

AAAS NEWS

(Continued from page 51)

AFAS officers present at the luncheon included president E. Wolff, general secretary J. Verne, deputy treasurer A. Tétry, council member E. Giboin, president-elect R. Taton, and secretary-elect J. L. Parrot.

The Martons were particularly enthusiastic about the Marseille meeting, calling it a "remarkable program" on the theme of "Expansion and the Quality of Life." They gave the following account of the proceedings:

The first two days of the meeting were devoted to invited papers on the general theme. President Wolff's lecture covered a review of the outstanding work carried out by himself and his collaborators in embryology. This was followed by eight lectures on different manifestations of present-day aspects of the possible conflicts between the expansion of populations, . . . material needs, . . . spiritual and intellectual needs, and their influence on the environment. The lectures were notable not only because of their contents and subjects, but by their excellence in presentation. The remaining days saw the presentation of close to 200 contributed papers.

The AFAS, established in 1872, currently has a membership of some 2000 individuals. The next annual meeting is scheduled for June or July 1977 in Rennes. AAAS members planning to visit France at that time are urged to contact the AAAS Office of International Science at the above address.

New Publications

Science and Social Issues: Stimulating Discussion and Involvement, by Richard A. Scribner and Frances Zorn. Available free of charge from the AAAS Office of Special Programs, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, the 50-page illustrated report describes and analyzes an experiment in social issue communication and involvement undertaken during the 1975 AAAS Annual Meeting in New York. The purposes of this experiment were to enhance discussion among the attendees about important social issues, to provide data on the value of the methods used, and to test the suitability of the AAAS meeting setting as a focal point for activities which would lead to regional resource banks of scientists and engineers. A feedback ballot and an electronic dialogue system were the techniques used to gather the information. The ballot consisted of questions about science and society and probed the respondents' interest levels and their preferred modes of involvement.

1 OCTOBER 1976

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): \$130 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, 3-½ 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, Endocrinologist, and Reproductive Physiologist. Ph.D. 1969. Three years of postdoctoral training in female reproduction and 4 years of teaching experience in histology, gross anatomy, cell physiology, and endocrinology. Thirty publications. Seeking senior teaching and/or research position. Box 355, SCIENCE. X

Anatomist. Ph.D. Gross and developmental anatomy and histology. Seven years of teaching experience. Research in ultrastructure of reproduction and development. Seeks academic position. Box 439, SCIENCE. 10/1, 8

Animal Nutritionist/Physiologist. D.V.M., Ph.D. Nine years of research experience, including use of radioisotopes in metabolism, mineral metabolism, neurohormonal studies, pollution study, bacterial and viral work, tissue culture, and so forth. Publications. Seeks research/teaching position. Box 440, SCIENCE. X

Ph.D. Biochemist, Pharmacologist, wide-ranging research background. Expertise in biological membrane, metabolism, enzymology, chemical carcinogenesis, and antimetabolites. Years of industrial experience. Publications. Seeks senior research position in academia-industry-government. Box 441, SCIENCE. X

Biochemist-Chemist. Ph.D. 1966. Broad biochemical research and teaching experience. Publications. Lipid biochemistry, neurochemistry, membranes, proteins, enzymes. Research in diabetes and metabolism. Natural product chemistry. Strong background in analytical methods and radioisotopes. On medical school faculty for last 6 years. Seeks challenging research/teaching position. Box 442, SCIENCE. X

Biomedical Engineer. M.Sc., Ph.D. (England). Extensive experience in effects of ionizing radiation on skin. SEM. Instrumentation. Mechanical properties of bone, cartilage, and gait analysis. Many publications. Seeks research and/or teaching position in United States or Canada. Dr. Ranu, 44 Gresham Road, Osterly, Middlesex, England. X

Laboratory Technician: experienced in supervision of a wide range of analytical instrumentation. Seeking position in Southwest. Box 445, SCIENCE. X

POSITIONS WANTED

For Lease/Sale: Programmable human computer, encased in a rather poor foreign frame but otherwise excellent condition; will throw in licenses (Ph.D., M.Sc., and so forth), preprograms in virology/microbiology/plant pathology, several printouts and testimonials from previous satisfied users/owners. Box 443, SCIENCE. X

Ph.D. Industrial Microbiologist can make contribution to many facets of health, pharmaceutical, agriculture, and food industries. Vaccine production, R & D, federal regulations, quality control. Need opportunity. Box 444, SCIENCE. X

