

## AAAS NEWS

(Continued from page 440)

nating Committee of the Associations for the Advancement of Science in the Americas to become editor of the new trilingual (Spanish, English, and Portuguese) journal, *Science and Man*. Roche, 54, is widely regarded as one of Latin America's most distinguished scientists. He has been professor of physiopathology at the Central University of Venezuela since 1958.

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**Communications:** The Department will be cosponsoring a seminar on Food and Nutrition with the Fernbank Science Center in Atlanta, 15-16 May. In conjunction with the seminar, an experimental membership registration project was conducted. Two-page questionnaires were mailed to the 864 AAAS members in the Atlanta area, inquiring about their interest in public understanding of science activities, both with the AAAS and the Fernbank Center. The response has been very good.

Other regional seminars planned by the Department are "Energy: Alternatives for Ohio," to be held in Cleveland 9-10 May; and "Energy Conservation—Resource Recycling and Reclamation," in Montgomery, Alabama, 10-11 June. The Department is also assisting the Weekend College of Wayne State in Detroit with their plans for a food science seminar the last weekend in May.

**NOVA Program Schedule:** The full 1974-75 NOVA season will be rebroadcast over all PBS stations, beginning Tuesday, 22 April, at 8:30 p.m. and repeating Saturday, 26 April, at 8:00 p.m. The program schedule for May is:

6 May. *The Hunting of the Quark*. Smashing matter into ever smaller pieces in an attempt to find its fundamental building blocks has produced a confused nightmare of particles. One way they can be made sense of is to postulate the existence of the quark (BBC).

13 May. *The Secrets of Sleep*. Most of us spend one-third of our lives in a state of which we understand remarkably little. The film challenges traditional notions about how much sleep we need (BBC/WGBH).

20 May. *Inside the Golden Gate*. How San Francisco Bay works—its physics, chemistry, biology (WGBH).

27 May. *The Men Who Painted Caves*. French and American archeologists piece together cave art of the last Ice Age (BBC).

## BOOKS RECEIVED

(Continued from page 444)

**Functional Chemistry of the Brain.** Adrian J. Dunn and Stephen C. Bondy. SP Books (Spectrum Publications), Flushing, N.Y., 1974 (distributor, Halsted [Wiley], New York). xvi, 272 pp., illus. \$14.95. Monographs in Modern Neurobiology.

**The Growth of Competence.** Proceedings of a meeting, London, Jan. 1972. Kevin Connolly and Jerome Bruner, Eds. Academic Press, New York, 1974. xii, 328 pp., illus. \$17.50. Developmental Sciences Series.

**Handbook of Applied Mathematics.** Selected Results and Methods. Carl E. Pearson, Ed. Van Nostrand Reinhold, New York, 1974. xiv, 1266 pp., illus. \$37.50.

**Initial Reports of the Deep Sea Drilling Project.** Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES). Vol. 26. Sept.-Oct. 1972. Prepared for the National Science Foundation by the Scripps Institution of Oceanography, La Jolla, Calif., 1974 (available from the Superintendent of Documents, Washington, D.C.). xx, 1130 pp., illus. \$20.15.

**Lifespan and Factors Affecting It.** Aging Theories in Gerontology. Daniel Hershey. Thomas, Springfield, Ill., 1974. xiv, 158 pp., illus. Paper, \$9.75.

**Manter and Gatz's Essentials of Clinical Neuroanatomy and Neurophysiology.** Ronald G. Clark. Davis, Philadelphia, ed. 5, 1975. viii, 182 pp., illus. Paper, \$6.

**The Nebular Variables.** John S. Glasby. Pergamon, New York, 1974. x, 210 pp., illus. \$22.50. International Series of Monographs in Natural Philosophy, vol. 69.

**North of Latitude Eighty.** The Defence Research Board in Ellesmere Island. G. Hattersley-Smith. Canada Defence Research Board, Ottawa, 1974 (available from Information Canada, Ottawa). x, 122 pp., illus. + loose map. Paper, \$C6.75.

**Pain Patients.** Traits and Treatment. Richard A. Sternbach. Academic Press, New York, 1974. xiv, 136 pp., illus. \$9.50.

**PASCAL.** User Manual and Report. Kathleen Jensen and Niklaus Wirth. Springer-Verlag, New York, 1974. viii, 170 pp., illus. Paper, \$8.20. Lecture Notes in Computer Science, vol. 18.

**Perception.** Essays in Honor of James J. Gibson. Robert B. MacLeod and Herbert L. Pick, Jr., Eds. Cornell University Press, Ithaca, N.Y., 1974. 318 pp., illus. \$14.50.

**Planet Earth.** Readings from *Scientific American*. Frank Press and Raymond Siever, Eds. Freeman, San Francisco, 1974. x, 304 pp., illus. Cloth, \$12; paper, \$6.95.

