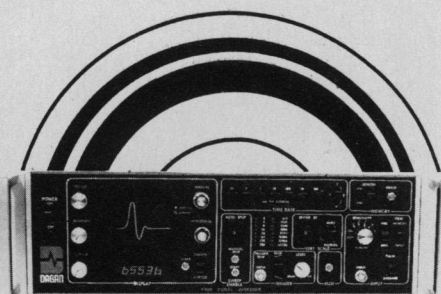


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SCIENCE, VOL. 196

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POSITIONS WANTED

Air Quality Engineer/Scientist. (Ph.D. 1975). Systems/policy analysis, dispersion modeling, health-effect assessment, impact evaluation. Regulatory experience. Good quantitative and integrative skills. Computer programming. Box 247, SCIENCE. X

Biochemist—Microbiologist. Ph.D. 1972; 4½ years of postdoctoral experience. Expertise in carbohydrate, glycoprotein chemistry; analytical biochemistry, separation techniques, enzymology, immunochimistry, some instrumentation. Cultivation of microorganisms and lower metazoans. Publications, references, professional societies. Academic, research, government, or industrial position. Available July 1977. Box 248, SCIENCE. X

Biochemist/Organic Chemist. Ph.D. 1967. Isolation, purification, and characterization of amino acids, peptides, and enzymes. Kinetics and reaction mechanisms of enzymes. Blood plasma enzymes and vasoactive peptides. Transport of amino acids in cell membrane. Syntheses and analyses of radioactive enzyme inhibitors and antineoplastic compounds. Familiar with paper, column, and thin-layer chromatography, electrophoreses, IR, UV, ORD, NMR, MS, and so forth. Box 249, SCIENCE. X

Biologist—Biochemist. Ph.D. 1975. Broad research background in nucleic and protein chemistry, isolation and characterization. Experience in cell culture, epidemiology of cancer. Seeks position addressing the effects of environmental problems. New York City area. Box 250, SCIENCE. X

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POSITIONS OPEN

Applications are invited for a position as **ASSISTANT PROFESSOR** from candidates with a Ph.D. in biochemistry and with postdoctoral experience. The requirements for the position are the promise of excellence in teaching and the ability to establish a scholarly research program on cellular membranes. Preference will be given to applicants with interest in the areas of: glycoproteins, lipids, or molecular aspects of cell surfaces. The position is available 1 September 1977. Applicants should submit a curriculum vitae, list of publications, and the names of three references to: **Dr. Creed W. Abell, Director, Division of Molecular Biology, Department of Human Biological Chemistry and Genetics, The University of Texas Medical Branch, Galveston, Texas 77550**, by 1 July 1977. *An Affirmative Action/Equal Opportunity Employer.*

ASSISTANT PROFESSOR DEPARTMENT OF ANATOMY

The University of Illinois, College of Medicine, invites applications and nominations for two assistant professorships in the Department of Anatomy of the School of Basic Medical Sciences.

Applicants should be able to carry out research programs and teach in histology and/or neurobiology and cell biology.

Send nominations and applications to: **Chairman, Search Committee, Room 124, 1853 West Polk Street, Chicago, Illinois.** Mailing address: **P.O. Box 6998, Chicago, Illinois 60680.**

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ASSISTANT PROFESSOR—ANATOMY

The University of Wisconsin, Anatomy Department, is seeking a qualified anatomist to fill a position in the group responsible for teaching gross human anatomy to medical students. Necessary qualifications for these positions include a positive long-term commitment to teaching gross human anatomy, a major involvement in research, and interest in training Ph.D. candidates. Interested and qualified persons are invited to correspond directly with **Professor David B. Slauterback, Chairman, Anatomy Department, 1255 Linden Drive, University of Wisconsin, Madison, Wisc. 53706.** *Women and minorities are encouraged to apply. An Equal Opportunity Employer, M/F.*

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POSITIONS OPEN

ASSISTANT PROFESSOR: BIOCHEMISTRY

A faculty position at the rank of assistant professor will be available 1 January 1978. The primary requirement is promise of excellence in teaching and research, but preference will be given to applicants with demonstrated competence in some aspect of neurochemistry.