Organic Biochemist. Ph.D. 1966. Enzyme kinetics and reaction mechanisms. Isolation, purification, and amino acid sequence determination of peptides and proteins. Organic syntheses and structural determination of various anticarcinogenic compounds and radioactive enzyme inhibitors. Isolation and purification of cellular components. Familiar with UV, IR, NMR, ORD, CD, MS, various chromatography (paper, TL, liquid, gas, ion exchange), electrophoreses, and immunochemical techniques. Box 446, SCIENCE. 10/1, 8

Physiologist-Histologist: M.S., 1974; experience: 3 years in hospital laboratory, 2 years as research assistant, clinical neuropharmacology; microscopy techniques, neurohistochemical and cytochemical techniques, microdensitometry ACTH bioassay, RIA, clinical laboratory techniques. Industry, research institute, or hospital position preferred. Box 447, SCIENCE. X

Reproductive Physiologist. Ph.D. 1972, academic and industrial experience. Desires teaching position (nonpostdoctoral) in physiology (reproductive or general) or endocrinology. Publications. Box 448, SCIENCE. 10/1, 8

Toxicologist. M.S. in physiology. Four years in pharmaceutical industry. Experienced in all phases of toxicological research. Desires industrial position in toxicology or clinical research. Box 449, SCIENCE. X

POSITIONS OPEN

ASSISTANT CURATOR INVERTEBRATE PALEONTOLOGY

The Department of Fossil and Living Invertebrates invites applications for an assistant curator of invertebrate paleontology. The prime requisite is a strong research orientation in paleobiology, including a demonstrated interest in the systematics of a particular group of metazoans with a rich fossil record and the capacity to apply the results of systematic investigations to problems in phylogenetic reconstruction, evolutionary theory, functional morphology, or theoretical paleoecology. It is further expected that the applicant be active and competent in field investigations and in collecting original materials for research purposes. Other duties include full participation in the department's curatorial program, as well as participation in other normal duties (including the exhibition program) of the curatorial staff of the American Museum of Natural History.

The position will be filled on 1 July 1977. The successful candidate must have the Ph.D. in hand by time of appointment. Applications should include (i) a brief statement of research interests, (ii) curriculum vitae, (iii) complete bibliography, and (iv) three letters of recommendation from persons familiar with the applicant's qualifications. Applications must be submitted by 1 January 1977 to Dr. Niles Eldredge, Chairman, Search Committee, Department of Fossil and Living Invertebrates, American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024.

An Equal Opportunity Employer, M/F

ASSISTANT PROFESSOR, BIOLOGY: Coordinator for elementary biology laboratory courses. Develop lab manual, audio-tutorial materials, and software for computer (or other programmed) instruction for 1500 students per semester in 40 lab sections; prepare innovative science education proposals for federal and foundation funding. \$13,000 per academic year, plus 20 percent summer. Start February or August 1977. Send résumé to: A. Eisenstark, Director, Division of Biological Sciences, Tucker Hall, University of Missouri, Columbia, Missouri 65201. An Equal Opportunity Institution.

POSITIONS OPEN

ASSISTANT PROFESSORSHIPS IN CELLULAR IMMUNOLOGY, ANIMAL VIROLOGY, PLANT BIOLOGY, AQUATIC BIOLOGY, AND DEVELOPMENTAL BIOLOGY

A rapidly growing, well-equipped modern department of biological sciences located in the hills outside Baltimore is seeking scientists with post-doctoral research experience who have demonstrated their ability to initiate vigorous research programs and have a commitment to quality graduate and undergraduate teaching. Appointments are contingent upon availability of state funds. Submit curriculum vitae, bibliography, names of suggested referees, and a description of research interests to: **Dr. Thomas F. Roth, Chairman, Search Committee, Department of Biological Sciences, University of Maryland Baltimore County, Catonsville, Maryland 21228.** An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF BIOLOGY. Position available 1 January 1977 for individual with academic training (Ph.D.) in developmental biology and/or cell physiology. Both teaching and research experience preferred. Salary will depend upon experience. Send résumé to **Dr. James McLaughlin, Chairman, Department of Biology, College of St. Scholastica, Duluth, Minnesota 55811,** prior to 15 November 1976. An Equal Opportunity/Affirmative Action Employer.

University of California, Santa Barbara. **ASSOCIATE OR FULL PROFESSOR** to chair an Environmental Studies Program with the possibility for a joint appointment with a department in his/her main area of research. We are seeking a person with a distinguished research and teaching record in the natural or social sciences or the humanities whose interests focus on environmental interests. Experience in resource conservation and public policy is desirable. Starting date is September 1977. Submit current curriculum vitae immediately and no later than 1 November 1976 to **A. H. Schuyler, Chairman, Environmental Studies Search Committee, Environmental Studies, University of California, Santa Barbara, California 93106.** An Equal Opportunity/Affirmative Action Employer.