**Polymer-Plastics Technology and Engineering.** Vol. 3. Louis Naturman, Ed. Dekker, New York, 1974. xiv, 252 pp., illus. \$29.50.

**Scanning Electron Microscopy.** Oliver C. Wells with portions contributed by Alan Boyde, Eric Lifshin, and Alex Rezanowich. McGraw-Hill, New York, 1974. xviii, 422 pp., illus. \$22.95.

**The Science and Politics of I.Q.** Leon J. Kamin. Erlbaum, Potomac, Md., 1974 (distributor, Halsted [Wiley], New York). viii, 184 pp. \$10.95. Complex Human Behavior.

# Personnel Placement

## POSITIONS WANTED

**Biochemist.** Ph.D., neuropsychiatric diseases, human neurochemistry, psychotropic drugs, and CNS. Established basic research program, many publications. Desires position involving clinical work with scope of basic research. Box 202, SCIENCE. X

**Biochemist-Chemist** (physiology). M.S. Ph.D., FAIC. Broad research interest and experience; college teaching, pharmaceuticals, hospital clinical chemistry, toxicology, and cancer. Desires responsible academic, research institute, or industry, East, publications. Box 203, SCIENCE. X

**Biologist, Microbiologist, D.Sc.,** medical sciences and public health training. Independent investigator, publications. Several years of responsible experience humoral cellular immunology, air-borne infections, drug research. Seeks senior academic, government research position, or research-teaching. Box 206, SCIENCE. X

**Microbiologist/MT (ASCP),** 1960. Experienced in clinical microbiology/teaching student technologists. Particularly interested in quality control in clinical microbiology; gram negative rods; mycobacterium; anaerobes. Box 204, SCIENCE. X

**Molecular Immunologist-Microbiologist** seeks employment. Wide experience. Research emphasis has been on the structure and function of immunoglobulins. Able researcher and teacher. Prefer near Northwest and Northeast. Box 205, SCIENCE. 5/9, 16, 23

## POSITIONS OPEN

### AIR POLLUTION METEOROLOGIST OR ENGINEER

The University of Maryland Meteorology Program has an opening for a Research Associate to participate in an interdisciplinary effort to characterize emissions and evaluate environmental impact of salt water natural draft cooling towers. The position involves assuming major responsibility in coordinating and implementing the meteorological support of this project. The applicant should preferably have a Ph.D. degree in Meteorology or Environmental Engineering with background in micrometeorology and air pollution. Please forward résumé with two references: **Professor G. Israel, Meteorology Program, University of Maryland, College Park, Md. 20742.**

### ANATOMY/ASSISTANT DEPARTMENT DIRECTOR HARVARD UNIVERSITY MEDICAL SCHOOL

Requires Ph.D. or equivalent academic/research experience in Biology or Anatomy with sufficient teaching experience to organize the Department Teaching Aids Program and to coordinate it with that of the Medical School. In addition, the Assistant Director, in collaboration with the Chairman, will develop and administer an imaginative departmental program emphasizing communication and cooperation among faculty members, employees, students, and administrators, and will directly supervise the departmental nonteaching staff. Please submit résumé to: **Personnel Office, Harvard University Medical Area, 25 Shattuck Street, Boston, Mass. 02115. An Affirmative Action/Equal Opportunity Employer.**

### AQUARIUM DIRECTOR

Applicants are sought for the position of Director, Waikiki Aquarium, Honolulu, Hawaii. The Waikiki Aquarium is supported by state funds and administered by the University of Hawaii. The Director will carry faculty affiliation in the department closest to her/his interests. Appointees are expected to institute innovative programs which will further the Aquarium use in education and recreation and establish close ties with marine research in the State. Salary level commensurate with experience and qualification up to \$25,000. Inquiries, curriculum vitae, and three letters of reference should be addressed to: **Dean John Craven, Dean of Marine Programs, University of Hawaii, Honolulu, Hawaii 96822.** Deadline for applications is 15 May 1975. *The University of Hawaii is an Equal Opportunity Employer.*

## POSITIONS OPEN

**ANATOMIST**, to teach human anatomy to undergraduates and graduates majoring in applied anatomy and physiology and health professions. Expected to develop personal research program attractive to graduate students. 9-month academic year, starting 1 September 1975. Encourage applicants with an appreciation for the relationship of basic science to health science and the health professions. Applicants should send letter of interest, curriculum vitae, and list of references to: **Chairperson, Department of Health Sciences, Sargent College of Allied Health Professions, Boston University, Boston, Mass. 02215. Affirmative Action/Equal Opportunity Employer.**