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To teach courses in environmental biology, population ecology, and graduate colloquia; participate in graduate program; carry out other duties as assigned. Qualifications: Ph.D. with specialization in population, aquatic, or experimental ecology. Nine-month appointment starting September 1977. Send résumé to: **Dr. Milton Potash, Zoology Department, University of Vermont, Burlington, Vermont 05401.**

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CHAIRMAN DEPARTMENT OF PSYCHIATRY TEXAS TECH UNIVERSITY SCHOOL OF MEDICINE

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POSITIONS OPEN

ASSISTANT PROFESSOR, Ph.D., ZOOLOGY. Begin 17 August 1977. Half-time teaching in general biology, general zoology and half-time coordinating Biology Learning Center. Submit curriculum vitae, transcripts, reprints, and have three letters of recommendation sent to: **Dr. Portia U. Ashman, Department of Biology, Xavier University of Louisiana, New Orleans, Louisiana 70125.** An Equal Opportunity Employer.

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PHYSICAL OCEANOGRAPHER—A position is open in the academic research series within the Marine Life Research Group of the Scripps Institution of Oceanography. Applicant should have a background in both theoretical and descriptive oceanography and an interest in eastern boundary currents and in work at sea. The Ph.D. or equivalent is required, and several years of experience are preferred. Rank and salary are open. Send curriculum vitae to **J. L. Reid, Director, Marine Life Research Group, A-030, Scripps Institution of Oceanography, University of California at San Diego, La Jolla, California 92093.** The University of California at San Diego is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

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POSITIONS OPEN

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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, dermatology, pulmonary, neurology, 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.

Position open for a **CLINICAL MICROBIOLOGIST**, Northwestern Memorial Hospital and Northwestern University School of Medicine, Chicago, Illinois, M.D. with experience in directing laboratory of clinical microbiology with a strong academic orientation. Active research program obligatory. Strong background in anaerobic microbiology highly desirable. **Box 235, SCIENCE.**

Position open for **DIRECTOR OF CHEMICAL PATHOLOGY**, Northwestern Memorial Hospital and Northwestern University School of Medicine, Chicago, Illinois, M.D. with experience in directing academically oriented laboratory of chemical pathology. Ph.D. in biochemistry or equivalent experience and a research interest in lipoprotein metabolism highly desirable. Send curriculum vitae to **Box 236, SCIENCE.**

The Department of Neurology, University of Michigan, Ann Arbor, has academic positions for **CLINICAL NEUROLOGISTS** also trained in biochemistry, anatomy, pathology, or pharmacology. Positions are also available for clinical neurologists to develop a county hospital neurology department. Interested individuals are invited to submit a description of their research interests and a curriculum vitae to: **Sid Gilman, M.D., 630 West 168 Street, New York, N.Y. 10032.** The University of Michigan is a Nondiscriminatory, Affirmative Action Employer.

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SCIENCE AND PUBLIC POLICY REPORTER

The News and Comment section of *Science* has an immediate opening for an experienced reporter interested in covering science and public policy. Applicants must have at least 3 years of professional reporting experience.

Interested persons should send résumé, at least three samples of writing, and the names, addresses, and telephone numbers of three references to:

**Carole Dickert-Scherr
Personnel Associate
American Association for the
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It is of utmost importance that the successful candidate is demonstrably a first-class senior science administrator, and that he/she has considerable experience in scientific research and the coordination of research projects. He/she should also be someone with wide experience of problems of tropical regions. Ideally, the appointee should either have deep interest and experience working as an administrator of a research institution or of a large research project; or the appointee should have extensive scientific experience in the field of insect science, but candidates in related fields (such as ecology, epidemiology, parasitology, agronomy, and comparative physiology) may be considered.

The appointee will work under the general supervision of the director of the Centre. His/her duties will include: the coordination of research programmes of this research institute in cooperation with programme leaders and visiting directors of research; the development of linkages between the ICIPE and African research establishments, the applied research institutes, and the international research centres and agencies throughout the world; communication with ICIPE's research consultants; and participation in research training activities in cooperation with the training staff. This is a full-time appointment; and it is unlikely that the appointee will have time to carry out his/her own research.