BIOCHEMISTRY FACULTY. Two positions available 1 July 1977 for candidates with research aimed at the molecular basis of phenomena related to nucleic acids or membranes and cell surfaces. Appointments may be at any level including professor. Departmental instructional programs serve medical students, graduate students, and undergraduates. Send curriculum vitae and names of three references to **R. L. Lester, Department of Biochemistry, College of Medicine, University of Kentucky, Lexington, Kentucky 40506.** (Closing date: 1 November 1976.) An Affirmative Action/Equal Opportunity Employer.

Biochemical Pharmacologist

Applications are invited for a research assistant's position in our CNS research unit. Candidate should have B.S. or M.S. in biochemistry with laboratory experience in gas chromatography and mass spectrometry. Training in CNS pharmacology as well as experience in procedures used in small laboratory animals would be beneficial. Additional training in computer science helpful.

Kalamazoo is a medium-size midwestern city offering educational and recreational resources near the research facilities.

Submit résumé, including salary requirements and availability, to:

**R. D. Ubrg
Employment Representative
The Upjohn Company
Kalamazoo, Michigan 49001
An Equal Opportunity Employer, M/F**

POSITIONS OPEN

ASSISTANT PROFESSOR OF WILDLIFE MANAGEMENT. A Ph.D. in wildlife management or a closely related field with training and experience in ecology and management of big game mammals and habitats is needed to conduct research and supervise graduate students, to advise graduate and undergraduate students, and to teach graduate big game or habitat management and undergraduate biology courses.

Send résumé, transcripts, and names of three references to **Dr. R. L. Eng, Chairman, Wildlife Search Committee, Biology Department, Montana State University, Bozeman, Montana 59715.** Open until 31 December 1976 or until filled.

Montana State University is an Equal Opportunity/Affirmative Action Employer.

DEPARTMENT OF RADIOLOGICAL SCIENCES UNIVERSITY OF CALIFORNIA COLLEGE OF MEDICINE, IRVINE

The Department of Radiological Sciences invites applications for the position of **ASSISTANT PROFESSOR** in the **DIVISION OF NUCLEAR MEDICINE** at the University of California, Irvine, Medical Center.

Applicants should be Board-certified and thoroughly trained, preferably in a University Center, in the use of radionuclides, and must have demonstrated evidence of clinical expertise. A large proportion of time in this position will be devoted to research—applicants must therefore have had prior training (preferably in the form of a full-time research fellowship) in the fundamentals of research methodology and experimental design. To ensure that the successful candidate will be able to work closely with the medical imaging team, preference will be given to applicants with training in diagnostic radiology.

Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.

If you are interested in this position, please write to the address below including a curriculum vitae, an autobiographical letter, and copies of any publications.

Closing date: 30 November 1976.

**Eric N. C. Milne, M.D., F.R.C.R.
Professor and Chairman
Department of Radiological Sciences
College of Medicine
University of California, Irvine
Irvine, California 92717**

DEPARTMENT OF RADIOLOGICAL SCIENCES UNIVERSITY OF CALIFORNIA COLLEGE OF MEDICINE, IRVINE

The Department of Radiological Sciences invites applications for the position of **CHIEF OF NUCLEAR MEDICINE** at the University of California, Irvine, Medical Center. This appointment will be at associate professor or full professorial level.

Applicants must have considerable expertise in clinical nuclear medicine, extensive experience in the formulation and implementation of original research protocols, and must be thoroughly experienced in teaching at both graduate and undergraduate levels. Resident positions in nuclear medicine are presently available—the new chief will have the opportunity of designing and directing the residency training program in nuclear medicine and will also be expected to supervise and direct one or more graduate students in the Radiological Sciences Graduate Program.

A new Department of Radiological Sciences is in the planning stage and the successful candidate will have the opportunity of designing and selecting equipment for his own division. A new Medical Sciences building is also presently under construction and there are outstanding opportunities for research both at the Medical Center and at the Radiological Sciences Medical Imaging Center on campus.

Applications from all qualified candidates are welcome; minorities and women are encouraged to apply. If you are interested in this position please write to the address below including a curriculum vitae and an autobiographical letter.

Closing date: 30 November 1976.