### ANATOMIST

M.D. or Ph.D. with experience in teaching and in independent research. Should be able to assist in the teaching of any of the branches of anatomy to medical and dental students. Salary and rank depend on qualifications and experience. Apply with curriculum vitae and references before 15 May to **Dr. S. M. Friedman, Department of Anatomy, The University of British Columbia, Vancouver, B.C. V6T 1W5.**

**ANATOMIST:** Applications are invited from individuals with Ph.D. in Anatomy and/or M.D. degree for position as Instructor. Primary teaching responsibilities to be in Human Gross Anatomy. Candidates demonstrating strong research potential in any area other than Neurobiology are invited to apply. Areas such as Cellular, Developmental, or Reproductive Biology are preferred. For further information or to submit curriculum vitae and names of three references, please contact: **Dr. A. V. Boccabella, Department of Anatomy, College of Medicine & Dentistry of New Jersey, New Jersey Medical School, 100 Bergen St., Newark, N.J. 07103. CMDNJ-NJMS is an Equal Opportunity/Affirmative Action Employer.**

### THOMAS HUNT MORGAN SCHOOL OF BIOLOGICAL SCIENCES UNIVERSITY OF KENTUCKY

Applications are invited for one available faculty position in the area of population biology at the Assistant Professor level. Qualifications: Ph.D. degree, with a strong mathematics background, an interest in developing an active research program, the ability to develop and teach advanced courses, and competency in teaching an introductory course in zoology. Send curriculum vitae, a brief description of experience, and current interests in teaching and research, and the names and addresses of at least three references to: **Office of the Director, T. H. Morgan School of Biological Sciences, University of Kentucky, Lexington, Kentucky 40506. Deadline for application is 4 weeks after the appearance of this notice. An Equal Opportunity/Affirmative Action Employer.**

**ASSISTANT PROFESSOR OF PSYCHOLOGY.** Ph.D. with broad training in general psychology and major interest in *developmental* or *perception* with supporting interests in one or more of the following: perception, developmental, clinical, personality-social, neuropsychology to fill new and permanent position.

**Duties:** Establish research program in specialty; teach graduate and undergraduate courses. Initial appointment beginning 1 September 1975. Send current curriculum vitae, graduate transcript, and three supporting letters to: **Dr. Robert K. Klepac, Chairman, Department of Psychology, North Dakota State University, Fargo, N.D. 58102. An Equal Opportunity/Affirmative Action Employer.**

**ASSOCIATE IN RESEARCH** in the area of comparative visual physiology and behavior. Should have an M.S. in Biology, preferably be experienced in electron microscopy and the editorial preparation of scientific papers. Should be available for international travel as required. Send résumé to: **Mrs. Roberta Clouet, Yale University, Department of Biology, Kline Biology Tower, 219 Prospect St., New Haven, Conn. 06520. An Equal Opportunity/Affirmative Action Employer.**

### BIOCHEMIST

Assistant Professor, Ph.D., with teaching and research experience. Teach biochemistry to dental and M.S. students. Opportunity for independent or collaborative research program. Submit curriculum vitae and references to **Chairman, Department of Biochemistry, Fairleigh Dickinson University, School of Dentistry, 110 Fuller Place, Hackensack, New Jersey 07601. An Equal Opportunity/Affirmative Action Employer.**

## POSITIONS OPEN

**ASSISTANT PROFESSOR, M.D. or Ph.D.** to take part in a project pursued in the Department of Physiology in cooperation with the hematology section of the Department of Medicine to apply modern physiological and biochemical methods to the investigation of the membrane characteristics of normal and abnormal red blood cells. M.D. applicants should have completed clinical training in order to undertake clinical responsibilities in the hematology section. All applicants should have a strong background and interest in the metabolic and physiological properties of red cells. Starting date negotiable. Send curriculum vitae and names of persons who may be requested to supply references to **Department of Physiology, Yale University, 333 Cedar Street, New Haven, Conn. 06510.**

*Applications from women and members of minority groups are encouraged.*

### ASSISTANT PROFESSOR: BIOCHEMISTRY

A faculty position at the rank of **Assistant Professor** will be available on or after 1 September 1975. The primary requirement is promise of excellence in teaching and research, but preference will be given to applicants with demonstrated competence in some aspect of the **molecular genetics of eukaryotes.**

Applicants should submit a curriculum vitae and list of publications, a brief description of their proposed research, and the names of three references to **Chairman of Search Committee, Department of Biochemistry, Duke University Medical Center, Durham, North Carolina 27710.**