The appointment is for 2 years in the first instance, but may be extended by mutual agreement to contractual periods of up to 5 years. Salary levels are negotiable, and are roughly at professorial level. Additional benefits include: a small gratuity calculated as a percentage of the basic salary, a housing allowance, a small transport allowance, medical insurance for the appointee and his/her immediate dependents, and travel tickets for the appointee and his/her dependents.

The ICIPE wishes to make an appointment within the next few months. The closing date for the application will be 16 August 1977. The applications, including a detailed curriculum vitae, and addresses of three referees, should be sent to:

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In order to compete in the examination your résumé must be received no later than Friday, 8 July 1977. Send to:

Karen Moreno
(State Geologist Examination)
State Personnel Board
801 Capitol Mall
Sacramento, Calif. 95814

For further information, contact Dave Gilb,
Department of Conservation, 916-322-7683 or
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Equal Opportunity in Action

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The Director

- Will set and maintain the standards of the Institute.
- Must be willing to facilitate, help, and stimulate research work within the Institute.
- Should pursue his/her own research activities so as to maintain his/her standing and reputation.
- Will be responsible for the day-to-day administration of the Institute.

The Qualifications

The director:

- Must have a Ph.D. and/or M.D.
- Should have the imagination, sympathy, and tact to cooperate and collaborate fully with other workers in the Institute.
- Should be an established investigator with an international reputation in a field which has clinical application.
- Should have administrative experience.

The Appointment and Salary

The successful applicant will be appointed as a full professor. Salary is negotiable.

The Application

Applications should be accompanied by a detailed curriculum vitae and the names of three referees, and should be sent to:

The Chairman
Department of Surgery
11-105 Clinical Sciences Building
University of Alberta
Edmonton, Alberta T6G 2H1, Canada

POSITIONS OPEN

EXPERIMENTAL PHARMACOLOGIST

The Fred Hutchinson Cancer Research Center is seeking a head for its program in pharmacology. The appointment will be made primarily on the basis of the candidate's scientific qualifications but the program head is expected to be actively engaged in research on experimental pharmacology related to cancer. It is anticipated that individuals in this program will interact closely with the Department of Pharmacology at the University of Washington. The possibility of joint appointments can be explored. Applications including curriculum vitae and list of publications should be sent to **Dr. H. Neurath, Associate Director for Intramural Research, Fred Hutchinson Cancer Research Center, 1124 Columbia Street, Seattle, Washington 98104.**

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MICROBIOLOGIST—duties will include responsibility for teaching introductory microbiology and/or cytology.

BOTANIST—duties will include responsibility for upper division courses in morphology of vascular plants and/or general cytology.

Interested candidates should send curriculum vitae and names of three references to: **Chairman, Department of Biology, University of California, Riverside, Calif. 92521. The University of California is an Equal Opportunity Employer. Minority and women candidates as well as other qualified persons are encouraged to apply.**

UNIVERSITY OF WISCONSIN-PARKSIDE KENOSHA, WISCONSIN LECTURER OF LIFE SCIENCE

Duties: duties will be in laboratory sections of introductory courses including bioscience and organismal biology, plus teaching a one-semester course in genetics. The position is for the academic year 1977-1978.

Degree requirement: master's degree, minimum requirement.

Applications: qualified applicants should send curriculum vitae, transcripts, and three letters of recommendation to:

**Dr. Chong-maw Chen
University of Wisconsin-Parkside
359 Greenquist Hall
Kenosha, Wisconsin 53140**

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NEUROANATOMIST

The Anatomy Department of the University of Wisconsin, Madison, Medical School, is recruiting a qualified individual, with M.D. or Ph.D. degree, to fill a faculty position in neuroanatomy at the assistant or associate professor level. The successful applicant should have an ongoing, vigorous research program aimed at improved understanding of the structure and function of the mammalian brain. In addition to research and teaching in the medical school, it is expected that the applicant will maintain a strong affiliation with the campuswide neuroscience program. Interested persons should send a curriculum vitae, a list of references, and any other supporting documents to: **Dr. David B. Slautterback, Chairman, Anatomy Department, 1255 Linden Drive, University of Wisconsin, Madison, Wis. 53706. Women and minorities are encouraged to apply. An Equal Opportunity Employer, M/F.**