**Eric N. C. Milne, M.D., F.R.C.R.
Professor and Chairman
Department of Radiological Sciences
College of Medicine
University of California, Irvine
Irvine, California 92717**

POSITIONS OPEN

The Department of Chemistry at Purdue University seeks candidates for appointment to a **SENIOR POSITION IN BIOCHEMISTRY** to become effective 1 July 1977. Candidates should presently hold tenure rank (or equivalent) in Ph.D.-granting institutions. They should have broad experience in teaching at the undergraduate and graduate level and in directing research of graduate students and postdoctorals. They should enjoy major international reputation for their research accomplishments. Their research interests should lie in the broad field of application of chemical techniques to the study of structure function and evolution of biomolecular assemblies. Salary open. A complete résumé and the names of three references should be sent to **Professor Robert A. Benkeser, Head, Department of Chemistry, Purdue University, West Lafayette, Indiana 47907.** *Purdue University is an Equal Opportunity/Equal Access Institution.*

BIOLOGIST—Assistant or associate professor in biology. One or, contingent on funding, two positions available. Candidates will be expected to teach undergraduate courses in one of the two following fields, participate in introductory courses, and be able to develop and maintain an active research program; **POPULATION BIOLOGY**: to teach alternately population genetics—evolution and a course in plant science; **ECOLOGY**: to teach alternately ecology and a specialty course, preferably in aquatic ecology, limnology, or resource management. Position available January or September 1977. Post-doctoral research and teaching experience desirable. Applicants must submit curriculum vitae, three letters of recommendation, and transcripts to: **Faculty Search Secretary, College of Arts, Sciences and Letters, The University of Michigan—Dearborn, Dearborn, Michigan 48128.** A Nondiscriminatory, Affirmative Action Employer.

CHAIRMAN DEPARTMENT OF ANESTHESIOLOGY

Applications are invited for the position of chairman of the Department of Anesthesiology, The Pennsylvania State University College of Medicine in Hershey, Pennsylvania. The candidate must have expertise and demonstrated leadership in the field of anesthesiology and certification for assuming the clinical responsibilities of chief anesthesiologist in the University Hospital. It is also required that the candidate have demonstrated administrative competence and the ability to further develop a well-established department.

Correspondence with curriculum vitae should be submitted by 1 December 1976 to:

**Dr. Fred Rapp
Associate Provost and Dean for Health Affairs
Chairman, Anesthesiology Search Committee
The Pennsylvania State University
Hershey, Pennsylvania 17033**

The Pennsylvania State University is an Equal Opportunity/Affirmative Action Employer.

DEAN OF FACULTY

Pitzer College, a member of the Claremont Colleges, is a small liberal arts college emphasizing the social and behavioral sciences. Applicants should be persons of academic stature with successful teaching experience, research accomplishments, and administrative skills and should be capable of providing academic leadership. Position available: 1 July 1977. Applications, including current résumés, will be received through 1 November 1976 and should be sent to: **Lucian C. Marquis, Chairman, Dean's Search Committee, Pitzer College, Claremont, Calif. 91711.** An Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF MICHIGAN DIRECTOR OF SURGERY

Full-time academic position as director of surgery at Wayne County General Hospital. Affiliated with University of Michigan Medical School. Responsible for several University of Michigan medical student and residency programs. Level of appointment to academic faculty dependent upon qualifications and experience. Total commitment required. Board-certified in general surgery and desired in thoracic. Competitive salary available. Code #1100BO. Send résumé to **Box 437, SCIENCE.** A Nondiscriminatory, Affirmative Action Employer.

POSITIONS OPEN

CHAIRPERSON OF MICROBIOLOGY

Applications and nominations are invited for the position of chairperson, Department of Microbiology, New Jersey Medical School. The Department is a basic science department with responsibility for teaching medical, dental, and graduate students as well as conducting vigorous research programs in microbiology. Candidates will be evaluated on the basis of their scientific stature, proven teaching ability, and administrative competence. Curriculum vitae and letters of references should be mailed to **Dr. F. P. Chinard, Chairperson, Microbiology Search Committee, c/o Office of the Dean:**

**COLLEGE OF MEDICINE & DENTISTRY
OF NEW JERSEY**
New Jersey Medical School
100 Bergen Street
Newark, N.J. 07103

An Equal Opportunity/Affirmative Action Employer

UNIVERSITY OF MICHIGAN DIRECTOR OF NEUROSURGERY

Neurosurgeon for full-time academic position at Wayne County General Hospital, Eloise, Michigan. Active teaching program affiliated with the University of Michigan Medical Center. Appointment to academic faculty of University of Michigan depending upon qualifications and experience. Board-eligibility required. Salary negotiable. Code #500BO. Send résumé to **Box 438, SCIENCE, A Nondiscriminatory, Affirmative Action Employer.**

ENVIRONMENTAL SCIENTISTS

The Oak Ridge National Laboratory has openings in the field of energy research and development related to environmental assessment, microcosms research, waste disposal, and analysis of environmental pathways of pollutant transport. Individuals with advanced degrees (Ph.D. or equivalent experience) in aquatic ecology, environmental chemistry, geology, geohydrology, terrestrial ecology, microbial ecology, environmental systems analysis, and related fields are invited to reply. The Oak Ridge National Laboratory is conducting advanced studies and assessments in all phases of energy technology including coal conversion, geothermal, and solar.