*Duke University is an Equal Opportunity/Affirmative Action Employer.*

**ASSISTANT PROFESSOR OF MEDICINE** with training (Board eligible) in Cardiovascular Diseases and research training in laboratory cardiac electrophysiology, that is, familiarity with micro-electrode and voltage clamp theory and practice. Applications for this position from qualified individuals are requested. *Columbia University is an Equal Opportunity Employer and women and minority group members are encouraged to apply.* Send curriculum vitae and bibliography to **Charles A. Ragan, Jr. M.D., Department of Medicine, Columbia University College of Physicians and Surgeons, 630 West 168 Street, New York, N.Y. 10032.**

Opening for **ASSISTANT PROFESSOR OF PATHOLOGY.** Board certified eligible in Anatomic Pathology. Teaching and research responsibilities also required. All candidates will be reviewed without regard to race, color, creed, or sex. *University of California is an Equal Opportunity Employer.* Send résumé to: **Julien L. Van Lancker, M.D., Professor and Chairman, Department of Pathology, University of California, Los Angeles, Calif. 90024.**

### ASSISTANT RESEARCH SCIENTIST IN IMMUNOLOGY

Full-time position for Ph.D. to direct modern immunology laboratory in multidisciplinary environment and develop research program in the immunopathological mechanisms of dental caries or periodontal disease. Salary commensurate with preparation and experience. Send résumé including publications and names of references to: **Dr. Don B. Clewell, The University of Michigan Dental Research Institute, Ann Arbor, Michigan 48104. A Nondiscriminating Affirmative Action Employer.**

The Outdoor Biology Instructional Strategies (OBIS) Development Group has an opening for an **author-developer of biological activities** for children. Applicants must have leadership experience with 10- to 15-year-old children and a background in both aquatic and terrestrial environments.

Applications should be submitted to **Dr. Herbert Thier, Co-Director of OBIS, Lawrence Hall of Science, University of California, Berkeley, Calif. 94720.**

Applications are invited for **CHAIRPERSON** of the Department of Biology.

The position (Associate or Full Professor) includes administrative and teaching responsibilities in a 4-year undergraduate program. The department offers concentrations in botany, zoology, and preprofessional and allied health areas. Demonstrated evidence of achievement in research and teaching is desired. Salary commensurate with training and experience. Inquiries should be addressed to **Dr. H. L. Stirewilt, Search Committee, Department of Biology (Telephone: 404-828-3201), Augusta College, Augusta, Georgia 30904. An Equal Opportunity/Affirmative Action Employer.**

## POSITIONS OPEN

### BIOMEDICAL RESEARCH IN IRAN

Plans are being made for the establishment in the next few years of a new institute for fundamental research in the biomedical sciences in Iran. The senior professional staff members will carry out research programs of their own choosing. They will be responsible for training junior postdoctoral colleagues in the institute, but will not have routine teaching responsibilities for undergraduate or medical students.

Openings may be available for senior and junior professional staff members and for postdoctoral appointments. Candidates with the Ph.D. and/or M.D. degree and with experience in research are invited to apply as soon as possible. Please forward curriculum vitae and list of publications, and describe areas of research interest.

All replies held in strict confidence by major private U.S. university. **Box 199, SCIENCE.**

### DIRECTOR OF LABORATORY ANIMAL CARE

Emory University is seeking a highly qualified veterinarian, preferably with American College of Laboratory Animal Medicine certification or eligibility, to organize and direct a program of animal care in support of its teaching and research programs. Affiliation with an academic department and research and teaching opportunities may be arranged as appropriate. Applicants should send curriculum vitae and references to: **Dr. J. D. Neill, Chairman, Animal Care Committee, Department of Physiology, Emory University, Atlanta, Georgia 30322. An Equal Opportunity/Affirmative Action Employer.**

The University of Washington is seeking a **DIRECTOR OF THE QUATERNARY RESEARCH CENTER**, an interdisciplinary unit of the Graduate School involving a number of different departments. The position is open to an individual from one of the disciplines related to Quaternary research. The position is a full-time faculty appointment with tenure, and the person appointed will be expected to continue research in his/her field as well as to direct the Center. An earned doctorate and a strong record of research and teaching in Quaternary science are required. Salary is negotiable.

Applicants should mail a curriculum vitae to **Dr. James S. Bethel, Chairman of QRC Search Committee, Dean of College of Forest Resources, University of Washington, Seattle, Washington 98195.**

*Equal Opportunity/Affirmative Action Employer*

### ANTICIPATED FACULTY POSITION Lecturer/Instructor/Assistant Professor

Full-time teaching position in botany, mycology and plant pathology, and plant physiology. Candidate should have a strong background in botany with capability of teaching botany theory and laboratory. Candidate should have specialized training in the fields of plant physiology, mycology, and plant pathology. Candidate should also have had field experience in the identification and control of plant diseases. As a further requirement, applicant would also be responsible for the care and supervision of the greenhouses in the Biology Department. Doctorate preferred, but a master's degree in biology or related fields (agriculture, horticulture) is required. Previous college-level teaching experience desired. Salary range: \$10,000 to \$16,000. Closing date for application: 7 May 1975. Send résumé to:

**Dr. Ursula Schwerin  
Dean of Instruction  
State University of New York  
Farmingdale, N.Y. 11735**

*State University of New York is an Equal Opportunity/Affirmative Action Employer.*

**INVERTEBRATE FISHERIES AND AQUACULTURE.** Full-time position divided between teaching and research. Teaching includes one to two courses per semester in invertebrate fisheries and culture. Appointee must be trained and experienced in crustacean culture, and be prepared to direct *Macrobrachium* research. Begins September 1975; salary and rank negotiable. Send curriculum vitae, three letters of recommendation, and reprints to: **James G. Teer, Department of Wildlife and Fisheries Sciences, Texas A&M University, College Station, Texas 77843. An Affirmative Action/Equal Opportunity Employer.**

**MICROBIOLOGIST.** Faculty position. Assistant professorship—teaching; a general microbiology course serving all university undergraduates and participation in related courses relevant to medical technology. Send letter of application, curriculum vitae, and names of three references to: **S. D. Rodenberg, Dean, School of Allied Medical Professions, University of Pennsylvania, 3901 Pine Street, Philadelphia, Pa. 19174. An Equal Opportunity Employer.**

## POSITIONS OPEN

### MARINE SCIENCE

The Sea Education Association (SEA) invites applications from marine scientists (preferably recent Ph.D.'s with extensive shipboard experience) to serve in SEA SEMESTER program (accredited by Boston University) as both: (i) staff scientist during several 6-week cruises each year aboard *R/V Westward* (100-foot auxiliary schooner); and (ii) instructor in undergraduate courses taught ashore in Woods Hole, Massachusetts. Send résumé and names of three referees to: **Dr. Edward C. Monahan, Director of Education and Research, SEA, c/o Marine Biological Laboratory, Woods Hole, Massachusetts 02543.**

**MICROBIOLOGY—FACULTY POSITION.** Ph.D. in Microbiology with minimum of 2 years of experience. Medical school background is desirable. Involves graduate and undergraduate teaching. Research expected. Area of interest should be in health-related aspect of microbiology. Academic year appointment. Rank and salary depend on qualifications. Start 1 September 1975 or 1 January 1976. Closing date 1 June 1975. Apply to **Darrell Pratt, Chairman, Microbiology, University of Maine, Orono, Maine 04473.** An Affirmative Action/Equal Opportunity Employer.

### THREE PROFESSIONAL POSITIONS

Applications are invited for three research positions beginning summer 1975 at the Center for Water Resources Research, Desert Research Institute, University of Nevada. Salary and level open; opportunities for teaching hydrology-hydrogeology courses in each position.

**Ground-Water Hydrologist**—Applicants should have a strong knowledge of quantitative ground-water modeling techniques and a strong background in computer programming and systems analysis. The position involves research on hydrogeologic problems such as contaminant transport in ground-water systems and chemical and flow regimes in carbonate terrain.

**Senior-Level Hydrologist**—Mature scientist capable of administrative and academic responsibility in ground-water geology. Ph.D. with 10 years of research and academic experience. The successful candidate will be responsible for supervision of research and support staff and generation of research support for water resource problems in southern Nevada.

**Hydrogeologist**—Applicants should have a thorough knowledge of all aspects of hydrogeology. Position requires both field and office investigations. Specific duties and salary are flexible depending upon training and experience.

Send résumé to:

**Dr. George B. Maxey, Director  
Center for Water Resources Research  
Desert Research Institute  
University of Nevada System  
Reno, Nevada 89507**

*Desert Research Institute is an Equal Opportunity Employer*

### POSTDOCTORAL APPOINTEE

Postdoctoral appointment available in the Center for Human Radiobiology as part of an ongoing research program in *in vitro* studies of human immune responses and their relation to oncogenesis.

The applicant should be familiar with tissue culture techniques and some of the more common immunological tests such as cell-mediated immunity, detection of sera antibodies, and antigenic stimulation of lymphocytes.

Position available immediately. Send résumé to **Ronald A. Johns, Professional Placement Department, Argonne National Laboratory, Department 100D, 9700 South Cass Avenue, Argonne, Illinois 60439.** An equal opportunity employer M/F.