PHYSIOLOGIST-PHARMACOLOGIST

There is an opening at the rank of assistant professor at the New York University College of Dentistry beginning 1 September 1977. Applicants must have a Ph.D. and preferably have an interest in one or more of the following areas: oral physiology, endocrine physiology, or pharmacology of analgesics and anesthetics. The individual will be required to teach both physiology and pharmacology as well as to develop and pursue an active research program. Salary is competitive. Send curriculum vitae and names of three references to: **Dr. Frederick M. Liebman, Professor and Chairman, Department of Physiology-Pharmacology, New York University College of Dentistry, 342 East 26 Street, New York, N.Y. 10010. Applications will be accepted until 15 August 1977. New York University is an Affirmative Action/Equal Opportunity Employer.**

POSITIONS OPEN

ORAL IMMUNOLOGIST, ASSISTANT PROFESSOR: Responsibilities are to: (i) contribute to departmental teaching effort toward dental students and graduate students, (ii) carry out an active research program, and (iii) participate in a Ph.D. graduate program. It is expected that the applicant will be able to maintain independent research and have the capability for successfully competing for financial support. Applicant should send curriculum vitae and the names and addresses of three referees to **Dr. David Platt, Department of Microbiology, School of Dental Medicine, University of Pittsburgh, Pittsburgh, Pa. 15261. The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.**

Wanted: A **PHYSICIAN** with a minimum of 3 years of experience in internal medicine and a minimum of 4 years of experience in medical oncology. The person must be familiar with bone marrow transplantation and have previous laboratory immunological research experience. **Fred Hutchinson Cancer Research Center, 1124 Columbia Street, Seattle, Washington 98104.**

PLANKTON ECOLOGIST, FISHERIES ECOLOGIST, HYDROLOGIST. Research positions anticipated to be available late summer 1977, to complete an ecosystem study of Lake Pontchartrain, a large shallow, brackish lake, and its environs. Field experience and an ability to do team research is highly desirable. The duration is for 15 to 20 months with continuation dependent on the availability of contract funds. Job descriptions available from: **James Stone, Center for Wetland Resources, Louisiana State University, Baton Rouge, La. 70803.**

POSTDOCTORAL OPPORTUNITIES IN TOXICOLOGY available July 1977 with research activities related to mechanisms of action of hepatotoxins and nephrotoxins. Send curriculum vitae and names of three references to:

**Dr. W. O. Berndt
Department of Pharmacology/Toxicology
University of Mississippi Medical Center
2500 North State Street
Jackson, Mississippi 39216**

The University of Mississippi Medical Center is an Equal Opportunity Employer, M/F.

POSTDOCTORAL POSITION available in reproductive biology starting 1 September 1977. Experience with isolation of hypothalamic synaptosomes and/or radioimmunoassays desirable. Must be a United States citizen. Send curriculum vitae, abstract of research interests, and three letters of reference to: **Reinhart B. Billiar, Ph.D., Department of Reproductive Biology, Case Western Reserve University, Cleveland, Ohio 44106.**

TWO POSTDOCTORAL POSITIONS available immediately for research in viral oncology. Work will be part of a program comprising genome structure analysis and genetics of oncogenic primate herpesviruses and characterization of transformed cells. Preference will be given to graduates with research experience (i) in nucleic acid biochemistry (restriction enzymes and/or electron microscopy), and (ii) in viral immunology. Appointments at the assistant professor level possible within 2 years. Send curriculum vitae and references to: **Dr. B. Fleckenstein, Division of Microbiology, New England Regional Primate Research Center, Harvard Medical School, One Pine Hill Drive, Southborough, Mass. 01772. Harvard University is an Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL POSITION: Protein chemist to work on ferritin structure and radioimmunoassay for tumor ferritins. Available 1 July 1977. Salary \$10,000 to \$15,000. Send curriculum vitae and names of three references to: **Dr. James W. Drysdale, Department of Biochemistry and Pharmacology, Tufts University School of Medicine, 136 Harrison Avenue, Boston, Mass. 02111.**

