

(Continued from page 56)

In addition, there will be an open business meeting of Section B in Denver at 7:00 p.m. on Wednesday, 23 February 1977, to consider, among other things, the role of the Section and its input to future Annual Meetings. Items for discussion should be sent to the Section B Secretary, Rolf M. Sinclair, National Science Foundation, Washington, D.C. 20550.

Section T—Information, Computing, and Communication

Highlighting Section T (Information, Computing, and Communication) activities at the AAAS Annual Meeting in Denver will be five symposia: "Emerging National and International Policy on Information," 9:00 a.m.–12:00 noon and 3:00–6:00 p.m. on Tuesday, 22 February, Silver Plume Room, Holiday Inn, Downtown; "Beyond Gutenberg: Communication Without Paper," 9:00 a.m.–12:00 noon, Wednesday, 23 February, Cripple Creek Room, Holiday Inn; "Toward a Human Use of Human Beings: A Cybernetic Approach to the Assessment of Children," 3:00–6:00 p.m., Wednesday, 23 February, Silver Heels Room, Holiday Inn; "Science Information: International Communication for Research in Biomedicine," 3:00–6:00 p.m., Wednesday, 23 February, Beverly Room, Denver Hilton; and "The Many Faces of Information Science," 9:00 a.m.–12:00 noon, Friday, 25 February, Denver Room, Denver Hilton. The annual Section T business meeting will be held at 7:00 p.m. on Wednesday, 23 February, Cedar Room, Denver Hilton.

Section W—Atmospheric and Hydro-spheric Sciences

Recent weather modification legislation presents a possible area of activity for Section W (Atmospheric and Hydro-spheric Sciences) members. Public Law 94-490, which was enacted on 13 October 1976, directs the Secretary of Commerce to "conduct a comprehensive investigation and study of the state of scientific knowledge concerning weather modification, the present state of development of weather modification technology, the problems impeding effective implementation of weather modification technology, and other related matters." The Secretary must prepare and submit to the President and the Congress by 13 October 1977 a final report giving recommendations on national and international policies and a federal R & D program in weather modification.

The passage of PL 94-490 marks a milestone in congressional interest in weather modification. Soon after this subject became a respectable scientific pursuit 30 years ago, members of Congress began taking a strong interest in the topic. Most years several bills were introduced on the Hill calling for expanded research programs, federal regulation, international agreements, federal operations, or even a complete ban on weather modification activities. Few of these bills even came to a vote, much less passed, until the National Weather Modification Policy Act of 1976 was introduced in May 1976 by Sen. James B. Pearson (R-Kan.). This bill was quickly approved by the Senate and commended to the House. Following revision by the Subcommittee on the Environment and the Atmosphere of the House Committee on Science and Technology, the bill passed the House 292 to 91. The Senate concurred unanimously with the House amendments in the closing week of the 94th Congress.

The study provided for in the legislation includes 11 specific areas in weather modification ranging from an analysis of present and past research efforts and future research requirements, through an assessment of economic, legal, social, ecological and legislative implications, to questions of the necessity for international agreements.

The Act authorizes up to \$1 million to carry out its provisions. However, no funds were appropriated by the 94th Congress, and an appropriation is being sought. The Secretary of Commerce has indicated that he is exploring the mechanism to be used to generate the study and the report.

Any Section W member who wishes to comment on the possibility and means of Section involvement in this effort is encouraged to contact the Section W Secretary, Stanley A. Changnon, Jr., at the Illinois State Water Survey, Box 232, Urbana, Illinois 61801.

Division Notes

"Environmental Psychology: Arid, Forest and Urban Regions" will be discussed in one of the contributed paper sessions at the AAAS Annual Meeting in Denver. Sponsored by the Southwestern and Rocky Mountain Division's Psychology Section, the session will be held Monday, 21 February, 9 a.m.–12 noon, Tower Room, Executive Tower Inn. Topics in the ten-paper session will include "Habitability of Arid Lands Communities" and "Perception of Environmental Change."

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 FORTH): \$145 per inch, minimum, per insertion (1 inch is equivalent to 11 lines of 52 spaces each). Ads over 1 inch billed to nearest quarter-inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Prepayment required for foreign advertising. Purchase orders and billing information must accompany all other advertising.

COPY for ads must reach SCIENCE by Wednesday, 3½ weeks before issue date (Friday of each week) requested. Send copy for all positions wanted ads and display ads under 5 inches to:

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

Send copy for display ads, 1/6 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)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Anatomist/Biologist, Ph.D. General biology, human anatomy and physiology, histology, embryology. Four years of teaching experience including undergraduate and professional school. Seeks teaching position. Box 1, SCIENCE. X

Biochemistry, Ph.D. 1972. Biochemistry/pharmacology of cyclic nucleotides, enzymology, protein purification, endocrinology, receptors. Numerous publications. Three years of teaching. Seeks industrial/research/teaching position. Box 2, SCIENCE. X

Biochemist/Immunochemist/Chemist, Ph.D. 1973. Protein fractionation, cell membrane protein, membrane IgG receptor, enzymology, peptides synthesis, and some amino acid sequence determination of protein. Seeks industrial or academic research position. Box 3, SCIENCE. X

Biochemist—Neurochemist, Ph.D. 1966. Experience in enzymology, nucleic acid and amino acid metabolism; metabolic disorders and mental retardation. Over 50 publications; presently editing three books on brain biochemistry. Seeks research/teaching position. Box 4, SCIENCE. X

Biomathematician, Ph.D. Experience: teaching, research, consulting. Current research: population genetics, analysis of protein diversity, biomathematical modeling. Publications. Seeks teaching/research position. Box 5, SCIENCE. X

Biotechnician: A.A.S. biotechnology, 1976. Seeks lab or field position as biological or chemical technician. Box 6, SCIENCE. X

Cell/Developmental Biologist, Ph.D. Teaching experience and extensive research background. Thoroughly familiar with tissue culture techniques, subcellular fractionation, protein and nucleic acid purification. Interests include mRNA chemistry. Seeking research or research/teaching position in Northeast. Box 7, SCIENCE. X

Electron Microscopist, Ph.D. in biochemistry, 1969. Experience with all aspects of electron microscopy. Broad research and teaching experience at major university. Twenty-four publications. Seeks research and/or teaching position in research institute/industry/government/academia. Box 8, SCIENCE. X

POSITIONS WANTED

Doctorate level **Epidemiologist** (chronic disease), broad training and work experience; public health, medical, and behavioral areas; seeks position in western Europe. Curriculum vitae and publications list available. Presently residing in Holland. Box 9, SCIENCE. 1/7, 21

Experimental Pathologist, recent Ph.D., emphasis on histology, pathology, immunology, biochemistry; seeks challenging position in research-teaching/industry/government. Box 10, SCIENCE. X

Immunochemist, Ph.D. (chemistry). Several years of research, teaching, medical schools. Publications, honors, awards. RIA experience. Seeks responsible position, university/industry/nonprofit/government. Box 11, SCIENCE. X

Teratologist, Ph.D. June 1977, seeking postdoctoral experience investigating teratogenic mechanisms. Present research involves insecticide effects on fish development. H. M. Solomon, 209 Park Avenue, Orange, New Jersey 07050. X

Tumor Immunologist/Biochemist, Ph.D. 1970. Assistant professor teaching immunology and cell physiology. Publications in tumor virus induced membrane antigens, immunochemistry of transplantation antigens, altered tissue culture properties of virally transformed cells. Seeks academic or industrial position with increased research opportunities. Box 12, SCIENCE. X

POSITIONS OPEN

AQUATIC ECOLOGIST

One position at the University of Oklahoma Biological Station for September 1977. Requires a Ph.D. degree and demonstrated research ability. Principal duties include the development of research programs in reservoir biology with optional teaching duties during summer programs. Salary and fringe benefits commensurate with qualifications, and will include living accommodations at the Biological Station on Lake Texoma. Send curriculum vitae, reprints, a full description of research interests, and four references to: **Loren G. Hill, Biological Station, University of Oklahoma, Norman, Oklahoma 73019.** An Affirmative Action/Equal Opportunity Employer.

AQUATIC ECOLOGIST

A full-time faculty position for an aquatic ecologist is available at the University of Illinois at Urbana-Champaign starting August 1977. Applicants should have an earned doctorate before the starting date. Teaching experience and research publications are desirable. Duties will include the development of programs of research and teaching in aquatic ecology. Applicants should be willing to participate in aquatic and general ecology courses for undergraduates. Rank and salary will be commensurate with qualifications and experience. Applications must be received before 15 February 1977. Submit curriculum vitae, including relevant coursework, representative reprints, if any, at least three letters of reference, and a detailed statement of personal goals for teaching and research to **Dr. George Batzli, Chairperson, Search Committee, Department of Ecology, Ethology and Evolution, University of Illinois, Urbana, Ill. 61801.** The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minorities and women.

ASSISTANT DIRECTOR, CENTER FOR ELECTRON MICROSCOPY—Available fall 1977 at the University of Illinois at Urbana-Champaign. Ph.D. required. Applicant would have joint appointment in a department closely related to his/her own research interests. Individual should have strong background in applications of electron microscopy to areas of physical sciences and engineering. The center provides courses in transmission and scanning electron microscopy, a service function for departments on the Urbana campus and sponsors an active research program. The appointee is expected to conduct a vigorous research program as well as teaching in scanning and electron microscopy. Submit curriculum vitae, three letters of recommendation, and short synopsis of research interests to: **Search Committee, Center for Electron Microscopy, Room 387 Morrill Hall, School of Life Sciences, University of Illinois, Urbana, Ill. 61801.** Deadline: 15 February, 1977. An Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ACADEMIC POSITIONS

BIOPHYSICAL POSTDOCTORAL position available spring, summer, or fall for spectroscopic investigations of drug-nucleic acid complexes using FT-NMR, circular dichroism, fluorescence, fluorescence detected circular dichroism, and visible spectroscopic techniques. Interested applications should submit curriculum vitae, transcript, and three letters of recommendation to **Dr. Thomas R. Krugh, Department of Chemistry, University of Rochester, Rochester, New York 14627.**

ALGAL CELL BIOLOGIST to teach phycology as well as participate in introductory botany. Development of a research program at the cellular, sub-cellular or ultrastructural level is essential. This is a full-time tenure track position. Assistant professor level with postdoctoral experience preferred but an advanced level appointment possible; salary commensurate with education and experience. Send curriculum vitae and four letters of recommendation before 20 February 1977 to: **David L. Rayle, Chairman, Department of Botany, San Diego State University, San Diego, Calif. 92182.** Affirmative Action/Equal Opportunity/Title IX Employer.

ANATOMIST

Physiology invites application for faculty teaching-research appointment in human anatomy, fall 1977. Southern Illinois University at Carbondale is state supported and appointments do not depend on grant funding. Rank open and commensurate with academic credentials. *Affirmative Action/Equal Opportunity Employer.* Send curriculum vitae, current research, reprints, names of three references. Write or call 618-453-2583. Closing: 30 January 1977. **Chairman, Physiology, Southern Illinois University at Carbondale, Carbondale, Ill. 62901.**

ASSISTANT PROFESSOR with research interest and publications in cell biology to teach in gross anatomy for medical, dental, and graduate students. Send curriculum vitae with names and addresses of three references to: **Dr. Harold Brody, Department of Anatomical Sciences, State University of New York at Buffalo, 317 Farber Hall, Buffalo, N.Y. 14214.** An Equal Opportunity/Affirmative Action Employer

ASSISTANT PROFESSOR AND SESSIONAL LECTURER Department of Bacteriology and Biochemistry University of Victoria

Applications are invited for the positions of assistant professor and sessional lecturer in the Department of Bacteriology and Biochemistry, to commence 1 July 1977.

The successful candidate for the assistant professorship will be required to establish a research programme in immunology, virology, genetics, enzymology or some aspect of molecular physiology. Applicants for the position of sessional lecturer should have a broad knowledge of microbiology, immunology, or biochemistry. The minimum salary will be \$16,800 per annum.

Applications, including a full curriculum vitae, should be sent to the **Chairman, Department of Bacteriology and Biochemistry, University of Victoria, P.O. Box 1700, Victoria, British Columbia V8W 2Y2, Canada.** Candidates should ask three referees to forward their comments directly.