Résumés and letters referring to this notice should be sent to **Dr. J. J. Pinajian, Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, Tennessee 37830. The Oak Ridge National Laboratory, operated by Union Carbide Corporation—Nuclear Division, is an Equal Opportunity/Affirmative Action Employer.**

IMMUNOLOGIST. The School of Medicine, Southern Illinois University at Carbondale, is recruiting for an immunologist with a background and interest in cellular or viral immunology. Rank is dependent on qualifications and experience. Candidates must hold the Ph.D. degree or its equivalent and have had significant postdoctoral experience. Responsibilities will include teaching medical students and participating in the instructional program of the Department of Microbiology in the College of Science.

Submit curriculum vitae and three letters of recommendation to:

Dr. Robert P. Lehr, Jr.
Assistant Dean for Faculty
Box 1, School of Medicine
Southern Illinois University
Carbondale, Illinois 62901

An Equal Opportunity/Affirmative Action Employer

POSITIONS OPEN

THE LIBRARY OF CONGRESS

The Library of Congress invites applications for the position of **CHIEF, General Reference and Bibliography Division** in the Department of Reader Services. The incumbent is responsible to the Department Director for the inventive leadership and supervision of a program to provide a broad range of substantive reference and bibliographic services in all subjects not covered by specialized divisions of the Library. The incumbent serves as an authority and representative for the Library on interagency, national, and international bodies concerned with reference, bibliographic, and documentation activities.

The position requires a scholarly background related to one or more subjects within the Division's scope sufficient to merit recognition as an authority in the field; a high degree of administrative ability; and the ability to assess the needs of the Library and its scholarly users.

A graduate degree in library science and 6 years of progressively responsible experience is required. (An adequate amount of additional experience or training, as appropriate, may be considered in lieu of qualifications specified.) Sensitive position requiring an appropriate clearance.

Salary range: \$36,338 to \$37,800.

Please submit Personal Qualifications Statement, Standard Form 171, to:

Recruitment and Placement Office
Attn: #2030 (BC/SCI)
The Library of Congress
10 First Street, SE
Washington, D.C. 20540

An Equal Opportunity/Affirmative Action Employer

FACULTY POSITIONS: Junior and senior faculty positions open for spring and fall 1977 to teach graduate courses and do research in systems programming, computer architecture, structured programming, stochastic processes, optimization methods, microprocessors, and related areas. Ph.D. required. Contact **John Colligan, Acting Dean, School of Advanced Technology, State University of New York, Binghamton, New York 13901. An Equal Opportunity/Affirmative Action Employer.**

HEAD, DEPARTMENT OF BOTANY, School of Agriculture and Life Sciences, North Carolina State University. Responsible for administration of a large undergraduate and graduate teaching program, plus a diversified research program. Send curriculum vitae and names of three references to:

Dr. Robert Aycock, Chairman
Nomination Committee
2518 Gardner Hall
North Carolina State University
Raleigh, North Carolina 27607

An Equal Opportunity/Affirmative Action Employer

HEAD

Department of Genetics and Cell Biology, College of Biological Sciences, University of Minnesota

Established scientist with proven research record sought to be department head, while maintaining an active research program. The department has 26 faculty members with broadly based research interests and has responsibility for administering strong graduate and undergraduate programs in genetics and cell biology. The department is located primarily in a new and well-equipped bioscience center and has adequate space and resources for expansion. Screening of applications will begin 1 October 1976, although applications will continue to be accepted after that date. Candidates should submit a curriculum vitae, list of publications, and the names of at least three references to: **Professor Huber Warner, College of Biological Sciences, 123 Snyder Hall, University of Minnesota, St. Paul, Minn. 55108. The University of Minnesota is an Equal Opportunity Employer.**