POSTDOCTORAL POSITION. Immediate opening for a recent Ph.D. to participate in a research program on viral control of host cell protein synthesis. Send curriculum vitae to: **Dr. J. Lucas-Lenard, Biochemistry and Biophysics Section, University of Connecticut, U-Box 125, Storrs, Connecticut 06268.**

POSITIONS OPEN

PLANT ECOLOGIST/PHYSIOLOGIST

Postdoctoral position available September 1977 for individual interested in research on the physiological ecology of halophytes. Send curriculum vitae to **Dr. Gary Cunningham, Biology Department, New Mexico State University, Las Cruces, N.M. 88003. New Mexico State University is an Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL POSITION

Biochemistry of N_2 fixation: mechanistic and other enzymological studies of nitrogenase. Experience in protein chemistry and separation techniques desirable. Salary: \$10,000 plus fringe benefits; length of appointment is 1 to 3 years.

Send résumé and three references to: **Professor Charles McKenna, Chemical-Biological Development Laboratory, Chemistry Department, University of Southern California, Los Angeles, California 90007.**

POSTDOCTORAL POSITIONS: A Cooperative Institute for Marine and Atmospheric Studies (CIMAS) is being established jointly by NOAA and by the University of Miami on the Virginia Key Campus of the university. The program of CIMAS will be focused initially upon the study of oceanic variability and its effect on the annual and inter-annual evolution of the atmospheric circulation and the climate. Several postdoctoral positions are expected to be available in the near future for qualified scientists with interest in the relevant modeling and data studies. Please address inquiries with curriculum vitae to: **Dr. E. B. Kraus, CIMAS, 4600 Rick-enbacker Causeway, Miami, Florida 33149.**

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POSTDOCTORAL RESEARCH

Applications are invited for a position involving studies on immunological aspects of solid cancers. Background in biochemical and immunochemical techniques required. Experience with radioimmunoassay desirable. Excellent salary and benefits. Send curriculum vitae and references to:

**Department of Immunochemistry Research
Evanston Hospital
2650 Ridge Avenue
Evanston, Illinois 60201**

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POSTDOCTORAL RESEARCH ASSOCIATE University of Louisville Chemistry Department

Position available now for the study of intermolecular forces in crystals. Experience in organic crystallography and nonbonded interactions in macromolecules is desirable. Salary competitive. Applicants send résumé, transcripts, and two letters of recommendation to: **Dr. Donald E. Williams, Department of Chemistry, University of Louisville, Louisville, Kentucky 40208. An Equal Opportunity/Affirmative Action Employer.**

STAFF ASSOCIATE

Seeking recent postdoctorals for staff positions in laboratories devoted to broad research programs in oncology. Such research programs include virology, enzymology, hormonal regulation, cell differentiation, somatic cell genetics, cytogenetics, molecular biology, biochemistry, immunochemistry, cell metabolism and regulation, and tumor immunology. The research training experience will generally entail a commitment of 2 years. Excellent opportunity for individual interested in an intensive, closely coordinated oncology training program. *Equal Opportunity Employer.* Salary negotiable and dependent on postdoctorate level.

**Deputy Director for Administration
Cancer Center**

**Columbia College of Physicians and Surgeons
701 West 168 Street
New York, N.Y. 10032**

Doctoral-level person sought to pursue **ULTRA-STRUCTURAL STUDIES OF SYNAPTOGENESIS.** Ability to operate and maintain electron microscope, knowledge of serial sectioning techniques and nervous system indispensable. Experience with freeze-fracture very useful. Salary \$15,000 per annum plus fringe benefits. Post open as of 1 September 1977; 3½ years of employment guaranteed. Inquiries to: **Professor P. Witkovsky, Department of Anatomical Sciences, State University of New York at Stony Brook, Stony Brook, N.Y. 11794. Equal Opportunity/Affirmative Action Employer.**

STATISTICIANS

G.D. Searle & Co., a leader in the health care field, is seeking Ph.D. and M.S. level statisticians for experimental design, data analysis and report writing. Application areas include medical research, pathology/toxicology, pre-clinical research and quality control/manufacturing. Top level verbal communication skills are required. Pharmaceutical industry experience is preferred.