PROFESSOR AND CHAIRMAN Department of Bacteriology and Biochemistry University of Victoria British Columbia, Canada

Applications are invited for the position of chairman of the Department of Bacteriology and Biochemistry, effective 1 July 1977, or as soon as possible thereafter.

It is expected that the successful candidate will have a strong academic background and broad understanding of teaching and research in microbiology and biochemistry. Candidates should have administrative experience.

Applications, including a complete curriculum vitae and the names and addresses of at least three referees should be sent to **Dr. A. Fischer, Dean, Faculty of Arts and Sciences, University of Victoria, P.O. Box 1700, Victoria, British Columbia V8W 2Y2, Canada.**

POSITIONS OPEN

The Department of Neurology at the UCLA School of Medicine is seeking qualified applicants for a full-time academic position at the **ASSISTANT OR ASSOCIATE PROFESSOR** level. Applicants should have demonstrated abilities in clinical neurology and in neuropathology. Any interested applicant should submit a curriculum vitae and reprints to **Richard D. Walter, M.D., Chairman of the Department of Neurology, Reed Neurological Research Center, UCLA, Los Angeles, California 90024.** UCLA is an Equal Opportunity/Affirmative Action Employer and is desirous of receiving applications from minorities and women candidates as well as other qualified persons.

DEPARTMENT OF MICROBIOLOGY AND PUBLIC HEALTH

Applications are invited by 15 April 1977 for positions at **assistant professor** rank.

Medical Microbiologist—Specific training in immunology. Teaching in pathogenic bacteriology, immunology, and general microbiology. Development of research program. Ph.D. required.

Medical Microbiologist—Background in anaerobic bacteriology preferred. Teaching in medical microbiology and general microbiology. Expected to develop a research program. Ph.D. required.

Medical Microbiologist—Trained in pathogenic bacteriology with a medical technologist license. Assist in the coordination of the medical technology program and instruction of courses in pathogenic bacteriology and general microbiology. Ph.D. required.

Apply with curriculum vitae, names of three references, and summary of research and teaching objectives to: **Chairman, Department of Microbiology and Public Health, California State University, Los Angeles, Los Angeles, California 90032.** An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR: applications are invited for an opening in the Department of Chemistry at Massachusetts Institute of Technology (MIT). Applicants should have demonstrated ability to do exceptional independent research in the area of biochemistry, bioorganic, or biophysical chemistry. MIT is an Equal Opportunity Employer and applications from women and minority candidates are encouraged. Candidates should submit a curriculum vitae, a publication list, a description of research interests, and have three letters of recommendation sent not later than 15 January 1977, to: **Dr. C. T. Walsh, Associate Professor of Chemistry, Room 18-025, Massachusetts Institute of Technology, Cambridge, Mass. 02139.**

ASSISTANT PROFESSOR POSITIONS

The California Institute of Technology, Division of Geological and Planetary Sciences, is seeking candidates for academic appointments in fields of sedimentary geology, field geology, geobiology, and geophysics. Appointments preferred at the assistant professor level. *An Affirmative Action/Equal Opportunity Employer.* Please write, enclosing résumé and bibliography, to **Barclay Kamb, Chairman, Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, California 91125.**

UNIVERSITY OF MICHIGAN Assistant Professor

M.D., must be certified in clinical and anatomic pathology by the American Board of Pathology. Previous experience (5 years desirable) in teaching of medical school students, allied health students, and house officers. Require 5 years of previous experience in the discipline of pathology. Demonstrated experience in research. Full responsibility for anatomic pathology including: necropsies, surgicals, and cytology at Wayne County General Hospital. Duties to include all clinical pathology laboratories with special emphasis in microbiology. Send résumé to **Box 13, SCIENCE.** Code #1300F0. A Nondiscriminatory, Affirmative Action Employer.

ASSISTANT PROFESSOR—BIOCHEMISTRY

Regular faculty position in the Department of Chemistry. Well-equipped research laboratory available. Postdoctoral experience required. Interest in immunochemistry, cell surface phenomena, or fast reaction enzyme kinetics preferred. Send curriculum vitae to **Earl Frieden, Department of Chemistry, Florida State University, Tallahassee, Fla. 32306.** Equal Opportunity Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR OF BIOCHEMISTRY

The Department of Biochemistry, Case Western Reserve University, School of Medicine invites applications for a position as assistant professor. Applicants should have a doctoral degree and appropriate postdoctoral experience. The appointee will be expected to establish an active and independent research program in biochemistry and to participate in the departmental teaching of undergraduate, graduate, and professional students. Applicants should send curriculum vitae including bibliography, a statement of proposed research program, and the names and addresses of three referees (please do not send letters of recommendation at this time) before 1 March 1977 to: **Dr. Howard Gershman, Search Committee for Assistant Professor, Department of Biochemistry, School of Medicine, Case Western Reserve University, Cleveland, Ohio 44106.** *Case Western Reserve University is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR OF BIOLOGY HARVARD UNIVERSITY

The Cellular and Developmental Biology Subdivision expects to make several appointments at the assistant professor level for the coming year. Fields of interest include neurobiology, immunology, and cellular and developmental biology. Applicants should have the Ph.D. Preference will be given to candidates with teaching experience, records of research accomplishment, and postdoctoral training.

The University is an Equal Opportunity Employer: women and members of minority groups are specifically encouraged to apply. Please have three professional persons who are well acquainted with your work send letters of recommendation directly to us. Applications should include your résumé, copies of your most significant publications, and a summary of your research goals and should be sent to: **Chairman, Search Committee, Department of Biology, 16 Divinity Avenue, Cambridge, Mass. 02138,** prior to 15 February 1977.

ASSISTANT PROFESSOR OF BIOLOGY

A temporary 1-year position with responsibility for our sophomore level vertebrate biology course, a 1-year (three-term) synthesis of comparative anatomy, embryology, histology, and physiology. Ph.D. required. Appointment will be effective September 1977. Send curriculum vitae, three letters of reference, and representative reprints to: **Frederic A. Glere, Department of Biology, Lake Forest College, Lake Forest, Illinois 60045.**

Lake Forest College is an Equal Opportunity Employer.

Dartmouth College is seeking an **ASSISTANT PROFESSOR** in the area of cell biology (eukaryotic). Specialty is open; postdoctoral experience and evidence of research productivity beyond the doctoral dissertation are considered essential. Send curriculum vitae and arrange for three letters of recommendation to be sent to: **R. D. Allen, Chairman, Department of Biological Sciences, Dartmouth College, Hanover, N.H. 03755.** *Dartmouth College is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR—BIOPHYSICS

The Physics Department of the University of Waterloo seeks, for 1 July 1977, a biophysicist with postdoctoral experience and interest in radiation biophysics. Experience at the molecular level desirable to complement ongoing research programmes at cellular level in radiobiology and cryobiology; exceptional candidates in other areas of biophysics will also be considered. Responsibilities include teaching of undergraduate and graduate courses in biophysics. Successful candidate expected to continue own research and collaborate in joint projects. Curriculum vitae, bibliography, names of suggested referees, and a description of research interests to: **Dr. J. Kruuv or Chairman, Department of Physics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1.**

ASSISTANT PROFESSOR OF GENETICS, for undergraduate teaching and research in genetics and freshman introductory biology. Additional expertise in population genetics or cytogenetics and biostatistics will be desirable but not essential. Experience with eukaryotes desired. Salary competitive with excellent fringe benefits. Send résumé and three references before 1 March 1977 to **Dr. P. K. Bhattacharya, Chairman, Biology Department, Indiana University Northwest, Gary, Indiana 46408.** *An Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

ALBERT EINSTEIN COLLEGE OF MEDICINE DEPARTMENT OF GENETICS

Positions are available at the level of **ASSISTANT PROFESSOR** in the Department of Genetics, Division of Biological Sciences, at Albert Einstein College of Medicine of Yeshiva University. Areas of particular interest include behavioral, neurologic, viral, and population genetics. Candidates with a proven ability to do outstanding independent research and who are interested in graduate and medical student teaching should submit a curriculum vitae, a brief description of future research plans, and the names of three references to: **Administrator, Department of Genetics, Albert Einstein College of Medicine, Bronx, New York 10461.** *An Equal Opportunity/Affirmative Action Employer.*

DEPARTMENT OF ZOOLOGY THE UNIVERSITY OF ALBERTA

A position as **assistant professor of zoology** is available from 1 July 1977. Salary scale: Can\$16,587 to Can\$21,542. The field of interest of applicants should be comparative physiology, preferably with chief interest in the invertebrates. The person appointed will be expected to teach at both general and advanced levels and to establish a strong research program. Closing date for notice of application: 31 January 1977. Send curriculum vitae, list of publications, and the names of three referees to **Dr. J. R. Nursall, Department of Zoology, University of Alberta, Edmonton, Alberta, Canada T6G 2E9.**

BIOCHEMIST. We are seeking an outstanding scientist to develop an innovative, vigorous research program in an area of biochemistry relevant to agriculture. This faculty appointment will be at the assistant or associate level. Send complete curriculum vitae, brief description of research plans, and a list of three references by 15 February 1977, to **Frank A. Loewus, Chairman, Department of Agricultural Chemistry, Washington State University, Pullman, Wash. 99164.** *Washington State University is an Equal Opportunity/Affirmative Action Employer. Minority and women applicants are urged to identify themselves.*

BIOCHEMIST OR BIOPHYSICIST. Postdoctorate position available for research on (i) DNA protein interaction and (ii) regulation and mechanism of gene transcription. Annual salary: \$11,200. Send résumé and three letters of recommendation to **Dr. C. W. Wu, Department of Bio-Physics, Albert Einstein College of Medicine, Bronx, N.Y. 10461.**

BIOCHEMIST

Career opportunity offering potential for international recognition requires an experienced Ph.D. with research interests in enzymology involved in nitrogen fixation methanogenesis and lignin and cellulose biodegradation. Must have strong record of academic achievement and be capable of initiating and pursuing original research projects. We offer a professionally stimulating research environment in an attractive Northeast location. Excellent salary and benefits. Please submit curriculum vitae, a brief résumé of research interests, and references to **Box 15, SCIENCE.** *An Equal Opportunity Employer, M/F.*

MICROBIOLOGISTS/BIOCHEMISTS

Excellent opportunity to perform fundamental studies on microbial conversion of lignin and cellulose. Candidates must have an M.S. or B.S. with research assistant experience and solid background in microbiology and/or enzymology. Working knowledge of modern instrumental and chromatographic techniques also essential. Competitive salary and excellent benefits. Attractive Northeast location. Send résumé, including research interests, to: **Box 16, SCIENCE.** *An Equal Opportunity Employer, M/F.*

MICROBIOLOGISTS

Excellent career opportunity for Ph.D. with strong academic record, experience in the genetics and physiology of nitrogen fixation and methanogenesis, and potential for achieving international recognition. Candidates must have the ability to initiate and pursue original research projects and to contribute to ongoing interdisciplinary life sciences research programs. We offer a professionally stimulating research environment at an attractive Northeast location. Excellent salary and benefit plan. Please submit curriculum vitae, a brief résumé of research interests, and references to: **Box 17, SCIENCE.** *An Equal Opportunity Employer, M/F.*

POSITIONS OPEN

ASSISTANT PROFESSOR OF PSYCHOLOGY. Anticipate position being available August 1977. Training and research interests in biochemical bases of behavior. Knowledge of psychopharmacology also helpful. New or recent Ph.D. with preference given to person with postdoctoral training or experience. Forward curriculum vitae, reprints, and three letters of recommendation to: **Raymond M. White, Jr., Department of Psychology, Miami University, Oxford, Ohio 45056.** *Miami University is an Equal Opportunity/Affirmative Action Employer.*

ASSOCIATE CHIEF OF STAFF OF RESEARCH

The Veterans Administration Hospital, Cincinnati, Ohio, is seeking an associate chief of staff of research. The Cincinnati VA Hospital is an integral part of the University of Cincinnati Medical Center and staff members are appointed to the faculty of the College of Medicine. The hospital is committed to improving its research program, which currently has a research building (17,000 square feet), 14 funded investigators, and 25 full-time research employees. The associate chief of staff of research would be a senior staff position and primary duties would be to administer, guide, and oversee the research program. Clinical responsibilities are possible. Preference will be given to candidates with an M.D. degree and some administrative experience. *The VA Hospital is an Equal Opportunity Employer.* Please send curriculum vitae or letters of inquiry to:

Raymond John Lipicky, M.D.
Chairman, Search Committee for Associate Chief of Staff of Research
Division of Clinical Pharmacology
5502 Medical Science Building
231 Bethesda Avenue
Cincinnati, Ohio 45267

ASSOCIATE DEAN FOR FACULTY PERSONNEL AND RESEARCH. The College of Liberal Arts at Idaho State University seeks a competent and skilled interdisciplinary professional with proven abilities for instructionally related grantsmanship and an excellent teaching record. \$20,000 top salary for 12 months beginning 1 July. Natural scientist preferred. Send current curriculum vitae and letter of application without delay to: **Robert V. Edington, Dean of Liberal Arts, Idaho State University, Pocatello, Idaho 83209.** Closing date: 28 January 1977. More complete information available on request. *An Equal Opportunity/Affirmative Action Employer.*

Applications are invited for an **ASSOCIATE PROFESSOR and ASSISTANT PROFESSOR**, to begin 1 July 1977, in the Department of Anesthesiology, University of North Carolina. Candidates should be Board-eligible or -certified. Duties involve teaching medical students, residents, and fellows in addition to clinical duties. Facilities and time available for research. Send curriculum vitae to **Kenneth Sugioka, M.D., Chairman, Department of Anesthesiology, School of Medicine, the University of North Carolina, Chapel Hill, North Carolina 27514.** *An Affirmative Action/Equal Opportunity Employer.*

BIOLOGICAL ELECTRON MICROSCOPIST

Position for biological electron microscopist interested in investigating ear sensory organs and related neural structures in mammals. Histochemical and radioautographic experience desirable. Rank and salary dependent on qualifications. Candidates must have postdoctoral experience and have demonstrated research talent. Applicants should immediately send a curriculum vitae, the names of three or more references, and sufficient supporting materials to allow evaluation of his/her potential for research, to **Dr. M. Igarashi, Department of Otolaryngology, Baylor College of Medicine, Houston, Texas 77030.** *Equal Opportunity Employer.*

BIOMATERIALS-POLYMERS POSTDOCTORAL POSITION

The Orthopaedic Biomechanics Laboratory at the University of Cincinnati has an immediate opening for a recent Ph.D. with a strong interest and background in biomaterials. The successful candidate will participate in research on the biocompatibility of polymers and alterations in material properties induced by the in vivo environment. Tenure is for a minimum of 2 years with a stipend from \$10,000 to \$13,000 depending upon experience. Interested candidates should contact **Dr. Edward Grood, Co-Director, Orthopaedic Biomechanics Laboratory, University of Cincinnati Medical Center, 231 Bethesda Avenue, Cincinnati, Ohio 45267.** Telephone: 513-872-4592. *An Equal Opportunity/Affirmative Action Employer.*



UNIVERSITY OF DUBLIN
Trinity College

CHAIR OF BIOCHEMISTRY (1960)

The Chair of Biochemistry (founded in 1960) will fall vacant on 30 September 1977.

Persons interested in this appointment should write for further particulars to:

**The Secretary,
Trinity College
Dublin 2**

to whom applications should be sent, preferably, *before 31st January, 1977.*

Director Environmental/Life Sciences Division

The Syracuse Research Corporation is a well established, not-for-profit organization concerned with applied research in the environmental/life, engineering, and social sciences for government and industry. We seek a person who can contribute significantly to the expansion of the Environmental/Life Sciences Division.

The Division Director reports to the President of the Corporation and is responsible for the management and technical direction of a division with diverse research interests. Present programs include research and literature reviews on environmental fate, monitoring, and health/ecological effects of toxic substances.

The applicant should have a PhD, or equivalent, with credentials and experience in a research field which complements and expands present division capabilities. In addition to his management responsibilities, the applicant will be expected to develop some programs of research in his/her field of expertise. Persons with backgrounds in toxicology, environmental chemistry or related environmental sciences will be considered.

The successful applicant will have proven management and leadership qualities, excellent oral and written skills, experience in writing proposals and obtaining government research funds. Duties will include development and marketing of new programs and maintenance of relationships with outside contacts and clients.

Applicants, qualified for this top level position, are asked to submit resumes, names of references who will be contacted only with prior approval, and salary history, in strict confidence to:



Personnel Director
Syracuse Research Corporation
Merrill Lane
Syracuse, New York 13210

An Equal Opportunity/Affirmative Action Employer

WE NEED YOU

as the Head of our Group "Basis Research CNS". We are an autonomous research group within the BAYER Corporation. We work in the field of psychotropics and antiphlogistics. We aim at the ambitious target to only develop completely new structures.

WE OFFER YOU

- the chance to establish for the psychotropic part a new *working field with a new team*
- the possibility to expand your creative capacities in its very meaning in one of the most interesting fields of the pharmacotherapy
- an adequate salary for this challenging position

WE EXPECT

- an university graduate who is at home in the fields: Pharmacology, Biochemistry, Physiology, Steriotactic Techniques as well as in Transmitterchemistry of the nucleus areas
- a lot of ideas
- the capacity to lead this new team

Not mastering the German language should not prevent you from contacting us.
Please write to

TROPONWERKE GmbH & Co. KG, 5000 Köln 80, Berliner Straße 156

POSITIONS OPEN

UNIVERSITY OF DAYTON BIOLOGY DEPARTMENT

Two faculty positions available, assistant professor, tenure track, Ph.D. required. Develop strong research program and direct M.S. and Ph.D. students. Willingness to participate periodically in teaching introductory biology. Duties usually involve an average of 1½ courses per semester and the customary departmental services. Salary based on background and experience.

Aquatic Ecologist, specialization in lower organisms, botanical emphasis, teach courses in aquatic biology, lower plants, and develop graduate course in area of specialty.

Experimental Developmental Plant Biologist, emphasis on physiological aspects. Direct and assume primary teaching responsibility in undergraduate developmental biology course and develop graduate course in area of specialty.

Candidates should send a complete curriculum vitae with a cover letter detailing their professional career plans to the appropriate committee no later than 15 February 1977.

Search Committee (Aquatic Ecologist)
Attention: Dr. Albert J. Burky (or)
Search Committee (Plant Development)
Attention: Dr. Donald R. Geiger
Department of Biology
University of Dayton
Dayton, Ohio 45469

The University of Dayton is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minority groups and women.

BIOPHYSICIST

Physiology invites application for faculty appointment as assistant professor, fall 1977. Southern Illinois University, Carbondale, is state supported and appointments do not depend on grant funding. Appointee will bring or develop strong research program; teach biophysics and physiology. *Affirmative Action/Equal Opportunity Employer*. Send curriculum vitae, current research, reprints, names of three references. Write or call 618-453-2583. Closing 30 January 1977. **Chairman, Physiology, Southern Illinois University at Carbondale, Carbondale, Ill. 62901.**

CELLULAR IMMUNOLOGIST

A position at the level of research associate is available for a cellular immunologist with experience in studies concerning immuno-regulation by idiotypic, anti-idiotypic interactions. Additional experience in tissue culture of viruses is welcome. Salary up to \$20,000 per annum. Please send résumé, reprints of publications, and references to:

DR. A. R. NEURATH
N.Y. BLOOD CENTER
310 East 67 Street, New York 10021
An Equal Opportunity Employer

CELLULAR IMMUNOLOGIST—A faculty position at the assistant professor level is available in the Department of Microbiology at the University of Massachusetts Medical School for a cellular immunologist. We are seeking someone with a strong potential for setting up and developing their own research program in cellular mechanisms of the immune response, and with interest in teaching immune response mechanisms as part of a microbiology course for medical students. The position is available immediately. Send résumé and references to **Dr. David C. Parker, Microbiology Department, University of Massachusetts Medical School, 55 Lake Avenue North, Worcester, Mass. 01605.** *An Equal Opportunity/Affirmative Action Employer.*

CHAIRMAN OF ELECTRICAL ENGINEERING AND SCIENCE

June 1977 or shortly thereafter. Applicant should be a scholar of international repute, have demonstrable administrative capabilities, and be strongly committed to excellence in undergraduate and graduate education. Send curriculum vitae and three letters of reference to **Dr. John Fischer, Search Committee Chairman, Electrical Engineering and Science Department, University of Pennsylvania, Philadelphia, Pa. 19174.** *An Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

CHAIRMAN, Department of Chemistry, 16 full-time faculty, bachelors and masters programs with doctoral program pending. Appointment for 1 July or 1 September 1977. Send résumé listing three references who may be contacted. **K. L. Brown, Department of Chemistry, the University of Texas at Arlington, Arlington, Texas 76019.** *Equal Opportunity/Affirmative Action Employer.*

CHAIRPERSON, Department of Biology. Undergraduate and M.A. programs. Candidate should have earned doctorate, teaching commitment, and proven research ability. Salary negotiable. Applicants should send curriculum vitae and recent references to **Ralph L. Carnes, Dean, College of Arts and Sciences, Room 620, Roosevelt University, 430 South Michigan Avenue, Chicago, Illinois 60605.**

Roosevelt University is an Equal Opportunity Employer

Department **CHAIRPERSON**, Human Nutrition and Food Management. Successful applicant must have earned doctorate in nutrition or food management or closely related field, publications, teaching experience, and demonstrated or potential administrative ability. Salary competitive. Submit curriculum vitae and names of five references by 15 January to **John B. Allred, Department of Food Science and Nutrition, the Ohio State University, 2121 Fyffe Road, Columbus, Ohio 43210.** *An Equal Opportunity/Affirmative Action Employer.*

CLINICAL FACULTY: Southern Illinois University School of Medicine positions are available for qualified full-time clinical faculty. Board-certified or -eligible faculty in the following areas: family practice, otolaryngology, orthopaedics, emergency medicine, infectious diseases, hematology/oncology, anesthesiology, pediatrics, and psychiatry. Interested persons are invited to direct inquiries and submit curriculum vitae to: **J. W. Roddick, Jr., M.D., Associate Dean for Clinical Affairs, Southern Illinois University School of Medicine, P.O. Box 3926, Springfield, Illinois 62708.** *An Equal Opportunity/Affirmative Action Employer.*

CLINICAL RESEARCH COORDINATOR. The American Red Cross Blood Research Laboratory, Bethesda, Maryland, is seeking an M.D. or Ph.D. to assist in design, evaluation, and administration of clinical research activities. Additional responsibilities include periodic monitoring of clinical trials and participation in the analysis and interpretation of study data. Opportunities for individual research within appropriate areas are available. Applicants should have training and/or professional experience in the design, evaluation, and monitoring of clinical trials. A working knowledge of statistics as well as research experience in some aspect of blood banking are highly desirable. Send a curriculum vitae, a brief description of experience, names of three referees, and a bibliography to: **Sue Behrens, Office of Personnel, American National Red Cross, 18th and E Streets, NW, Washington, D.C. 20006.** *An Equal Opportunity Employer.*

DEAN UNIVERSITY OF SOUTH FLORIDA COLLEGE OF MEDICINE

Nominations and applications are sought for the position of dean of the College of Medicine and director of the Medical Center of the University of South Florida.

Responsibilities: The dean is responsible to the president of the University. Responsibilities include the overall operation of the College and the Center including instruction, research, patient care, and public service.

Qualifications: Applicant should have earned an M.D. degree and have had substantial experience in medical education and research.

Applications: *Applications from minorities and women are encouraged.* Forward nominations or letters of interest with curriculum vitae by 15 February 1977 to:

Roy H. Behnke, M.D.
Chairman, Search Committee
Department of Internal Medicine
Box 19
College of Medicine
12901 North 30th Street
University of South Florida
Tampa, Florida 33612

The University is an Affirmative Action/Equal Opportunity Institution.

POSITIONS OPEN

COGNITIVE PSYCHOLOGIST with interest in artificial intelligence approaches to cognitive topics (especially vision, but also other topics, for example language). Appointment as assistant professor in the Committee on Cognition and Communication, University of Chicago. Submit at least three letters of recommendation and curriculum vitae: **Search Committee, Committee on Cognition and Communication, Department of Behavioral Sciences, University of Chicago, 5848 South University Avenue, Chicago, Ill. 60637.**

CRYSTALLOGRAPHERS

The Department of Crystallography at the University of Pittsburgh is seeking an **assistant professor** with an interest in research and teaching in crystallography, as applied to the biomedical sciences, for an appointment to start 1 July 1977.