POSITIONS OPEN

EXTENSION SPECIALIST IN WILDLIFE AND FISHERIES. Development of an extension program on the management and ecology of wildlife and fish resources of Minnesota. Emphasis on forested recreational lands and wetlands, but involves urban wildlife, vertebrate pest management, and aquatic resource problems. Ph.D. in wildlife with interests in fisheries and demonstrated interest or experience in extension programs. Assistant professor level. Send curriculum vitae, transcripts, and three letters of recommendation to: **Dr. Milton W. Weller, Head, Department of Entomology, Fisheries, and Wildlife, 219 Hodson Hall, University of Minnesota, St. Paul, Minn. 55108, by 1 December 1976. Equal Opportunity Employer.**

MEDICAL TECHNOLOGIST—Our new 400-bed University teaching hospital has an immediate opening for a medical technologist who has had experience in tissue culture and various other laboratory techniques. The opportunity exists for joint and independent research. Send résumé to **University of Massachusetts Medical Center, Employment Office, 55 Lake Avenue North, Worcester, Mass. 01605. An Equal Opportunity/Affirmative Action Employer.**

TWO FACULTY POSITIONS: PATHOGENIC MICROBIOLOGY AND VIROLOGY. Applicants are invited for these positions at the rank of Assistant Professor starting January 1977 or fall 1977. Closing date for applications: 7 November 1976. Preference will be given to candidates who have had teaching experience, postdoctoral training, and research accomplishments. Responsibilities include: teaching of pathogenic microbiology or immunology, virology, and freshman biology. The applicants will be expected to develop advanced courses in their specialty as well as to be active in research and direct graduate students. Please send a curriculum vitae and the names of three references to: **Dr. Manuel L. Ibanez, Chairman, Faculty Screening Committee, Department of Biological Sciences, University of New Orleans, New Orleans, Louisiana 70122 (a member of the Louisiana State University System). Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL POSITION available immediately to carry out research involving the chemical characterization and biological function of unique membrane phosphoglycosphingolipids in plants and fungi. An individual having a Ph.D. in biochemistry or chemistry is preferred. Contact **Robert L. Lester or Roger A. Laine, Department of Biochemistry, College of Medicine, University of Kentucky, Lexington, Kentucky 40506. An Equal Opportunity/Affirmative Action Employer.**

TWO POSTDOCTORAL POSITIONS IN PHARMACOLOGY

Two postdoctoral fellowships are open in the Department of Pharmacology at the Medical College of Virginia. One position is in the field of biochemical pharmacology and chemical carcinogenesis. The successful applicant will participate in ongoing research studying basic problems in the regulation of the hepatic mixed-function oxidase system. Preference will be given to individuals with experience in methods for protein purification and characterization, heme-protein chemistry, or drug metabolism. Curriculum vitae and bibliography should be sent to **Dr. Phillip Guzelian, Box 217 MCV Station, Richmond, Virginia 23298.**

Curriculum vitae and bibliography will also be welcome from applicants for a postdoctoral position in the central nervous system division. This ongoing research team is investigating the effects of drugs of abuse on the neurochemical systems of the brain. Candidates with experience in neurochemistry or pharmacology are encouraged to write to **Dr. William L. Dewey, Box 726 MCV Station, Richmond, Virginia 23298.**

An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITIONS (12). Available immediately. Center for the Study of Aging and Human Development at Duke University announces openings in Research Training Programs in the study of adult development and the study of aging. Opportunities for research training in most biomedical, behavioral, and social science fields. Salary \$10,000 to \$13,200 and research budget. Reply, with curriculum vitae, to **Dr. I. C. Siegler, Box 3003, Duke University Medical Center, Durham, North Carolina 27710. An Equal Opportunity Employer.**

POSITIONS OPEN

Medical Microbiologist

Norwich Pharmacal Company, one of the leading pharmaceutical manufacturers of ethical and proprietary drugs, has an interesting career opportunity available for a senior research microbiologist in our R & D Department.

We are seeking a Ph.D. in medical microbiology who has an interest in applied microbiology. The successful candidate will be involved with several areas of research including sterilization technology, chemical disinfection, and development of analytical methodology for microbiological evaluation of pharmaceuticals and related products.

Our laboratories are located in a small, yet complete, community in central New York State. We offer competitive salaries and liberal benefits including paid relocation, health insurance, and pension.

If interested, send résumé in confidence to: Jane Belansky, Personnel Representative



NORWICH PHARMACAL COMPANY
DIVISION MORTON-NORWICH PRODUCTS, INC.
Norwich, New York 13815
An Equal Opportunity Employer, M/F

POSITIONS OPEN

PHYSIOLOGIST

The University of California, Irvine, College of Medicine, Department of Physiology, is recruiting for an assistant or associate professor.