**POSTDOCTORAL POSITION** available immediately for genetic and biochemical studies of crown gall tumor induction. Ph.D. degree essential; interest and some experience in microbial genetics and plant physiology desirable. Salary: \$9,500 to \$10,000. Send résumé to:

**Dr. Gary T. Heberlein  
Department of Biology  
University of Missouri-St. Louis  
8001 Natural Bridge Road  
St. Louis, Missouri 63121**

*An Equal Opportunity/Affirmative Action Employer*

**POSTDOCTORAL POSITION** available 1 July for Ph.D. or M.D. with experience in protein chemistry and/or cell biology. Research focus on plasma and nuclear membrane structure and function in normal and malignant cells. Send to:

**Dr. Robert E. Scott  
Laboratory of Membrane Pathology  
Department of Pathology and Anatomy  
Mayo Clinic and Medical School  
Rochester, Minn. 55901**

## POSITIONS OPEN

### FACULTY POSITION IN PHARMACOLOGY

An Assistant Professor position is available for a person specializing in cardiovascular pharmacology with an interest in studying the central and peripheral effects of drugs and endogenous substances upon cardiovascular hemodynamics. Teaching (mammalian physiology and pharmacology) will be required at the undergraduate and graduate level. Applicants should send curriculum vitae, reprints of research papers, and three names for reference purposes to: **Dr. David E. Clarke, Director of Pharmacology, Lamar Fleming Building, University of Houston, Houston, Texas 77004.**

*The University of Houston is an Equal Opportunity Employer.*

**POSTDOCTORAL POSITION.** Postdoctoral position available, summer or fall of 1975, for research on adenylate cyclase in corpora lutea or mechanism of action of cyclic AMP on steroidogenesis. Salary \$10,000 to \$11,000. Duration 1½ to 2 years. Applications with curriculum vitae, naming three references, should be sent to: **Dr. J. M. Marsh, Department of Biochemistry, University of Miami, School of Medicine, P.O. Box 520875, Biscayne Annex, Miami, Florida 33152.** An Equal Opportunity Employer.

**POSTDOCTORAL POSITION** for work on autoecology of larval blackflies. Emphasis on population dynamics as part of an overall research program for development of biological/integrated control schemes utilizing selected blackfly pathogens. Background in biological control highly desirable. Letters of application including curriculum vitae and names and addresses of three referees should be sent to **Dr. Marshall Laird, Director, Research Unit on Vector Pathology, Memorial University of Newfoundland, St. John's, Newfoundland, Canada A1C 5S7.**

### POSTDOCTORAL RESEARCH

Applications are invited for a position involving studies on immunological aspects of solid cancers. Some experience in cellular immunology required. Some biochemical background desirable. Excellent salary. Send curriculum vitae and names and addresses of three persons familiar with your work to

**Box 168, SCIENCE**

*An Equal Opportunity Employer*

### POSTDOCTORAL RESEARCH

Applications are invited for postdoctoral research positions related to the action of cyclic nucleotides on nuclear protein kinases and RNA synthesis. Salary is \$10,000 for 12 months. Applicants should submit a curriculum vitae and have two letters of recommendation sent by a referee to **Dr. Richard A. Jungmann, Department of Biochemistry, Northwestern University Medical School, 303 East Chicago Ave., Chicago, Illinois 60611.**

### POSTDOCTORAL RESEARCH ASSOCIATE

Immediate opening for recent Ph.D. with strong background in synthetic organic or biochemistry to work on mechanisms of biological oxidations of steroids at inactive sites and on purification of steroid oxygenases from microorganisms. Salary up to \$11,000. Send curriculum vitae with names of three references to: **Dr. L. Tan, Biochemistry Department, University of Sherbrooke Medical Faculty, Sherbrooke J1H 5N4, Canada.**

### RESEARCH ASSOCIATE

A postdoctoral position is open, starting 1 September 1975, for the preparation and physical study of chromosomal proteins. Please send curriculum vitae and names of references to **I. Isenberg, Department of Biochemistry and Biophysics, Oregon State University, Corvallis, Oregon 97331.** An Affirmative Action/Equal Opportunity Employer.

### RESEARCH ASSOCIATE IN MOLECULAR OR CELLULAR BIOCHEMISTRY

One or two positions will be available to conduct basic research on platelets. Specific areas of investigation could include mechanism of contractility, cellular regulatory mechanisms and membrane receptors. Salary will be dependent upon qualifications. Replies including curriculum vitae should be addressed to either **Dr. Thomas C. Detwiler** or **Dr. Alfred Stracher, Department of Biochemistry, State University of New York—Downstate Medical Center, 450 Clarkson Ave., Brooklyn, N.Y. 11203.** An EO/AA employer.