Four **postdoctoral appointments** are available from 1 January 1977 for crystal structural studies on lipids, barbiturates, or carbohydrates by x-ray or neutron diffraction.

Applicants should send résumés to **Professor G. A. Jeffrey, Department of Crystallography, University of Pittsburgh, Pittsburgh, Pa. 15260.**

The University of Pittsburgh is an Equal Opportunity Employer.

DIRECTOR OF LABORATORIES: Immediate opening for an academically oriented M.D. or D.O. Board-certified pathologist to develop and supervise all laboratory diagnostic services in a new \$18.1-million University-based ambulatory care center. In addition to direct supervision of the activities of the central laboratory, this faculty member will also be expected to coordinate ancillary support services. He/she would also be expected to teach medical students, graduate students, residents, and postdoctoral students, and will have the opportunity to develop a research program. This is an excellent opportunity for a person who would enjoy the challenge of developing a new laboratory in an academic setting. *Michigan State University is an Equal Opportunity/Affirmative Action Employer.* Contact: **Joan C. Mattson, M.D., Chairman, Search Committee, Department of Pathology, Michigan State University, East Lansing, Mich. 48824.**

DIRECTOR INSTITUTE OF ENVIRONMENTAL SCIENCES

Applications are invited for the position of director of an interdisciplinary Institute of Environmental Sciences (IES) which offers a professional master's degree program in environmental science with emphasis on problem-solving, community service, and mission-oriented research experience (for example, practicum, internship, or thesis). The IES has its own administrative staff, facilities, field stations, curriculum, and a graduate student enrollment of 60. It also interacts with approximately 100 faculty members from 30 departments across campus. Applicants should have an established reputation in interdisciplinary education and research. Curriculum vitae and references should be submitted to:

W. Robert Gump, Chairman
Search Committee for Director of the
Institute of Environmental Sciences
Miami University
Oxford, Ohio 45056

An Equal Opportunity/Affirmative Action Employer

The Department of Biology anticipates an opening for an **ECOLOGIST** beginning fall 1977. Preference will be given to a plant community ecologist. Applicants must be willing to establish their own research program and teach introductory courses as well as a course in their area of specialization. Résumé, copies of publications, and three letters of reference should be sent to **Dr. William L. Thompson, Department of Biology, Wayne State University, Detroit, Michigan 48202.**

An Affirmative Action/Equal Opportunity Employer

FACULTY POSITIONS are open to candidates with postdoctoral training and evidence of strong research productivities in the areas of regulatory biology and biophysics. Preference will be given but not limited to: membrane biology, reproduction, computer analysis of regulatory systems. Please send résumé, description of research goals, and three letters of recommendation to: **Dr. Phillip D. Morse II, Department of Biology, Wayne State University, Detroit, Michigan 48202.**

An Affirmative Action/Equal Opportunity Employer

Diagnostics Research & Development Chemist/ Immunologist

The Diagnostics Division is seeking a research and development scientist to participate in one of the fastest growing and most dynamic divisions of our health care firm.

Candidates having the following qualifications are invited to apply. A Ph.D. in chemistry or immunology, with a demonstrated ability in immunochemistry, solid phase immobilization, antibody production and characterization, antigen-antibody or enzyme kinetics, and radioisotope labelling will be essential. Active work experience in one of the above areas, with industry experience preferred, is highly desirable.

We will look for a strong track record of accomplishments in the above areas as indicated by publications, patents, and independent research experience. The person we need will be highly motivated, capable of independent work, and possess the ability to manage a research project.

ABBOTT IS AN AFFIRMATIVE ACTION EMPLOYER AND WELCOMES APPLICATIONS FROM ALL QUALIFIED SCIENTISTS.

Abbott Laboratories is located in North Chicago, Illinois midway between Chicago and Milwaukee, Wisconsin. Please send resume, publications, references and salary history, in confidence to:

Louann Gonzalez
Corporate Placement

ABBOTT
NORTH CHICAGO, ILL. 60064

Abbott is an Affirmative Action Employer

Senior Pharmacologist

A cardiovascular pharmacologist with broad laboratory experience is needed for this opening. A thorough knowledge concerning the use and limitations of animal models used to screen and develop cardiovascular therapeutic agents, and recent publications which relate to the field, are considered essential. An excellent knowledge of hemodynamics and related instrumentation is mandatory. The candidate will have the responsibility of screening and developing drugs with potential utility in a broad area of cardiovascular diseases. A Ph.D. or M.D., or equivalent is a prerequisite to fill this important position.

Roche, provides an environment in which your work yields extra satisfaction. Your professional growth is aided by modern facilities and contacts with people in your own and related disciplines. We offer outstanding fringe benefits and a salary commensurate with background and training.

For additional information, please write in confidence to **Mr. Edward C. Meseck, Associate Employment Manager, Hoffmann-LaRoche, Inc., 340 Kingsland Street, Nutley, New Jersey 07110.**

an equal opportunity employer M/F

HOFFMANN-LAROCHE Inc.



Open to both
men and women



Public Service
Canada

Fonction publique
Canada

Department of Environment Canada
Environmental Management Service
Canadian Wildlife Service, Edmonton, Alberta

RESEARCH SCIENTIST (Ecological Effects of Toxic Chemicals)

Initial salary up to \$25,780 (dependent on experience)
Ref. No: 76-STP-32-169 (S)

Duties

The incumbent will study the ecological effects of toxic chemicals in the Canadian prairies and Arctic (NWT) and develop and lead a program of research on the effects of such contaminants as biocides and heavy metals on prairie, subarctic and arctic ecosystems.

Qualifications

The applicant must possess a Ph. D. or a lesser degree with evidence of research experience and productivity equivalent to that of the Ph. D. with a strong background in ecology of aquatic and terrestrial wildlife and biochemistry. Some statistical background would be useful.

The qualified applicants not offered this position will, if they wish, be retained in a candidate inventory for consideration for future vacancies. Knowledge of English is essential.

How to Apply

Forward completed "Application for Employment" (Form PSC 367-4110) available at Post Offices, Canada Manpower Centres or offices of the Public Service Commission of Canada, to:

Professional, Scientific and Technical Program
Public Service Commission of Canada
Esplanade Laurier, West Tower
300 Laurier Avenue West
Ottawa, Ontario K1A 0M7

Closing Date: January 21, 1977

Please quote the applicable reference number at all times.

POSITIONS OPEN

DIRECTOR, GORGAS MEMORIAL LABORATORY, PANAMA—Senior scientist, administrator for private nonprofit international research organization to direct aggressive expanding research and training programs in Latin America. Emphasis on diseases of the tropics; program areas include ecology, virology, parasitology, bacteriology, epidemiology, and immunology. Research and management experience required. Proficiency in Spanish desirable. Salary commensurate with training and experience. Starting dates between April 1977 and September 1977 will be considered at this time. Please send curriculum vitae, three letters of recommendation, and copies of major publications to: **Jack W. Millar, M.D., President, Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 2007 Eye Street, NW, Washington, D.C. 20006. Equal Opportunity Employer.**

ECOLOGIST

De Leuw, Cather & Company, consulting engineers and planners, has an immediate opening for a senior level aquatic and/or plant ecologist. The person selected for this position will be based in the Chicago headquarters office of the firm. Participation in interdisciplinary studies will require travel throughout the United States. Field experience, report-writing capability, and master's degree are essential requirements. Interested candidates are invited to submit a detailed résumé including salary requirements to: **Personnel Manager, De Leuw, Cather & Company, 165 West Wacker Drive, Chicago, Illinois 60601. An Equal Opportunity/Affirmative Action Employer.**

ELECTRON MICROSCOPIST

M.S. with experience and interest in electron microscopy of DNA to participate in molecular genetics program on protein-DNA interactions, plasmids. Appointment as high-level technician. Qualified candidates should submit résumé with three references to:

**M. L. Knill—Recruitment
Position No. 452
FREDERICK CANCER RESEARCH CENTER
Litton Bionetics, Inc.
P.O. Box B
Frederick, Maryland 21701
An Equal Opportunity Employer, M/F**

ELECTRON MICROSCOPIST: The Department of Zoology, University of Maine at Orono, invites applications for the position of assistant professor of zoology to begin 1 September 1977. Beginning salary \$12,000; Ph.D. required. Teaching responsibilities in ultrastructure and parasitology. May have opportunity to develop graduate course. Develop active program of research with aquatic organisms. Supervise use of two transmission electron microscopes with technical assistance; probability of addition of scanning microscope. Send credentials, reprints, and three letters of reference to: **Dr. Frank L. Roberts, Chairman, Department of Zoology, University of Maine, Orono, Maine 04473.** Deadline for receipt of applications, 15 February. *An Affirmative Action/Equal Opportunity Employer.*

TEACHER INTERN: The Department of Zoology, University of Maine at Orono, invites applications for the temporary position of assistant professor of zoology, reappointment possible for additional 2 years, to begin 1 September 1977. Academic year, \$12,000; Ph.D. required. Laboratory coordination, some lecturing, and supervision of graduate teaching assistants in large introductory biology course. Course is two-semester sequence: biological principles followed by course in zoology. Principles course is nontraditional computerized instruction. Opportunity for research in instructional methodology. Send credentials, reprints, and three letters of reference to: **Dr. Frank L. Roberts, Chairman, Department of Zoology, University of Maine, Orono, Maine 04473.** Deadline for receipt of applications, 15 February. *An Affirmative Action/Equal Opportunity Employer.*

EPIDEMIOLOGISTS. For biomedical research organization conducting various national and international studies on the associations between environmental factors and health effects. An advanced degree and at least 3 years of related experience in chronic disease etiology are required. Send résumé to **Personnel Director, Enviro Control, Inc., 11300 Rockville Pike, Rockville, Maryland 20852. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

ENVIRONMENTAL STUDIES EXTENSION

The Environmental Studies Program at Iowa State University announces a new adjunct position in environmental studies to begin 1 August 1977. The major responsibility of this position will be the development and teaching of off-campus courses and workshops but some on-campus teaching will also be required. Candidates must hold the Ph.D. or equivalent and demonstrate a strong commitment to interdisciplinary environmental studies. Appointment will be at the assistant professor level with a full-year base. Applications will be accepted until 15 February 1977 or until the position is filled. Résumés should be sent to: **Dr. Craig B. Davis, 141 Bessey Hall, Iowa State University, Ames, Iowa 50011. Iowa State University is an Equal Opportunity/Affirmative Action Employer.**

FACULTY POSITION IN PARASITOLOGY: Ph.D. in parasitology or equivalent, with strong qualification in a supporting basic science (immunology, cellular or molecular biology, and so forth). Duties include teaching of medical parasitology, participation in doctoral programs, performance and guidance of research. Send curriculum vitae, publications, and three references to **Dr. Kenneth W. Cochran, Parasitology Search Committee, Department of Epidemiology, School of Public Health, University of Michigan, Ann Arbor, Mich. 48109. A Nondiscriminatory, Affirmative Action Employer.**

FACULTY POSITIONS IN MECHANICAL ENGINEERING

The State University of New York at Buffalo has several faculty openings for teaching and research in design, systems analysis and controls, and in materials, processing, and manufacturing. Applicants should have a strong background in the most modern aspects of their particular specialties in mechanical engineering. Ranks and salaries are open for these positions which may be filled in September 1977. We will consider both new Ph.D.'s and candidates already well established in their fields. The department will have extensive opportunities for new research and teaching initiatives in occupying its new quarters on our new suburban campus. Our extensive laboratory space there will be accompanied by very substantial capital funds for new instruments and equipment. Send résumé and the addresses of professional references, by 1 March 1977, to **Professor Benjamin Gebhart, Chairman, Department of Mechanical Engineering, Parker Engineering, State University of New York at Buffalo, Buffalo, N.Y. 14214. An Affirmative Action/Equal Opportunity Employer.**

UNIVERSITY OF WISCONSIN—MADISON FACULTY POSITION IN FOREST GENETICS

An opening at the level of assistant professor, associate professor, or professor is available. Appointment and salary will be at a level commensurate with qualifications and experience. Duties comprise about 40 percent teaching and 60 percent research. Applicants should have a Ph.D. degree in genetics or forest genetics and some training or experience in silviculture. At least one degree in forestry is desirable. Research funding will be immediately available. Send inquiries, résumés, transcripts, reprints of publications, and three letters of reference to:

**Dr. T. T. Kozlowski
Chairman, Search Committee
Department of Forestry
University of Wisconsin—Madison
1630 Linden Drive
Madison, Wisconsin 53706**

Closing date for applications is 21 January 1977. *The University of Wisconsin is an Equal Opportunity Employer. Applications from women and minorities are welcome.*

GENETICIST/PLANT BREEDER

Geneticist/plant breeder, assistant professor, Department of Agronomy and Range Science, University of California, Davis. Ph.D. with training in plant breeding and genetics and background or interest in agronomy. Duties will include teaching and research involving the genetics and breeding of alfalfa. Submit curriculum vitae, transcripts, and list of publications, and request three letters of reference be sent to **C. W. Schaller, Department of Agronomy and Range Science, University of California, Davis, California 95616. Telephone: 916-752-1700.** Applications may not be considered if received after 1 March 1977. *Equal Opportunity Employer with an Affirmative Action Program.*

POSITIONS OPEN

UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE FACULTY APPOINTMENT IN BIOLOGICAL CHEMISTRY

The department has recently moved into new, enlarged, and well-equipped facilities and is completing its program of staff expansion. One position is open at the assistant professor rank but an appointment may be made as associate professor, depending on experience.