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Academic vacancies exist in the Departments of Mathematics, Physics, Zoology, Botany, Chemistry, and Geology to commence September 1977.

Applications are invited from suitably qualified persons with specializations in analysis, algebraic topology, differential topology, algebra, probability theory, operations research, vertebrates, ornithology, embryology, molecular biology, radioastronomy, astrophysics, high energy statistical physics, cosmology, electronics, solar energy, solar cells, enzymology, analytical chemistry, physical chemistry, biochemistry, and mineralogy hydrogeology.

Qualifications: Ph.D. and related experience in teaching, at university level, and research.

Applications should be sent to the respective departments at:

Faculty of Science
University of Riyadh
Saudia Arabia

The deadline for receiving applications is 30 June 1977.

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The U.S. Army Medical Research and Development Command is interested in receiving research proposals for the synthesis of new antileishmanial, antischistosomal and antitrypanosomal agents as part of an ongoing drug development program. Proposals should be supported by a compelling chemical, biochemical, biological, or pharmacological rationale. Proposals that request support for basic chemical research, not related to the antiparasitic programs, will not be supported. Informal proposals should include organizational and administrative information, a technical presentation including methods of approach, resumes for key personnel, and a description of facilities.

Proposals may be written to cover research for more than one year but contracts are funded on a yearly basis. All proposals are subjected to peer review by a study group. The original and two copies of the informal proposal should be submitted to:

HQDA (SGRD-RM/Ms. James)
 Washington, D.C. 20314

Inquiries on technical matters can be directed to:

Division of Medical Chemistry
 Walter Reed Army Institute of Research
 Walter Reed Army Medical Center
 Washington, D.C. 20012

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POSITIONS OPEN

DIRECTOR, NEW MEXICO WATER RESOURCES RESEARCH INSTITUTE

Nominations and applications invited for director, New Mexico Water Resources Research Institute located at New Mexico State University, Las Cruces, New Mexico.

Director is responsible for successful maintenance and enhancement of ongoing programs of Institute and is responsible for administration of all state and federal funds. Director is expected to provide leadership in stimulating water-related research and educational programs, and should act as coordinator for such activities. Qualifications include earned doctorate or equivalent experience, and established interest in water research. Administrative experience in water resources research preferred.

Closing date for applications: 1 October 1977.

Nominations and applications to:

Samuel P. Maggard
Chairman, Search Committee

Box 3CE
New Mexico State University

Las Cruces, New Mexico 88003

Telephone: 505-646-3801

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RESEARCH ASSOCIATE, Energy Systems Laboratory, to gather and analyze technical data related to a variety of energy systems, assist in preparation of technical reports, and provide support to senior staff. Requires B.S. in mathematics, engineering, or science with 1 to 3 years of experience in energy-related field, experience in computer programming Fortran and/or Basic. Familiarity with solar and other energy conversion systems helpful. Starting salary \$12,000. Application deadline: 8 July 1977. Send résumé and three letters of reference to: **J. O. Bradley, Personnel Office, Desert Research Institute, University of Nevada System, P.O. Box 60220, Reno, Nevada 89506.** An Affirmative Action/Equal Opportunity Employer.

THE INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY VACANCY

Applications are invited from suitably qualified candidates for the following:

VACANCY: SCIENTIFIC OFFICER (chemistry and sorghum shootfly). Ref. SCI/77/1.

QUALIFICATIONS: a higher degree or equivalent with considerable experience in technically oriented research particularly in the fields of insect chemistry, natural products chemistry or biochemistry, some experience in or training in biological subjects would be an advantage.

RESPONSIBILITIES: to assist in research in crop problems and insect chemistry related to sorghum resistance to insect attack, and insect attractants.

CONTRACT PERIOD: 5 years, inclusive of 2-year probation period, during which there would be a periodic progress review.

SALARY: basic salary according to qualifications and experience, but in any case, will not be less than K.Shs. 40,000 per annum.

Others benefits include housing allowance, group medical insurance scheme, and passages for the appointee and his/her family.