## POSITIONS OPEN

### PLANT BIOCHEMIST

A position for a Plant Biochemist at the level of Assistant Professor will likely be available 1 September 1975. Duties will include instruction in plant biochemistry, supervision of thesis work of graduate students, maintenance of an active research program in plant biochemistry, and interaction with other plant scientists. Preference will be given to individuals with interest and research experience in photosynthesis or plant development, although applicants in other areas of plant biochemistry will be considered. *Female and other minority candidates are especially encouraged to apply.* Send curriculum vitae, including academic record and list of publications, three letters of recommendation, and a short statement of your projected research interests to: **H. F. DeLuca, Department of Biochemistry, University of Wisconsin, Madison, Wisconsin 53706.** The University of Wisconsin is an Equal Opportunity Employer.

### RESEARCH SCIENTISTS

Department of Social and Health Services, State of Washington, Olympia. Full-time positions open immediately. Ph.D. and research experience preferred, particularly in applied areas and program evaluation. Many opportunities for innovative program development in mental health, developmental disabilities, alcohol and drug abuse, aging, juvenile rehabilitation, income maintenance, adult corrections, vocational rehabilitation, and general social services. Excellent salaries and benefits.

Please send curriculum vitae and professional references to: **Ralph Littlestone, Director, Division of Planning and Research, Box 1788, Department of Social and Health Services, Olympia, Washington.**

### TECHNICAL EDITOR HEALTH SERVICES RESEARCH

Assistant editor needed for journal, **Health Services Research.** Need some technical editing experience, knowledge of health services issues and research, and graduate work (degree preferred) in public health, statistics, economics, OR, and so forth. Salary commensurate with ability and experience; attractive benefits. Send résumé to: **Recruitment Director, American Hospital Association, 840 North Lake Shore Drive, Chicago, Illinois 60611.**

### TISSUE CULTURE TECHNOLOGIST

Experienced tissue culture technologist with M.S. degree in Biology or Biochemistry. Salary negotiable. Send résumé or curriculum vitae to **O. M. Rennert, University of Florida, Department of Pediatrics, Gainesville, Fla. 32610.** An Equal Opportunity/Affirmative Action Employer.

## MEETING

Topical Meeting on

**IMAGE PROCESSING FOR 2-D and 3-D RECONSTRUCTION FROM PROJECTIONS: THEORY AND PRACTICE IN MEDICINE AND THE PHYSICAL SCIENCES, 4-7 August 1975.** Stanford University, Stanford, California

Abstract deadline: 15 May 1975

Further information and contributed papers to: **Optical Society of America, Suite 620, 2000 L Street, NW, Washington, D.C. 20036.**

## FELLOWSHIPS

### PREDOCTORAL FELLOWSHIPS IN BIOCHEMISTRY

NIH-sponsored fellowships are available for 1975-76. Broadly based training program with research on basic and human disease oriented problems. Chemistry or biology degree required. Inquiries to **Dr. Thomas E. Conover, Department of Biological Chemistry, Hahnemann Medical College, 230 North Broad St., Philadelphia, Pennsylvania 19102.**

**PREDOCTORAL FELLOWSHIPS IN IMMUNOLOGY AND MICROBIOLOGY:** A number of state graduate stipends (\$3960 per annum) are available for highly qualified applicants for study leading to the Ph.D. in immunology, virology, and microbiology. For information, write to **Dr. H. H. Fudenberg, Professor and Chairman, Department of Basic and Clinical Immunology and Microbiology, Medical University of South Carolina, Charleston, S.C. 29401.** An Equal Opportunity Employer.

## Senior Pharmacologist

What are you doing right now? If it isn't challenging and exciting, how about looking at us. We're McGaw Laboratories . . . we're a division of American Hospital Supply Corporation . . . we're growing.

This world leader in the field of intravenous solutions and related medical devices is seeking a fast-paced, aggressive individual. This person will have responsibilities in the areas of toxicological testing of new drugs and evaluation of data for IND submission.

To qualify, you will need an advanced degree in a Biological Science or Biochemistry (preferably Pharmacology or Toxicology). You will also have working experience with laboratory animals and radioisotopes. If you qualify, you will be eligible for significant responsibilities and excellent compensation and benefits.

Please send your résumé and salary history in strict confidence to M. McAleer.



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## CHIEF, SURGICAL NEUROLOGY BRANCH

The National Institutes of Health invites nominations and applications for the position of Chief of the Surgical Neurology Branch, National Institute of Neurological and Communicative Disorders and Stroke (NINCDS), Public Health Service, Department of Health, Education, and Welfare. This Institute is one of 12 biomedical research institutes within the National Institutes of Health. The Surgical Neurology Branch conducts, fosters, and coordinates clinical research on human diseases, involving the nervous system, in the NINCDS Intramural Research Program located in Bethesda, Maryland.

Applicants must be neurosurgeons who have demonstrated achievement and stature in the field of neurosurgery. Applicants must also have a high degree of scientific experience and judgment, and demonstrated leadership and management ability.