All applicants should have at least 2 to 3 years of postdoctoral training, proven research ability, and experience and interest in teaching biochemistry. Applicants will be expected to develop independent research programs and supervise the training of Ph.D. candidates. In addition to fundamental research, excellent opportunities exist for collaboration with clinical colleagues on medically oriented problems. The department seeks an outstanding person with research interests and experience in one of the following areas: membranes; immunochemical mechanisms, origin of antibody diversity; somatic cell genetics; cloning of genes. These areas may be broadly interpreted; the qualifications and experience of the applicant will be given prime consideration.

Applicants should send a résumé and a detailed outline of future research plans to **Dr. Harry Rudney, Director, Department of Biological Chemistry, College of Medicine, University of Cincinnati, Cincinnati, Ohio 45267.**

An Equal Opportunity Employer

FACULTY POSITION IN PATHOLOGY

The Department of Pathobiology, University of Pennsylvania School of Veterinary Medicine, has an opening for a senior diagnostic pathologist in the laboratory of large animal pathology. The successful candidate will be responsible for leading a group of large animal pathologists in service pathology, in the training of residents, and in the large animal pathology teaching program. Requirements include a D.V.M. or equivalent degree, advanced training in pathology and/or certification by the American College of Veterinary Pathologists and several years of experience in diagnostic pathology. The individual should also be willing to assist in the development of a planned diagnostic laboratory. Academic rank and salary will be commensurate with qualifications and experience. Applications including curriculum vitae and names of three references should be sent by 15 March 1977 to: **Dr. W. T. Weber, Department of Pathobiology, School of Veterinary Medicine, University of Pennsylvania, 3800 Spruce Street, Philadelphia, Pa. 19174. An Equal Opportunity/Affirmative Action Employer.**

MEDICAL SCHOOL FULL-TIME FACULTY POSITION

The new and innovative University of Missouri—Kansas City Medical School has openings for internists and/or medical subspecialists who are interested in teaching and primary patient care. The emphasis is on teaching medical students and house-staff clinical medicine and on continuing patient care, in both clinic and hospital. Each faculty member has responsibility for a specific group of medical students, guiding them through their education. There is ample opportunity, but no requirement, to undertake research. Facilities are modern, and fringe benefits are excellent. The egalitarian organizational structure allows considerable freedom and time for professional growth. For further information, please contact **Lee Langley, Ph.D., Associate Dean, University of Missouri—Kansas City School of Medicine, 2411 Holmes, Kansas City, Missouri 64108.**

TWO FACULTY POSITIONS—Department of Urban Studies and Planning, Massachusetts Institute of Technology.

Environmental Design: teaching, research in design, programming, management of spatial environment; understanding of the social, political, economic context. MCP, MArch, or MLA with appropriate experience.

Environmental Policy: teaching, research in environmental policy, evaluation, assessment (ecology, natural systems, pollution, energy, technology of environment control). Ph.D. or equivalent experience; strong background in natural science, related social sciences.

Submit curriculum vitae by 15 January 1977 to **Professor T. Lee, 10-485, Massachusetts Institute of Technology, Cambridge, Mass. 02139. Minorities, women especially encouraged to apply.**

POSITIONS OPEN

FACULTY POSITION PHARMACOLOGY/TOXICOLOGY

Faculty position available 1 July 1977 in pharmacology/toxicology. Successful candidate will be expected to participate in pharmacology and toxicology education programs at the undergraduate and graduate levels. The individual will be expected to maintain an active research program and to develop extramural research support. Opportunity for research collaboration exists with other faculty members in the areas of biochemical pharmacology and toxicology, neuropharmacology, and cardiovascular pharmacology. Preference will be given to candidates with a pharmacy background who show promise of developing research programs of high quality and of becoming excellent teachers. The appointment will be at the level of assistant professor.

To apply, send curriculum vitae and names of three individuals who may be contacted for letters of recommendation to:

Dr. Robert T. Louis-Ferdinand, Professor
Wayne State University
College of Pharmacy and Allied Health Professions
1400 Chrysler Drive
Detroit, Michigan 48202

Wayne State University is an Equal Opportunity Employer.

LECTURER, ASSISTANT RESEARCH PSYCHOBIOLOGIST. Beginning 1 January 1977 a position is available in the Department of Psychobiology requiring both teaching and research. Applicants must have completed the doctorate, should be interested in teaching neurobiology at the undergraduate level and should be pursuing research in neurobiology, specializing in the area of in vitro neurophysiology. Address applications to **Dr. Gary S. Lynch, Department of Psychobiology, University of California, Irvine, California 92717**, providing curriculum vitae and publications. At least three letters of recommendation should be sent by references. *Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.*

THE LIBRARY OF CONGRESS DIVISION FOR THE BLIND AND PHYSICALLY HANDICAPPED

GS-14 \$28,725 to \$37,347. GS-15 \$33,789 to \$39,600. (Only one vacancy.)

The Library of Congress invites applications for the position of **Supervisory Electronics Engineer** (Assistant Chief for Production) of the Materials Development Office of DBPH in the Reader Services Department. The incumbent is responsible for supervising all activities related to the design, development, and production of cassette and phonograph machines, and recorded and Braille books.

Candidate must have 6 years of experience including extensive experience in the administration of manufacturing operations involving electronic and electromechanical equipment for consumer use, plus experience in design, development, testing, production, program planning, program management, quality assurance, and production control procedures. Must have knowledge of human factors engineering and reliability engineering in addition to state-of-the-art techniques in audio frequency electronic circuit design and electronic packaging. Grade level will be determined by the amount of specialized experience.

Educational requirement: bachelor's degree in engineering.

The information stated above only highlights the requirements of the position. For complete details, call Head, Office Services, 202-426-6304, or Recruitment and Placement Office, 202-426-5620.

To apply, send Standard Form 171 (Personal Qualifications Statement) to:

The Library of Congress
Recruitment and Placement Office
10 First Street, SE (BC/SCI/4098)
Washington, D.C. 20540

Civil Service status not required.
Equal Opportunity Employer

POSITIONS OPEN

FACULTY POSITION/ECOLOGY

The University of Houston at Clear Lake City, an upper level university, has a faculty position open for an individual with a broad background in biological sciences and specific interests in ecology. Preference will be given to those with additional background in marine sciences. The individual should have a strong commitment to teaching and interests in research. Prior teaching and/or industrial experience expected. Salary and position commensurate with experience.

Interested persons should submit curriculum vitae and three letters of recommendation by 15 February 1977 to: **Dr. Robert C. Hopkins, Program Director for Sciences, University of Houston at Clear Lake City, 2700 Bay Area Boulevard, Houston, Texas 77058.**

University of Houston at Clear Lake City is an Equal Opportunity Employer.

HEAD, DIVISION OF NATURAL SCIENCE AND ENGINEERING

The Pennsylvania State University, the Behrend College, Erie, Pa., invites applications and nominations for this new position. Candidates should have an earned doctorate, an outstanding academic record, and a demonstrated capacity for academic leadership, including the ability to work with other units of the University, with faculties with academic backgrounds in many disciplines and interested in academic programming and staff development. Candidates should be familiar with the laboratory sciences and have a discipline background in such areas of study as chemistry, biology, engineering, or physics. The academic rank would be at the associate professor/professor level. The appointment would be effective 1 July 1977.

Applications, including complete curriculum vitae and three to five letters of reference, should be sent by 9 January 1977 to: **Search Committee, Office of the Dean of Faculty, the Behrend College, the Pennsylvania State University, Station Road, Erie, Pennsylvania 16510.** An Affirmative Action/Equal Opportunity Employer.

FACULTY POSITIONS OPEN COLLEGE OF MEDICINE KING FAISAL UNIVERSITY DAMMAM, SAUDI ARABIA

Applications are now invited from qualified men and women in these pre-medical and preclinical subjects:

Chemistry	Biochemistry
Biology	Physiology
Physics	Embryology
Anatomy	Pathology
Community Medicine	Biostatistics
Histology	Epidemiology

Doctorate or similar degree required. M.D. degree receives higher salary. Language of instruction is English. Positions are available immediately and for 1977-78.

Salary ranges: per month including bonuses (approximate annual equivalent in dollars).

Professor SR 6,720 to SR 7,392 (\$22,600 to \$24,800)

Associate Professor SR 5,376 to SR 6,496 (\$18,100 to \$21,800)

Assistant Professor SR 4,032 to SR 5,152 (\$13,500 to \$17,300)

Lecturer SR 2,800 to SR 3,925 (\$9,400 to \$13,200)

(Present exchange rate: SR 1 = App. US\$0.28)

Free furnished accommodation is provided.

Send all résumés and letters of interest to:

Mohammed T. Altorki, M.D., MRCP
Dean of the Medical Faculty
King Faisal University
Saudi Arabian Educational Mission
2223 West Loop South, Suite 400
Houston, Texas 77027

POSITIONS OPEN

FULL/ASSOCIATE PROFESSOR Ecology and Systematics

The Department of Biology, University of Ottawa, has an opening for an individual with a distinguished research record in ecology. Candidates should be prepared to establish a strong independent research program and to take an active role in the undergraduate (preferably botany) and graduate teaching activities of this department. Ability to teach in French or willingness to learn within a definite period is considered essential. Rank and salary commensurate with experience. Exceptional applicants at the assistant professor level will be also considered. Applicants should submit a curriculum vitae, a selection of representative reprints, and have three letters of reference sent to: **Chairman, Search Committee, Department of Biology, University of Ottawa, Ottawa, Ontario, Canada K1N 6N5.** Deadline for receipt of applications is 10 March 1977.

HEAD, DEPARTMENT OF SYSTEMS ENGINEERING, University of Illinois at Chicago Circle. Position open September 1977. The department has a full-time faculty of 15 and offers undergraduate and graduate degrees in industrial engineering, operations research, systems analysis and design, urban and transportation systems. Candidates should have an earned doctoral degree, an outstanding record in research, and demonstrated ability in teaching and administration. Send résumé, list of publications, and names of three references to: **Dr. Richard M. Michaels, Chairman, Search Committee, 925 SEO, University of Illinois, Box 4348, Chicago, Illinois 60680.** An Equal Opportunity/Affirmative Action Employer.

NEUROSCIENTIST

Interest in autonomic nervous system. Must be familiar with neurophysiologic and neuroanatomic techniques. Salary commensurate with experience. Send résumé to **Box 18, SCIENCE.**

CANCER BIOLOGIST San Francisco Bay Area

We are seeking an experienced cancer biologist to establish a new group that will be an integral part of a multi-disciplinary research & development team working on new drug treatment methods. Experience with developing new drug evaluation models, biology of tumor cells, and/or biochemistry of anti-tumor agents is necessary. An additional responsibility will be managing drug screening procedures.

Candidates must have a Ph.D in Biological Science, 8-10 years research experience with increasing responsibility, and the ability to interface well with other disciplines. Successful candidate will be expected to generate outside support for the group.

SRI is a \$100 million World-wide, non-profit organization performing contract research in a variety of fields for government and industry.

