member.

You'll enjoy working in an ultra modern headquarters complex in a beautiful rural setting in Fort Washington, Pa., close enough to Philadelphia so that you can enjoy all of the city's famous cultural and historic activities. Seashore and Pocono Mountain resorts are only an hour's drive. McNeil is a Johnson & Johnson Company offering an excellent starting salary and a top package of employee benefits, and unlimited opportunity for career development.

For immediate consideration submit your letter or resume and two letters of recommendation to our Employment Manager.

McNeil Laboratories, Inc.
Fort Washington, Pa. 19034

An Equal Opportunity Employer, M/F/H

AAAS Memberships and Subscriptions

Whenever you write us about your membership or subscription, please attach a Science address label to assure prompt service.

Mail to: Membership and Subscription Records, AAAS, 1515 Massachusetts Ave., NW, Washington, D.C. 20005.

Change of Address: Please provide 6 weeks' notice. Paste an address label from a recent issue in the space provided. Print new address below.

Query: If you have a question, place your address label here and attach this form to your letter.

To join or subscribe: Mail this form with your payment, mark the appropriate boxes, and print your name and address in the space below. (For renewals, attach label.)

Membership rates (individual only)

- $25 USA
- $35 Canada, PUAS
- $38 Foreign
- $55 Air-surface delivery via Holland

Subscriber rates

- $50 USA
- $60 Canada, PUAS
- $63 Foreign
- $80 Air-surface delivery via Holland

Payment enclosed
Bill me later

Name
Please print
Address

City State Zip
POSITIONS OPEN

PATHOLOGY

Chairperson or Head, Department of Pathology

Position available at the Peoria School of Medicine, one of the three clinical schools within the University of Illinois College of Medicine. Applicants must be graduates of medical school, Board-certified in one of the boards of pathology, licensed or eligible for licensure in the State of Illinois, and have experience in administration, teaching, and/or research. Duties include the development of programs for the graduate and continuing education in pathology; the recruitment of faculty to meet the needs of the department; the development of an effective relationship with the clinical faculty; the support of research and other scholarly activities of the department; and representing the Department of Pathology on university-wide and academic and administrative committees. Salary will be commensurate with experience and qualifications. The position is available immediately. Starting date to be negotiated. Interested persons should send their curriculum vitae to:

Dr. F. J. Grundbacher, Chairman, Search Committee
Peoria School of Medicine
1400 West Main Street
Peoria, Illinois 61606

Applications will be accepted until 15 August 1976.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

TWO POSTDOCTORAL APPOINTMENTS available immediately for recent graduates in chemistry or biology with experience in DNA analysis.

Research involves environmental and metabolic studies of natural and synthetic compounds. Experience in microbiology, biochemistry, and general research is required.

Send curriculum vitae to: Dr. Michael S. Aronson, Department of Chemistry, University of Wisconsin, Madison, Wisconsin 53706. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS open in respiratory physiology to study the effects of hyperbaric oxygen exposure on the pulmonary circulation. Research involves pulmonary circulation, pulmonary hypotheses of pulmonary hypertension, and cardiovascular interactions. Applicants should have a Ph.D. in physiology or a related field. Applications are encouraged from candidates who are interested in working with animals or human subjects. Send curriculum vitae and three references to: Dr. J. W. Daughters, Department of Physiology, University of Michigan, Ann Arbor, Michigan 48104. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION—Immediate opening for recent Ph.D. in biochemistry to work on the regulation of transcription. Work involves the elucidation of regulatory mechanisms of gene expression and the identification of regulatory elements. Applicants must have a Ph.D. in biochemistry or a related field. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION (Ph.D. required) available immediately for studies on animal behavior and nutrition. Research involves the study of the effects of dietary manipulation on the behavior of laboratory animals. Experience in animal behavior and nutrition is required. Send curriculum vitae and three references to Dr. John S. Baur, Department of Animal Science, University of Wisconsin-Madison, Madison, Wisconsin 53706. An Equal Opportunity/Affirmative Action Employer.