Candidates should have demonstrated excellence in research in biophysical aspects of physiology. Preferred areas of research will be complementary to the activities of the existing faculty, such as: excitation-contraction coupling, synaptic transmission, or membrane excitability. The successful candidate will have shown excellence and originality such that he/she can be expected to be a leader in the field of research. Duties include teaching cardiovascular physiology to medical students and conducting courses in biophysics and physiology for graduate students. Candidates should hold the doctorate and have postdoctoral research training.

Applications from qualified candidates are welcome; minorities and women are encouraged to apply. Send names of four references and curriculum vitae to: Dr. Peter F. Hall, Professor and Chairman, Department of Physiology, University of California, Irvine, California 92717, by 8 November 1976.

POSTDOCTORAL POSITION

Immediate opening for a Ph.D. biochemist to participate in a research program related to structure and function of bacterial cell walls. Training in the use of immunological techniques helpful. Salary range \$11,000 to \$15,000 dependent on experience. Send curriculum vitae and references to:

Dr. Othmar Gabriel
Department of Biochemistry
Schools of Medicine and Dentistry
Georgetown University
3900 Reservoir Road, NW
Washington, D.C. 20007

An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITION. Experience in steroid biosynthesis to study the effects of drugs. Salary up to \$13,000 per year. Position renewable. Immediate opening. Send curriculum vitae and list of three personal references to Dr. Balwant Ahluwalia, Associate Professor, Medicine and Obstetrics-Gynecology, Howard University Medical School, Washington, D.C. 20059.

POSTDOCTORAL RESEARCH POSITION, available immediately for Ph.D. in toxicology, biochemistry, or chemistry. GLC experience for pesticide residue determinations required. Investigations on environmental fate of pesticides, 1-year appointment, annually negotiated. Reply, with transcripts, curriculum vitae, and names of three references, to Dr. D. D. Walgenbach, Entomology-Zoology Department, South Dakota State University, Brookings, South Dakota 57006. An Equal Opportunity/Affirmative Action Employer.

RESEARCH AND TEACHING IN REPRODUCTIVE PHYSIOLOGY. Applications are invited for persons with a Ph.D. degree in physiology of reproduction with training in biochemistry. Responsibilities include teaching, advising students, and research. Position is approximately 40 percent teaching and 60 percent research. Apply with résumé to: Dr. S. A. Ewing, Head, Department of Animal Science, Iowa State University, Ames, Iowa 50011. Affirmative Action/Equal Opportunity Employer.

PROFESSOR OR ASSOCIATE PROFESSOR OF ANATOMY position available January or July 1977. Activities include lecturing and laboratory supervision in gross anatomy or histology-embryology, advising graduate students, and development of graduate courses in cell biology. Candidates should have a publication record in reproductive biology with present or past funded research support. Send curriculum vitae, bibliography, and names of three references to: Dr. Harold Brody, Department of Anatomical Sciences, 317 Farber Hall, State University of New York at Buffalo, Buffalo, N.Y. 14214.

An Affirmative Action/Equal Opportunity Employer

PROFESSOR AND HEAD DEPARTMENT OF MICROBIOLOGY

Responsibilities to be fulfilled: direct the education, research, and training programs of the Microbiology Department in the College of Medicine.

Qualifications desired: Ph.D. and/or M.D. degree, or equivalent, and a demonstrated scholar and leader in microbiology.

Salary: appropriate for qualifications and responsibilities for a professor and head of microbiology. Excellent fringe benefits.

Employer: the University of Iowa is an Equal Opportunity Employer.

Application: interested persons are invited to direct inquiries and submit curriculum vitae to:

Dr. Peter Isacson, Professor and Head
Department of Preventive Medicine
and Environmental Health
106 Medical Laboratories Building
College of Medicine
University of Iowa
Iowa City, Iowa 52242

RESEARCH SAFETY DIRECTOR, responsible for the supervision, planning, and administration of the research safety program at Boulder and for compliance with federal and state regulations. Must be able to deal with safety implications of physical, chemical, and biological research and instruct faculty and others in safety procedures. Graduate training and experience in radiation safety and in a biological field. May be eligible for attendant faculty rank. Salary open. Send curriculum vitae and names of three references to: Dr. Rose Litman, 380 Willard, University of Colorado, Boulder, Colorado 80309, by 15 November. Equal Opportunity/Affirmative Action Employer.