Please send resume, salary requirements and list previous research support sources to **R. M. Goertler, SRI, 333 Ravenswood Ave., Menlo Park, CA 94025**



POSITIONS OPEN

UNIVERSITY OF TROMSØ, NORWAY, Institute of Biology and Geology

Applications are invited for a position as **LECTURER IN PLANT PHYSIOLOGY** at the Institute of Biology and Geology, University of Tromsø in northern Norway. Teaching responsibilities include undergraduate and graduate courses in plant physiology. Instructions can be done in English until Norwegian has been learned. Applicants with some knowledge of Scandinavian languages may be given preference. The position also provides an opportunity to conduct research studies on growth and development of higher plants, and applicants with a good background in experimental plant physiology are especially encouraged to apply.

The Institute of Biology and Geology has completely new facilities for conducting research, including growth chambers, a phytotron which is presently under construction, fully equipped laboratories suitable for all types of physiological and biochemical analyses, computer terminals, and good library services.

Tromsø University is unique in being the northernmost University of the world. Assistance will be provided to locate housing facilities. The position is available immediately and application should be made by 31 January 1977. Salary: kr. 80,544, to 101,239,- N.kr. For further information contact:

University of Tromsø
P.O. Box 635
9001 Tromsø
Norway

POSITION IN HISTOLOGY AND EMBRYOLOGY—Faculty position in histology and embryology at instructor or assistant professor level will become available as of September 1977. Duties will include teaching to preclinical students. Starting salary \$10,000 to \$12,000. Send curriculum vitae and names of references to **Dr. John Triano, Logan College of Chiropractic, Box 100, Chesterfield, Missouri 63017.** An Affirmative Action/Equal Opportunity Employer.

LAB INSTRUCTOR AND RESEARCH TECHNICIAN—An immediate position is available for lab instruction in biochemistry. Salary is dependent on experience and familiarity with electrophoresis and chromatographic techniques. Send curriculum vitae and names of references to **Dr. John Triano, Logan College of Chiropractic, Box 100, Chesterfield, Missouri 63017.** An Affirmative Action/Equal Opportunity Employer.

LECTURER, MICROBIOLOGY. Temporary position as instructor for introductory lecture and lab course in general microbiology. Spring quarter 1977 (April-June) and summer session 1977 (June-July). Ph.D. in microbiology, preferably with postdoctoral and/or teaching experience. Salary approximately \$1500 per month, depending on qualifications. Send curriculum vitae and the names of three references to **Department of Bacteriology, University of California, Davis, California 95616.** Deadline: 31 January. The University of California is an Equal Opportunity/Affirmative Action Employer.

MARINE ECOLOGIST, BIOLOGIST, or OCEANOGRAPHER: U.S. Department of Commerce, NOAA, Outer Continental Shelf Environmental Assessment Program. Duty Station: Boulder, Colorado or Juneau or Fairbanks, Alaska. Competitive Civil Service (GS-14) \$28,725 per year (plus 25 percent allowance if duty is in Alaska). Incumbent formulates and evaluates programs on environmental impact of OCS energy development. Qualifications: B.S. or higher degree in marine ecology/biology, biological oceanography, or a related marine science plus 3 years of progressive experience in one of the above fields. Candidates must have demonstrated experience in managing marine environmental programs. Additional information may be obtained from **OCS Program Office, telephone: 303-499-1000, ext. 6562.** Secure application form (SF-171) from any Federal Personnel Office or U.S. Civil Service Commission Office and submit to: **DOC/NOAA/ERL, Personnel Services Division (R561), Attn: Ms. Straight, Boulder, Colo. 80302.** Ref. Vac. #A1332. Applications must be postmarked no later than 31 January 1977 to receive consideration. An Equal Opportunity Employer.

PLANT PHYSIOLOGIST

The Department of Botany seeks applicants for a position in plant physiology at the rank of assistant professor. Although the area of specialization is flexible, the appointee should have strong training in biochemistry, be able to teach graduate courses in plant physiology/biochemistry (as well as undergraduate courses), and should have postdoctoral teaching and/or research experience. He or she will be expected to establish a strong independent research program that should complement the interests of the departmental faculty. Salary negotiable. Send curriculum vitae with names of at least three referees to **Dr. Ronald H. Petersen, Department of Botany, University of Tennessee, Knoxville, Tenn. 37916.** Closing date for applications is 15 February 1977. The University of Tennessee is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

MEDICAL MICROBIOLOGIST, Ph.D. Applications are invited for a position (assistant professor) in the Department of Biology, effective fall 1977. Responsibilities will include teaching introductory biology, microbiology, and medical bacteriology, development of laboratory courses in medical and clinical microbiology, and curriculum development in the area of medical technology. Candidates should demonstrate strong capability for instruction of undergraduate students. Research is encouraged and expected; a graduate program leading to the M.S. degree is well established. Applicants should have a broad background in medical microbiology, and have either postdoctoral experience or training in the clinical laboratory.

Send letters of application, curriculum vitae, copies of publications, and three reference letters to **Dr. Phillip Sheeler, Department of Biology, California State University, Northridge, California 91330.** Deadline for receipt of applications is 1 April 1977.

The University is an Equal Opportunity/Affirmative Action/Title IX Employer.

MEDICAL ONCOLOGIST UNIVERSITY OF VERMONT

Full-time position in department of medicine at rank of assistant associate professor to participate in clinical research, teaching, and patient care. An excellent opportunity for well-trained individual to enjoy university participation in congenial community. Send curriculum vitae to **Irwin H. Krakoff, M.D., Director, Vermont Regional Cancer Center, University of Vermont, MCHV Burgess Residence, Burlington, Vermont 05401.**

An Affirmative Action Employer

MUTAGENESIS (GENETICIST/BIOCHEMIST)

The National Institute of Environmental Health Sciences, National Institutes of Health, Public Health Service, invites applications for appointment to the NIH Staff Fellowship Program to begin on or about 1 September 1977, for work on mutagenic mechanisms. Candidates should have from 1 to 6 years postdoctoral training, research expertise and demonstrated creativity in one or more of the following: genetics of *E. coli* and/or phage T4; chemistry and/or enzymology of DNA replication and/or repair.

Appointments will be made initially for a period of 2 years with later possible permanent appointment based on outstanding performance. Stipends range from \$15,120 to \$26,527 based on total experience and demonstrated research accomplishments.

Please send curriculum vitae and bibliography with names of at least three references to:

Alvin L. Wade
NIEHS Personnel Office
P.O. Box 12233

Research Triangle Park, N.C. 27709

Letters must be received by 28 January 1977 to be considered.

An Equal Opportunity Employer

POSITIONS OPEN

DEPARTMENT OF KINESIOLOGY

An appointment is open for a physician with research interest in any aspect of human physiology, bioengineering, prosthetics, or human factors in the Department of Kinesiology at Simon Fraser University. The appointee will work in an interdisciplinary environment with biochemists, engineers, work physiologists, and biomechanics faculty. The graduate and undergraduate teaching and research of the department emphasizes human performance in normal and extreme conditions.

Appointment will be made effective 1 September 1977 and will be at either the assistant or associate professor level. Salary is negotiable. Applications, together with three references, to be sent to:

Dr. T. W. Calvert, Chairman
Kinesiology Department
Simon Fraser University
Burnaby, B.C., Canada V5A 1S6

MICROBIOLOGIST

A position for a Ph.D. microbiologist at the assistant or associate professor level is open in August 1977. Primary responsibility will be undergraduate/graduate instruction with emphasis upon allied health. Research activity is encouraged. Closing date for applications is 18 February. Applicants should forward curriculum vitae, three letters of reference, and transcripts to **William Davies, Chairman, Department of Biology, Purdue University at Fort Wayne, Fort Wayne, Indiana 46805.**

An Affirmative Action/Equal Opportunity Employer

PHYSICAL ANTHROPOLOGIST sought by University of California, Davis, with specialties other than osteology, human paleontology, primate behavior/ecology. Position funded at the assistant professor level (minimum salary: \$14,500 per 9 months), but rank and salary are dependent on applicant's qualifications. Applicants should have Ph.D. in hand. Send curriculum vitae, publications, and three letters of recommendation before 20 February 1977 to **H. M. McHenry, Anthropology, University of California, Davis, Calif. 95616.** The University of California is an Equal Opportunity/Affirmative Action Employer.

PHYSIOLOGICAL PSYCHOLOGIST. Ph.D. in physiological psychology with research emphasis in either neurochemistry or animal behavior. Assistant professorship with undergraduate and graduate teaching. Current floor around \$16,000. This position is available subject to budget ratification. Send curriculum vitae and names of referees to: **Dr. Dooreen Kimura, Department of Psychology, University of Western Ontario, London, Canada N6A 5C2.**

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

One or more positions, including chairperson, in the Department of Ergonomics and Physical Education. Departmental emphasis on human performance; candidates sought with interests in motor learning, biomechanics and/or public health. Strong research, teaching record, and Ph.D. or equivalent degree required. Salary level dependent on qualifications. Applications, with curriculum vitae should be sent by 1 March 1977 to **Evelyn M. Jones, Chairman, Department of Ergonomics and Physical Education, University of California, Santa Barbara, Santa Barbara, Calif. 93106.**

Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITION available for research in the area of in vitro biological nitrogen fixation. Applicant should have a recent Ph.D. Position now available for 1 year with 1 year renewal option. An Equal Opportunity/Affirmative Action Employer. Please send résumé and three letters of recommendation to: **Box 19, SCIENCE.**

POSTDOCTORAL POSITION: Position available January 1977 for Ph.D. in virology with interest in the biophysical aspects of virus adsorption, for study of interaction of icosahedral animal viruses with pure minerals, organically coated mineral surfaces, and soils. Salary \$10,714 to \$13,404, depending on experience. Send curriculum vitae and names and addresses of references to **Box 14, SCIENCE.**

POSITIONS OPEN

PLANT PHYSIOLOGIST

The Department of Botany at the University of Illinois invites applications for a position at the assistant professor, or possibly associate professor level in the area of plant physiology for fall 1977. Salary is open. Candidates should be well qualified to teach undergraduate and graduate courses in this area and show high promise in developing a productive program of research. Curriculum vitae including copies of publications, a brief summary of research interests, and three letters of reference should be sent to: **Frederick Meins, Jr., Chairman, Search Committee, Department of Botany, University of Illinois, Urbana, Ill. 61801. Telephone: 217-333-1611.** The deadline for receiving applications is 15 February 1977. *The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from minorities and women.*

POSTDOCTORAL POSITION

Postdoctoral position to join group investigating metabolic alterations resulting from trauma, particularly burns.

Excellent research facilities available. Joint appointment at the Shriners Burns Institute, Massachusetts General Hospital, and Harvard Medical School. U.S. citizen or resident visa. Please send curriculum vitae and names of three references to:

Dr. Robert R. Wolfe
Department of Surgery
Massachusetts General Hospital
Boston, Massachusetts 02114

POSTDOCTORAL POSITION for recent Ph.D. in genetics with experience in protein chemistry. Training and/or experience in population genetics desirable. Available immediately to develop methods in prenatal diagnosis and research in human genetics. Tenure 1 to 2 years.

Application with curriculum vitae, references, and reprints should be sent to:

Dr. Ray M. Antley, Director
Division of Medical Genetics
Methodist Hospital of Indiana
1604 North Capitol Avenue
Indianapolis, Ind. 46202

POSTDOCTORAL POSITION IN BIOCHEMISTRY, COLUMBIA UNIVERSITY

The Department of Biochemistry, Columbia University, announces the availability of a postdoctoral position in x-ray crystallography as research associate (corresponds in research to assistant professorial rank). Previous experience in single crystal x-ray structure determination of proteins and biologically important small molecules is required. Prospective candidates should submit résumés together with the names of three persons familiar with their research to: **Professor Barbara W. Low, Department of Biochemistry, Columbia University, 630 West 168 Street, New York, N.Y. 10032.**

Columbia University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH ASSOCIATE in membrane neurobiology. A position is available to participate in investigations of the physiology and pharmacology of excitable membranes. Current research includes the application of both electrophysiological and biochemical methods to study the actions of toxins and anesthetics on nerve membranes. The laboratory participates in the university-wide neurosciences program. Starting salary: \$12,000 per year. Write to: **Dr. G. R. Strichartz, Health Sciences Center, Department of Physiology and Biophysics, State University of New York at Stony Brook, Stony Brook, N.Y. 11794. Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL RESEARCH ASSOCIATE position in parasitology available immediately for research on surface antigens of trypanosomes and host immune response elicited by them. Experience in immunology, cell biology, or biochemistry desirable. Send curriculum vitae and names of references to **Dr. P. A. D'Alessandro, Columbia University, College of Physicians and Surgeons, Division of Tropical Medicine, 630 West 168 Street, New York, N.Y. 10032. An Equal Opportunity/Affirmative Action Employer, M/F.**

POSITIONS OPEN

POSTDOCTORAL RESEARCH POSITIONS IN BIOCHEMISTRY. Two positions available in the Department of Biochemistry and Division of Medical Genetics for postdoctoral fellows to pursue research on specific problems in red cell metabolism and protein isolation. The salary range for these currently funded positions is \$10,000 to \$14,000 per year depending upon experience and other qualifications. Send résumé and names and addresses of three references to: **Dr. Richard T. Jones, Chairman, Department of Biochemistry, School of Medicine, University of Oregon Health Sciences Center, Portland, Oregon 97201. An Affirmative Action/Equal Opportunity Employer.**

A 2-year position is available for a **POSTGRADUATE RESEARCH PARASITOLOGIST** in the University of California International Center for Medical Research to carry out research on immunity of filarial infections in Malaysia. The position is open to American citizens holding an M.D. or Ph.D. degree with experience and interest in immunology and parasitology. Apply with detailed curriculum vitae and three letters of recommendation to: **Dr. K. J. Lie, Associate Program Director, Hooper Foundation, University of California, San Francisco, California 94143.**

An Equal Opportunity/Affirmative Action Employer. Women and minority candidates are encouraged to apply.