The University of Illinois, College of Medicine, has POSTDOCTORAL RESEARCH POSITIONS available in the Department of Microbiology. In the areas of virology, immunology, regulation of mammalian cell growth, enzyme regulation in bacteria, and mammalian cells, and development of genetic and nucleic acid metabolism of bacteria. Applicants must have a Ph.D. and a background in the quantitative aspects of biochemistry, microbiology, or genetics. Applications from all qualified candidates are welcomed; minorities and women are encouraged. Interested individuals should write: Dr. John S. Baur, Department of Animal Science, University of Illinois, Urbana, Illinois 61801. An Equal Opportunity/Affirmative Action Employer.

The DEPARTMENT OF PSYCHOLOGY at Indiana University, Bloomington, has three openings for new or recent Ph.D.'s. The positions are in development of psychotherapists, psychologists, and clinical psychologists. Applicants would be expected to teach at both the undergraduate and graduate levels and to carry out research and supervision. Applications are requested to indicate the special area(s) of research interest on which the positions they are seeking. Please send curriculum vitae and three references to: Dr. K. J. J. Saltzman, Department of Psychology, Indiana University, Bloomington, Indiana 47405. Indiana University is an Equal Opportunity Employer.

RADIATION BIOLOGIST to work in close association with clinical radiation therapists to head up an expanded research program. Experience in tissue culture and able to conduct research support are essential. Salary open. Address inquiries, including resume and references, to Dr. L. M. Ulbright, M.D., Ph.D., Medical College of Wisconsin 8700 West Wisconsin Avenue Milwaukee, Wisconsin 53226 Equal Opportunity Employer.

RESEARCH ASSOCIATE, BIOCHEMIST. Seeking individuals with area in interest of lipid transport, plasma lipoproteins, and mechanisms of lipoprotein metabolism. Application should indicate experience in protein purification, enzymology, and catalysis. Salary is dependent upon training and experience of individual. Send curriculum vitae and names of references to: Dr. Andre Benassou, Division of Nutritional Sciences, Cornell University, Ithaca, N.Y. 14853. Cornell is an Equal Opportunity Employer.

TUMOR VIROLOGIST

Research position available for RNA tumor virologist. Primary appointment will be as an assistant member in the Fred Hutchinson Cancer Research Center, with a joint appointment as a research assistant professor in the Department of Microbiology, University of Washington. Applicants should have postdoctoral experience in the area of tumor virology and have a current or recent curriculum vitae, a summary of research interests, and three references to: Dr. R. Nowinski, Fred Hutchinson Cancer Research Center, 1124 East Ivy Street, Washington 98104. An Equal Opportunity/Affirmative Action Employer.

WEED SCIENTIST—VEGETABLE CROPS

Assistant professor to conduct field, laboratory, and greenhouse research relating to control of weeds in vegetable crops. Opportunity for undergraduate teaching in weed science. Ph.D. required. Experience in weed science, physiology, and applied research in vegetablecrop production. Applications should be immediately available. Submit curriculum vitae and three letters of reference to: Dr. Donald R. Rieme, Department of Soil Science, Rutgers University P.O. Box 231 New Brunswick, N.J. 08903 An Equal Opportunity/Affirmative Action Employer.

PRE- AND POSTDOCTORAL POSITIONS are available for studies on the protein synthesizing system with special emphasis on ribosomes and topography, biosynthesis, and function—under various conditions of growth, and during development. Applications are available. Reply with resume to: Professor Bruce E. Sells, Laboratories of Molecular Biology, Faculty of Medicine, University of New Brunswick, Fredericton, New Brunswick, Canada A1C 5S7.

RESEARCH ASSOCIATE

Strong background in public health (epidemiology and biostatistics). To develop interviewing protocols; computer analysis; utilization of SPSS computer program personnel supervision and ability to write reports. Immediate opening. Send resume to Box 242, Waterman Building, University of Vermont, Burlington, Vermont 05404. An Affirmative Action Employer.