The position may be filled in either the Civil Service or Commissioned Corps of the Public Health Service with a salary range between \$34,000 and \$42,000 per annum. Salary is negotiable depending on length and breadth of experience.

Letter of application with curriculum vitae and lists of publications and references should be sent to the Chairman of the Search Committee:

Dr. Donald B. Calne  
Clinical Director  
National Institute of  
Neurological and Communicative  
Disorders and Stroke

**NATIONAL INSTITUTES OF HEALTH**

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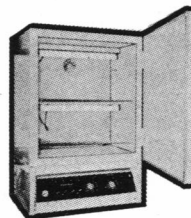


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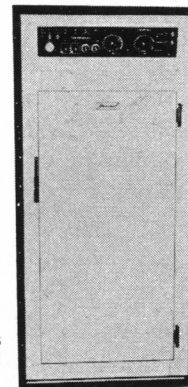
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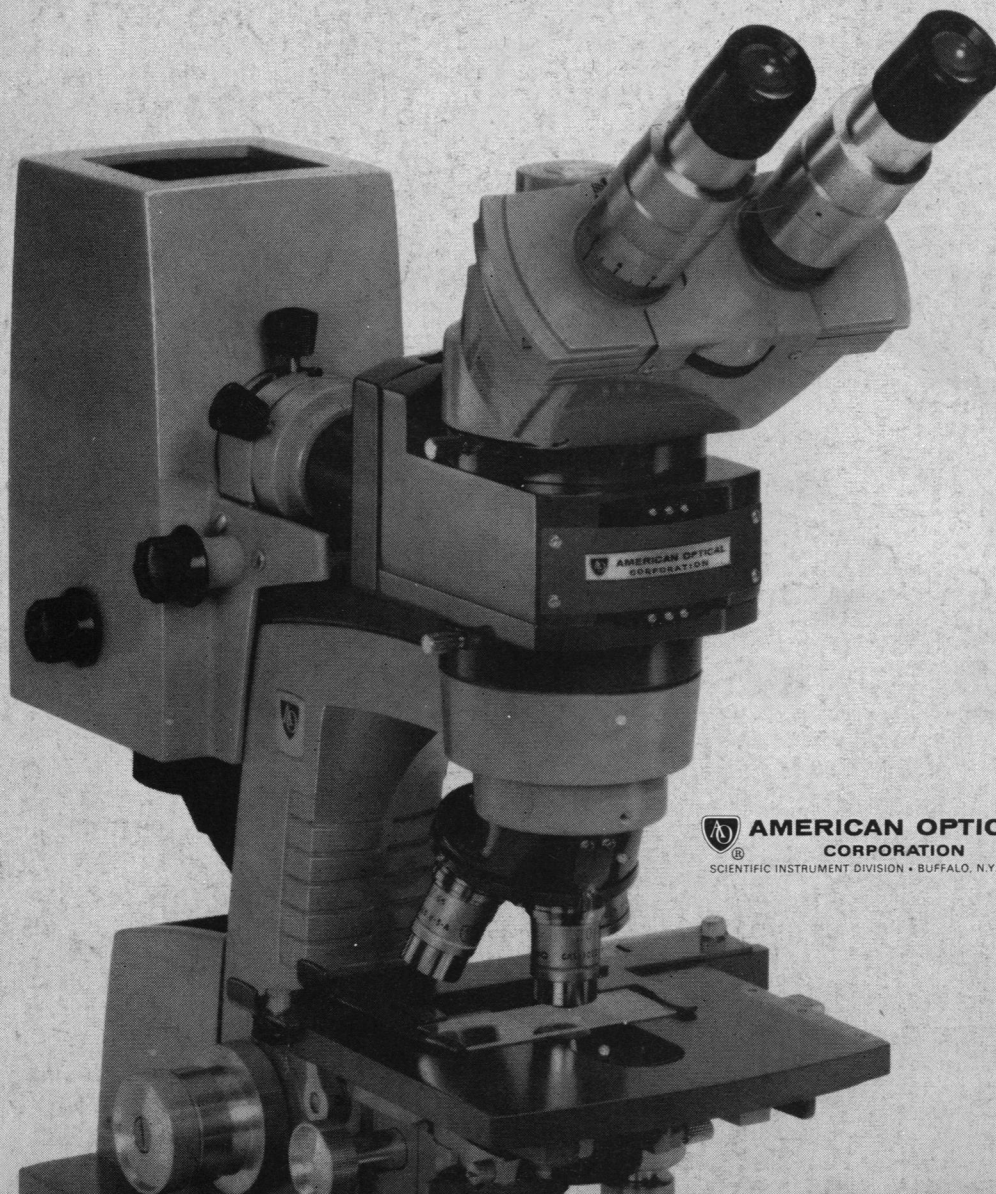
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