RADIOIMMUNOASSAY

Biomedical research center located 45 miles northwest of Washington, D.C. has position available for individual with M.S. in biology and several years of experience in RIA (radioimmunoassay). Background should include experience with various methods of labeling and purification of ligands. Qualified candidates should send résumé with names of three references and salary history to:

M. L. Knill—Recruitment
Position No. 522

FREDERICK CANCER RESEARCH CENTER
Litton Bionetics, Inc.

P.O. Box B
Frederick, Maryland 21701

An Equal Opportunity Employer, M/F

RESEARCH ASSOCIATE: A postdoctoral position is available immediately to study the behavioral and perceptual effects of hallucinogenic and narcotic drugs to analyze the neuropharmacological mechanisms underlying these effects. Stipend: \$10,000 per annum, possibly renewable for 1 or 2 years. Send curriculum vitae and three letters of recommendation to: **Dr. James B. Appel, Department of Psychology, University of South Carolina, Columbia, S.C. 29208**

An Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE

To study primate retinal physiology with electrophysiological techniques. Applicants should be recent Ph.D.'s. Those with a strong background in visual science will be given preference. Candidates will be expected to partake in the development of particular studies and assume responsibility for a laboratory computer facility.

Interested candidates should send curriculum vitae and names of three references to: **Dr. William Baron, Electronics and Bioengineering Laboratory, Stanford Research Institute, 333 Ravenswood Avenue, Menlo Park, Calif. 94025. An Equal Opportunity Employer.**

UNIVERSITY OF OKLAHOMA COLLEGE OF MEDICINE

Applications are solicited for faculty positions in the following areas: **Senior Scientist in Immunology.** To direct the Division of Cancer Studies at the Oklahoma Cancer Center. Experience in program development and grants management required. **Assistant or Associate Professor, Department of Pathology.** Chief Pathology Service (comparative medicine). Must hold a D.V.M. plus at least a M.S. or equivalent in laboratory animal/comparative pathology. Duties include direction of the Research Animal Diagnostic Laboratory which has capabilities for necropsies, histopathology, hematology/urinalysis, chemistry, microbiology, and parasitology. Duties also include performing necropsies and evaluating and interpreting lab findings. Educational and research participation. Applicants should send curriculum vitae to: **Dr. Thomas N. Lynn, Dean, College of Medicine, P.O. Box 26901, Oklahoma City, Oklahoma 73190. Equal Opportunity Employer.**

POSITIONS OPEN

RESEARCH ASSOCIATE. Positions available immediately in the areas of biochemistry (lipid metabolism/carbon-14), analysis of trace organics in the marine environment and energy research (novel pyrolysis/GC of coal). Ph.D. or M.Sc. with experience in one or more areas preferred. Salary open. Send résumé, transcripts, and three letters of reference to **Dr. C. S. Giam, Department of Chemistry, Texas A&M University, College Station, Texas 77843.**

The Midland Macromolecular Institute invites applications for a **SENIOR FACULTY POSITION.** Duties will involve research in molecular oncology and teaching in molecular biology, biochemistry, organic chemistry, or related fields at the graduate level. Prospective candidates with proven ability to carry out vigorous and imaginative research programs should contact the **Search Committee 7702, Midland Macromolecular Institute, 1910 West St. Andrews Road, Midland, Michigan 48640,** for details before submitting applications. **Telephone: 517-631-9453. Midland Macromolecular Institute is an Equal Opportunity/Affirmative Action Employer.**

SYSTEMS ANALYSTS/OPERATIONS RESEARCHERS. Ph.D./M.S. with multidisciplinary experience in weapons systems engineering and cost-effectiveness studies, quantitative economic analysis of R & D programs, or computer science (large-scale systems) studies. Emphasis on U.S. Air Force weapon systems and on health care delivery systems. U.S. citizens only (security clearance). Résumés and salary history to **Analytic Services Inc. (ANSER), 5613 Leesburg Pike, Falls Church, Va. 22041,** an independent nonprofit corporation. *Equal Opportunity/Affirmative Action Employer, M/F.*

VERTEBRATE PHYSIOLOGIST: With a strong background in ornithology and a commitment to excellence in teaching and research. To teach ornithology, physiology, and general zoology. Fall 1977. Assistant professor, \$12,000 to \$14,800. Regular position. To apply, send résumé, transcripts, thesis summary, and the names of three references to **Dr. W. K. Patton, Chairman, Department of Zoology, Ohio Wesleyan University, Delaware, Ohio 43015. An Equal Opportunity/Affirmative Action Employer.**

SYMPOSIUM

PHARMACOLOGICAL INTERVENTION OF AGING PROCESSES

26 to 28 May 1977, Hilton Hotel, Valley Forge, Pa.

Purpose: To examine potential for interfering with degenerative processes which accompany aging and for modifying effects of aging on drug action.

16 Hours of Category I Continuing Education Credit.

Write to: **Dr. Richard Adelman, Albert Einstein Medical Center, N.D., Korman Building, Philadelphia, Pennsylvania 19141.**

GRADUATE STUDY

GRADUATE STUDY

The Department of Biological Sciences, in cooperation with the basic science faculty of the University of Maryland at Baltimore, provides graduate education toward the M.S. and Ph.D. in the areas of molecular biology and biochemistry, genetics, and cell developmental, organismic, and population biology.

TEACHING ASSISTANTSHIPS and MINORITY STUDENT FELLOWSHIPS are available for qualified applicants. For details write to **Dr. R. P. Burckard, Department of Biological Sciences, University of Maryland Baltimore County, Catonsville, Maryland 21228.**

GRADUATE STUDIES: Department of Physiology and Biophysics, University of Kentucky Medical Center, seeks applicants for its Ph.D. program. Graduate assistantships (\$3900 per year) are available on a competitive basis. Current research projects of the faculty include circulatory dynamics, cardiovascular regulation, pulmonary function and regulation, neurobiology, including neural correlates of behavior, and the physiology of aging.

Write: **Graduate Coordinator, Department of Physiology and Biophysics, University of Kentucky College of Medicine, Lexington, Kentucky 40506.**

An Equal Opportunity Employer

The MARINE BIOLOGICAL LABORATORY (MBL)

Woods Hole, Massachusetts

COURSES, SUMMER 1977

Graduate and advanced undergraduate level courses range from 6 to 12 weeks.

ECOLOGY (13 June to 1 August): A lecture, laboratory and field course on the structure, function, and development of ecosystems as interacting units of the biota. Lectures and discussions range from theory through to applications in human affairs. Staff of the Ecosystems Center: G. M. Woodwell (director), D. B. Botkin, J. E. Hobbie, C. A. S. Hall, J. M. Melillo, B. J. Peterson; special lecturers.

EMBRYOLOGY (20 June to 26 August): The theme will be "Extracellular Signals in Cell Growth and Differentiation" with a focus on the nature of these signals, the interactions at cell membranes involved in reception, and the transduction of the signals into primary responses of cells. Laboratory exercises will utilize marine embryos available locally. Staff: D. Epel, Scripps Institution of Oceanography, and T. Humphreys, Kewalo Marine Laboratory—University of Hawaii (directors of the course); S. Cohen, Vanderbilt University; special lecturers.

EXPERIMENTAL INVERTEBRATE ZOOLOGY (19 June to 30 July; post-course research 1 to 27 August): A formal lecture, laboratory and field course in "Environmental Physiology and Biochemistry." The focus will be on adaptations of cell and organ-system function to the habit and habitat of the animal, and on the mechanisms by which organisms adjust to their environments. Staff: M. J. Greenberg (director of the course), Florida State; S. H. Bishop, Baylor College of Medicine; R. L. Pardy, University of California-Irvine; S. K. Pierce, Jr., University of Maryland; D. Prior, University of Kentucky; J. M. Shick, University of Maine; others to be appointed.

EXPERIMENTAL MARINE BOTANY (19 June to 31 July; post-course research 1 to 27 August): A tutorial program in "Comparative Biology and Biochemistry of Algae." A series of seminars and laboratory exercises in algal physiology, biochemistry, genetics, development, ecology, macro, micro, and molecular morphology with evolution serving as the unifying concept. Staff: J. A. Schiff (director of the course), Brandeis University; D. Mauzerall, Rockefeller University; J. Fiore (laboratory instructor), Suffolk University; others to be appointed.

NEUROBIOLOGY (23 June to 27 August): A lecture and laboratory course that will demonstrate both the diversity of experimental preparations used to study the nervous system, and that various techniques can be combined in the approach to research problems. Staff: E. A. Kravitz, Harvard Medical School, and A.O.W. Stretton, Wisconsin University (directors of the course); J. B. Cohen, G. D. Fischbach, E. J. Furshpan, and D. D. Potter, Harvard Medical School; P. Claude, Wisconsin University; J. Heuser, San Francisco University Medical School; P. O'Leary, University of California-Los Angeles; T. S. Reese, National Institutes of Health.

PHYSIOLOGY (12 June to 23 July; post-course research 25 July to 1 September): A lecture and laboratory course centered on the structure and processes of the eukaryotic cell. Physical and chemical techniques will be taught as an integral part of the course. Staff: K. E. Van Holde (director of the course), Oregon State University; R. Stephens, Brandeis University, and MBL; L. Klotz, Harvard University; L. Cohen, Institute for Cancer Research; J. Brown, University of Virginia; B. Hall, University of Washington; T. Baldwin, University of Illinois.

PROGRAM IN MICROBIAL ECOLOGY (20 June to 29 July; post-course research 1 to 26 August): A Research Training Program, conducted in cooperation with the Woods Hole Oceanographic Institution, will focus on the physiological and biochemical basis of interactions between microorganisms and their natural environment. Staff: H. W. Jannasch, Woods Hole Oceanographic Institution, and E. R. Leadbetter, Amherst College (directors of the course); J. Gibson, Cornell University; R. E. Hungate, University of California-Davis; K. H. Nealson, Scripps Institution of Oceanography. Visiting instructors: J. S. Poindexter, City University of New York; J. G. Ferry, Virginia Polytechnic Institute; A. Keynan, Hebrew University, Jerusalem.

TUITION: \$600 for all except ecology, embryology, and neurobiology; \$250 post-course research; \$850 ecology, embryology, and neurobiology. **ROOM,** including **BOARD,** for 6 days: from \$47 per week. **SCHOLARSHIP** funds are available.