FELLOWSHIPS

Opportunities are available for postdoctorals and for graduate students who have completed at least 2 years of courses to receive research training in PSYCHIATRIC EPIDEMIOLOGY. Students from the fields of public health, the social sciences, and medicine are eligible. The program consists of courses in statistics, research design, psychiatric epidemiology, experience, field placements in ongoing research programs, and faculty/student affiliations. Applications are invited as postdoctorals at $9,000 per year and for postdoctorals at $12,100 to $14,000. Please call or write: Frederick S. Mendelsohn, M.D., Training Director, Psychiatric Epidemiology Training Program, Department of Psychiatry, College of Physicians and Surgeons, Columbia University, Tower 3-30F, 100 Avenue New York, N.Y. 10032, Telephone: 212-795-0435.

BIOGEOCHEMIST-ECOLOGIST

CALIFORNIA INSTITUTE OF TECHNOLOGY invites applications for a postdoctoral fellowship available in the field of biogeochemistry. Background experience in chemistry and zoology is required. Research deals with occurrence of trace metals in subalpine ecosystems. Research fellowships in geology, general geochemistry, geophysics, geobiology, and planetary science are also available from time to time.

Interested persons are asked to contact the Chairmen, Division of Geology and Geophysics, California Institute of Technology, Pasadena, California 91125.

MARKET PLACE

FOR SALE: Used electron microscope Hitachi 11C. complete. Excellent condition (in present use) and under continuous service. For details contact: Dr. L. L. Ross, Medical College of Pennsylvania, Philadelphia, Pennsylvania 19129. Telephone: 215-842-7032.
There's something very special about this line of HP XY recorders...

the newest addition is the fastest most sensitive machine we've ever built.

HP's line of XY recorders is designed to let you choose the right machine with the right options to do the right kind of job for your lab. First: a basic one-pen workhorse. Then, a fast high-performance version. And a two-pen model that doesn't sacrifice speed.

Now, HP introduces a very special combination of acceleration and sensitivity: The Model 7047A.

This is an outstanding XY recorder, the top of the line. Sensitivity of 50 μV/in.

Acceleration in the Y axis of 3000 in/sec² and 2000 in/sec² in the X axis. With fully guarded input and 130db common mode rejection.

To meet the demands of the most exacting lab work, the 7047A gives you a switchable input filter, 11 scales of calibrated offset, internal time base and TTL remote control. All as standard equipment.

And like all recorders in the line, the 7047A is built on a strong die-cast aluminum mainframe. Inside, there are no complicated slip clutches, just tough, continuous duty servo motors that can be driven offscale independently without damage.

This is the best of the best XY recorders ever offered by Hewlett-Packard. Prices start at $2,850 (domestic USA price only). For complete details on the new 7047A and the other recorders in the HP line, see your HP field representative or write Hewlett-Packard, 1501 Page Mill Road, Palo Alto, California 94304.
AO set the stage for smooth, responsive focusing. Only the nosepiece moves.

The AO® Series 10 MICROSTAR® Microscopes have a fixed stage. The focusing is done by moving the nosepiece.

You benefit in several ways from this exclusive proven design. The fixed stage gives you better image stability and less vibration. There's no rack-and-pinion to clean and maintain. The stage is locked in place, but you can still adjust it to accommodate chambers, tissue cultures, bottles and tubes.

The AO focusing mechanism is gravity-loaded; there's no positive force to damage the slide or objective when focusing. If contact is made, the nosepiece assembly will "give."

Of course, there are many other important reasons why the AO MICROSTAR Microscope should be in your lab: continuously variable illuminator with longer life Halogen lamp, built-in transformer, infinity corrected optics, easy-to-add accessories, and more.

Ask your AO dealer for a demonstration. Circle the number for information. Or write for a detailed brochure. American Optical, Scientific Instrument Division, Buffalo, NY 14215.

Circle No. 293 on Readers' Service Card