The Departments of Rehabilitation Medicine and Pharmacology at the College of Physicians and Surgeons of Columbia University wish to recruit a SCIENTIST who is an established investigator to develop a research program in areas of mutual interest. First preference will be given to those working in the general area of the microcirculation, although other fields such as muscle activity and temperature regulation also will be considered. The appointment would carry a joint appointment in both departments commensurate with training and experience and would involve teaching responsibilities for medical and graduate students. Participation in the design and implementation of clinical research projects in collaboration with physicians is desirable. Write to: John A. Downey, M.D., Chairman, Department of Rehabilitation Medicine, Columbia-Presbyterian Medical Center, 630 West 168 Street, New York, N.Y. 10032.

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POSITIONS OPEN

RESEARCH CHEMIST to pursue neurochemical correlates of behavior in clinical and preclinical studies. This is a term appointment of 4 years or less. The applicant must have demonstrated skills at the Ph.D. level in biochemistry, with special emphasis on enzymology, biogenic amines, and cyclic nucleotide work. Starting salary is \$16,255. Please send curriculum vitae with references to Dr. Burr Eichelman, Chief, Psychiatry Service, VA Hospital, 2500 Overlook Terrace, Madison, Wisconsin 53705.

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POSTDOCTORAL TRAINEESHIPS

Selected trainees participate in research on cardiovascular/respiratory/cellular and/or biochemical mechanisms in altered metabolic states with opportunity to work with faculty in biochemical, physiological, pharmacological, and bioengineering research in molecular, cellular, organismal, and/or intact animals. Supported in part by: National Service Award for Research Training. To apply for fellowships, send résumé and three letters of recommendation to: Dr. X. J. Musacchia, Director, John M. Dalton Research Center, University of Missouri, Columbia, Missouri 65201.

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POSTDOCTORAL FELLOWSHIP

Available 1 January 1977 for a Ph.D. in biochemistry or related area interested in studying the influence of cholesterol levels and the fluidity and phase state of membrane lipids on the function of membranous adenosine triphosphatases. Salary is \$11,200 the first year, \$12,300 the second year. Candidates must have received the Ph.D. degree no earlier than 1 January 1976. Send curriculum vitae and references to: Dr. R. N. McElhaney, Department of Biochemistry, University of Alberta, Edmonton, Alberta, Canada T6G 2H7.

POSTDOCTORAL RESEARCH TRAINING FELLOWSHIP IN SENSORY NEUROPHYSIOLOGY

Position available 1 March 1977 under an NIH-National Research Service Institutional Award providing multidisciplinary training in audition, vision, somesthesia, or the chemical senses. Initial appointment 1 year, renewable for two additional years. Candidates must be pursuing a career which includes, as an important component, research in sensory neurophysiology. Applicants should submit a letter outlining career plans, curriculum vitae, and two letters of reference to J. E. Hind, Chairman, Department of Neurophysiology, University of Wisconsin Medical School, Room 283 Medical Services Building, Madison, Wisconsin 53706. An Equal Opportunity/Affirmative Action Employer.

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Inquiries should be directed to:
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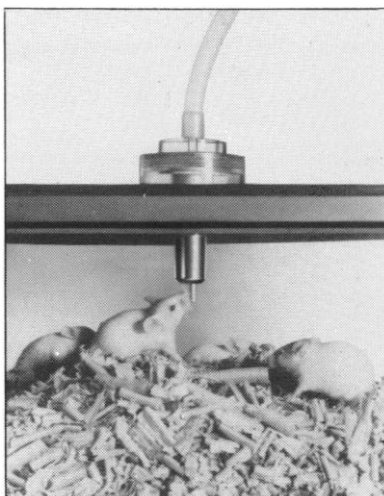
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Figures signify average film speed. Actual speed is given on enclosed package directions. That 200 figure is a new high for Kodak color films without "push processing." If you need fine grain and sharpness more than you need speed, use 64 or 50 film. Nevertheless, the long-run trend of constant improvement in speed:graininess ratio continues with all four of these. They represent advances in rendition of orange, yellow, red, and neutral subjects and in being designed for a quicker, more efficient process. Ask about Kodak processing service when buying the film. Before long, another group of films of the same new family will be available with "Professional" omitted from the name. The term warns that for proper color balance, storage before exposure and processing must be at 55°F (13°C) and not beyond the date stamped on the box. (For film stored at 0°F, time almost stands still.) People not in the business of taking pictures generally don't cool their film and often let quite a bit of time go by between the first shot and the processing. They will probably get better results by waiting for the new Ektachrome film not labeled "Professional."



*To see what a complex subject "better color" is, ask Dept. 55S, Kodak, Rochester, N.Y. 14650 for "Objectives in Colour Reproduction," by R. W. G. Hunt.