For further information and application forms write to **Admissions Office, Marine Biological Laboratory, Woods Hole, Mass. 02543.** Deadline for applications is 1 March. *MBL admits students of any race, color, and national or ethnic origin.*

PROGRAMS

DOCTORAL PROGRAM IN PROBLEMS OF TECHNOLOGY AND PUBLIC POLICY. The Program in Engineering and Public Policy at Carnegie-Mellon University offers an interdisciplinary research-oriented Ph.D. for persons with an undergraduate degree in engineering or the mathematical or physical sciences. Persons with more advanced training or experience are especially welcome. Some financial support is available. Contact **Engineering and Public Policy, Graduate Program, Carnegie-Mellon University, Pittsburgh, Pa. 15213.**

EYE RESEARCH INSTITUTE OF RETINA FOUNDATION is accepting applications for its POSTDOCTORAL RESEARCH PROGRAM in the Department of Retina Research

The program focuses on experimental approaches to problems of the eye and the visual nervous system. Recent Ph.D.'s and M.D.'s who have backgrounds in biochemistry, biomedical engineering, biophysics, chemistry, electron microscopy, histology, histopathology, immunopathology, electrophysiology, optics, pharmacology, surgery, or visual psychology are invited to apply. A brief pamphlet describing the program can be obtained by writing to:

**Director, Postdoctoral Research Program
Department of Retina Research
Eye Research Institute of Retina Foundation
20 Stanford Street
Boston, Massachusetts 02114**

FELLOWSHIPS

DOCTOR OF ARTS IN BIOLOGY: Predoctoral fellowships are available for qualified persons interested in studying for the D.A. degree in biology. Applicants must hold a master's degree in some area of biology. The D.A. program requires an interest in and a dedication to college level teaching and stresses flexibility based upon the individual's experience and need. The deadline for receipt of applications is 15 February 1977. For more information contact: **Chairman, D.A. Committee, Department of Biology, Idaho State University, Pocatello, Idaho 83209.** *An Equal Opportunity Employer.*

UNIVERSITY OF CAPE TOWN POSTDOCTORAL MEDICAL RESEARCH FELLOWSHIP

The University of Cape Town invites applications for the Merrin Postdoctoral Medical Research Fellowship, with a value of R15,600. The grant will be increased, if a fellowship is awarded to an overseas applicant, by the cost of one economy class return airfare from the place of normal domicile to Cape Town and back (£1 = R1,45 approximately).

Intending applicants must be in possession of an approved doctor's degree (or equivalent) and they must be willing to remain at the University for a period of 1 year to undertake research, starting as soon as possible in 1977.

Applications must be made in writing setting out fully the details of the work to be performed in medical or related fields of science, together with a curriculum vitae, a list of research publications and the names of two referees to whom the University may refer. *The policy of the University is not to discriminate in the appointment of staff or the selection of students on the ground of sex, religion, race, colour, or national origin.*

The closing date for applications is 4 March 1977, and should be sent to **The Registrar, University of Cape Town, Private Bag, Rondebosch, 7700, Cape Town, South Africa.**

Late applications will not be considered.

POSTDOCTORAL FELLOWSHIPS IN HUMAN AND MEDICAL GENETICS

Training available in clinical biochemical, immunological, and population genetics. Candidates must have M.D., Ph.D., D.V.M. or comparable degree and be U.S. citizens or permanent residents. Fellowships will begin 1 July 1977. The stipend is \$10,000 to \$13,200, depending upon previous postdoctoral experience.

Send curriculum vitae and the names of three references to: **Dr. Arthur G. Steinberg, Case Western Reserve University, Cleveland, Ohio 44106.**

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIPS EPIDEMIOLOGY

Three fellowships, starting 1 July 1977, provide training and research opportunities in the epidemiology of reproductive failure, congenital malformations, and disorders of child development. Doctoral degree should be in medicine, veterinary science, epidemiology, biostatistics, genetics, or other relevant biological science. Please send résumé, names of three references, and statement of research interests to **Dr. Zena Stein, Division of Epidemiology, Columbia University School of Public Health, 600 West 168 Street, New York, N.Y. 10032.**

POLYMER SCIENCE AND ENGINEERING UNIVERSITY OF MASSACHUSETTS AT AMHERST

Research fellowships will be awarded in 1977-78 for studies toward a Ph.D. degree in the Polymer Science and Engineering Department.

Each fellowship will pay up to \$4800 per year. The stipends are income tax-free and include a tuition waiver.

Research and course programs are available in polymer synthesis, characterization, morphology, rheology, physics, and engineering.

Applications by qualified students with a first degree in chemistry, physics, materials science or engineering should be made to: **Professor Richard Farris, Polymer Science and Engineering, University of Massachusetts, Amherst, Massachusetts 01003.**

An Equal Opportunity/Affirmative Action Employer.

FELLOWSHIP IN CLINICAL INVESTIGATION. A 1-year fellowship experience in clinical investigative studies is available at the Clinical Research Center of Montefiore Hospital and Medical Center. The major foci of current studies are endocrine regulatory factors in cancer and coronary heart disease, neuroendocrinology, psychiatric disease, and experimental cancer chemotherapy. The fellow will participate in planning, conducting, monitoring and analyzing all studies that are carried out and will be encouraged to initiate studies of his or her own. He or she will also be responsible for the clinical care of study patients at the Clinical Research Center. The position is available immediately. Contact: **Barnett Zumoff, M.D., Director, Clinical Research Center, Montefiore Hospital and Medical Center, Bronx, N.Y. 10467. Telephone: 212-920-4941.**

A POSTDOCTORAL FELLOWSHIP IN REPRODUCTIVE BIOLOGY

Is available. Applicants should be interested in the physiology and biochemistry of mammalian embryos during the preimplantation period. Studies are on the biochemistry of embryo development as well as on micromanipulation of the embryo and embryo cells that alters differentiation. Apply with curriculum vitae to: **R. L. Brinster, Laboratory of Reproductive Physiology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pennsylvania 19174.**

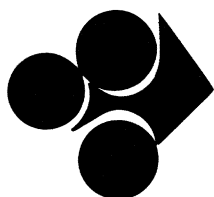
POSTDOCTORAL FELLOWSHIPS available in the Laboratory of Human Reproduction and Reproductive Biology, Harvard Medical School, Boston, Mass. 02115. The fellowships are available for 1 or 2 years. The Laboratory provides research opportunities in the anatomical, physiological, endocrinological, and biochemical approaches to ovarian function, testicular function, fertilization, the preimplantation mammalian embryo, and neuroendocrine system. For further information, please write to: **Dr. Kenneth J. Ryan, Director, Laboratory of Human Reproduction and Reproductive Biology, Harvard Medical School, 45 Shattuck Street, Boston, Mass. 02115.** *Harvard University is an Equal Opportunity Employer.*

MARKET PLACE

FOR SALE ZEISS EM 9-S2

ZEISS EM 9S electron microscope, 7 years old, updated to 9-S2 12/70, maintained under service contract; \$18,000, F.O.B., complete. Inquiries to **M. Hogan, Department of Neurobiology, Harvard Medical School, Boston, Mass. 02115. Telephone: 617-732-1748.**

Announcing the AAAS



Mass Media Intern Program

AAAS announces the continuation of its unique, 10-week intern program to support advanced students in the natural and social sciences as reporters, researchers, and production assistants in the mass media.

In 1977, up to 18 students will become summer interns at radio and television stations, newspapers and magazines throughout the United States. These interns will have the opportunity to participate in the process by which events and ideas become news, to increase their understanding of editorial decision-making and information dissemination, and to prepare themselves as interpreters of science to the public, no matter what their final career choices may be.

To obtain a description of the program and application procedures, write to:

Coordinator
Mass Media Intern Program
AAAS, 8th Floor
1776 Massachusetts Ave., N.W.
Washington, D.C. 20036

**The deadline for receipt of application is
1 February 1977**

PHYSICIANS (MULTIPLE OPENINGS)—Food and Drug Administration/Bureau of Drugs. (Equal Opportunity Employer.) Immediate career Civil Service openings for physicians to evaluate clinical data of new drugs. Physicians function as leaders of multidiscipline teams reviewing New Drug Applications (NDAs) and Notices of Claimed Investigational Exemption for New Drugs (INDs). They participate in formulating policy and developing standards and guidelines for the study of new drugs. Positions are available in most specialties with most immediate needs in fields of Cardiology, Gastroenterology, Rheumatology, Anesthesiology, Pulmonary-Allergy, OB/GYN, and Infectious Diseases. The positions require judgment, ability to plan and organize work, effectiveness in writing, speaking, and interpersonal skills. Security, good salary (\$33,126 to \$37,800 per year), comprehensive fringe benefits, ongoing contacts with professional colleagues and provision for maintaining clinical expertise. Positions are available in the U.S. Civil Service system or the Commissioned Corps of the Public Health Service. Candidates must be U.S. citizens, graduates of U.S. or Canadian Medical Schools with a degree of Doctor of Medicine or Doctor of Osteopathy from a school approved by the Bureau of Professional Education Committee on Colleges of the American Osteopathic Association. A full, unrestricted, and permanent license to practice in a State, District of Columbia, Puerto Rico, or a territory of the U.S. is desirable. Graduates from foreign medical schools, or medical schools not listed as approved by the American Medical Association, may show comparability in medical education with approved schools in one of the following ways:

1. Permanent and full or unrestricted license to practice medicine in a State, the District of Columbia, Puerto Rico, or a territory of the U.S., or
2. At least one year as an active duty commissioned medical officer in the U.S. Armed Services or Public Health Service, or
3. Certification in a specialty by an American Specialty Board, or
4. Permanent certification by the Education Council for Foreign Medical Graduates in its American Medical Qualifying Examination or eligibility in the full examination of the National Board of Medical Examiners.

Send resume to:

FDA Personnel (Mr. Stephen Tobias)
Room 4B-44
5600 Fishers Lane
Rockville, Maryland 20852

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

Invites nominations for the position of

DEAN OF SCIENCE

A Faculty of more than 200 full-time academic staff in the following departments: Biochemistry, Biology, Chemistry, Geology, Mathematics, Statistics and Computer Science, Physics, and Psychology. Over 2,000 undergraduate students. All departments offer M.Sc. and Ph.D. programs.

Specialized facilities include:

- the International Reference Centre for Avian Haematozoa
- the Research Unit on Vector Pathology
- the Oxen Pond Botanic Park
- the Water Analysis facility

The faculty also has access to the Marine Science Research Laboratory.

Nominations will be received, in confidence, up to and including 31 March 1977. They should be addressed to:

Dr. L. Harris
Chairman, Search Committee
Memorial University of Newfoundland
St. John's Newfoundland
Canada.
AIC 5S7



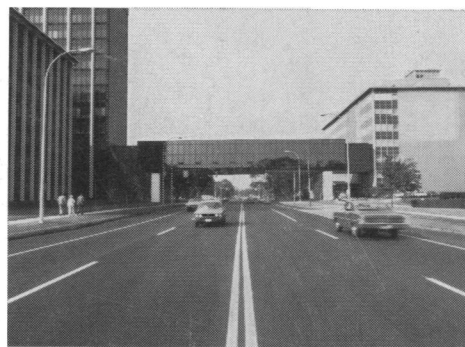
What a job co-ordinating the people who have lunch on this bridge!



It's a big dining room connecting two wings of the Kodak Research Laboratories.

For some of the troops who dine here, the objective in coming to work each day is ever-closer approximation by dyes to the perceptions of color induced in the human brain by the real world.

For others, the chemical and physical problems that occupy the workday tend to make them equate photographic progress with photographic speed. Photography began with long minutes of exposure in bright sunshine, and it's now up to and beyond the point where something too dark even to see can be photographed without prolonged exposure.*



Other diners up there are a practical bunch. Practicality means processability, as they see it. Certainly when we ease the processor's problems, we give you a better chance for a happy result at an affordable price.

The image structure people eat there too. They are in the business of compressing external reality with maximum detail into minimum space. One viewpoint holds that there photography stands invincible.

The quality that quickly distinguishes antique snapshots and movies with their very black shadows and washed-out faces from today's photography is called latitude. The people who work on that seem to have accomplished a lot, but film still has nowhere near the eye's latitude.

When it's time to amble back to work from the bridge, work for a goodly number concerns stability against fading of colors. Improvements in that field over the years are obvious. Still further improvement has probably been achieved, but how can the achievers prove their achievement before they themselves have aged? There is no real substitute for real time.

It is necessary to keep all those special interests (and others too technical to mention) from conflicting with each other too badly.

Whether used for personal satisfaction or for serious business, film is complicated stuff on which to have to stake a good name. There is more to it than, for instance, the stuff you feed into a typewriter. And we don't even dare stop improving it.

*"Prolonged" is a flexible word. For more specific working details on our fastest currently marketed color film, ask Dept. 55S, Kodak, Rochester, N.Y. 14650 for Kodak Publication E-37, "KODAK EKTACHROME Professional Films (Process E-6)."