Applications, in sextuple, giving detailed information on general education, professional qualifications, experience, marital status, age, present terms of employment (including salary), names and addresses of four referees (including one personal referee), and photostat copies of relevant transcripts, thesis abstracts, reprints of publications or copies of the most recent publications, should be addressed to: **The Administrative Manager, ICIPE, P.O. Box 30772, Nairobi, Kenya**, to reach him not later than 30 June 1977.

POSITIONS OPEN

PROTEIN CHEMIST. Postdoctoral position available to work on structure of human serum lipoproteins and apoproteins. Background in sequencing and physical chemistry required. Please send curriculum vitae and names of three references to: **Dr. Frederick Aladjem, Department of Microbiology, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles, Calif. 90033.** An Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE (POSTDOCTORAL)

A postdoctoral position in the area of drought resistance of agronomic crops under the direction of Dr. Peter L. Steponkus is available immediately. Applicants should have a background and interest in plant-water relations, crop science and plant physiology. Qualified applicants are invited to submit curriculum vitae, three letters of recommendation, transcripts, and other supportive material to: **Dr. R. F. Lucey, Chairman, Department of Agronomy, Cornell University, Ithaca, N.Y. 14853.** Cornell University is an Equal Opportunity Employer.

UNDERGRADUATE TEACHING POSITION in anatomy and physiology available beginning 1 September 1977. Ph.D. in physiology or related area (anatomy, developmental biology) required. Must have high motivation for teaching; experience desirable; limited facilities for research available. Responsibilities include instructing students of health sciences and participation in the general biology program. Application deadline: 15 July 1977. Send résumés to: **Dr. Halit M. Kosar, Dean, Science and Engineering Division, Gannon College, Erie, Pa. 16501.** Gannon College is an Equal Opportunity/Affirmative Action Employer.

ZOOLOGIST: responsibilities include teaching introductory animal biology, upper level vertebrate embryology and/or vertebrate zoology in department with strong emphasis in ecology. Temporary 1-year appointment for academic year 1977-78 (leave-of-absence replacement) at rank of assistant professor. Ph.D. required. Send curriculum vitae, transcripts, and three letters of recommendation to: **Dr. Clarence Goodnight, Chairman, Search Committee, Biology Department, Western Michigan University, Kalamazoo, Michigan 49008.** An Affirmative Action/Equal Opportunity Employer.

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP Hemophilia Research

Position available for M.D. or Ph.D. for electron microscope and tissue culture studies of hemophilia. Fellow will be associated with the research and clinical groups concerned with joint problems in hemophilias. For further information, send curriculum vitae to: **Shelby L. Dietrich, M.D., Director of Research, Orthopaedic Hospital, 2400 South Flower Street, Los Angeles, California 90007.**

POSTDOCTORAL TRAINEESHIPS IN AUDITORY PERCEPTION AND AIDS FOR THE DEAF. Immediately available. Preference given to applicants with backgrounds in clinically oriented research who would benefit from further technical training. NIH-supported program with stipend range of \$10,000 to \$14,000 per year. United States citizens, nationals, or permanent residents. Send résumé, letter describing career goals, and dissertation abstract to: **L. D. Braida, H. S. Colburn, or N. I. Durlach, Auditory Perception Laboratory, Room 36-747, Massachusetts Institute of Technology, Cambridge, Mass. 02139.** An Equal Opportunity Employer.

POSTDOCTORAL RESEARCH FELLOWSHIP IN VISUAL SCIENCES

Two positions for postdoctoral research training in ophthalmic physiology and biochemistry with emphasis on membrane transport, metabolism, electrophysiology, morphology, and protein chemistry of the lens, ciliary body, cornea, and retina will be available July 1977. Recent Ph.D.'s or M.D.'s who are United States citizens or permanent residents are invited to apply. Initial appointment is for 1 year, renewable for 2 years. Stipends under currently funded National Research Service Awards range from \$10,000 to \$14,000 per year depending on previous relevant experience. Send curriculum vitae with a statement of research interests, career goals, and names and addresses of two or three references to: **Dr. V. N. Reddy, Director, Institute of Biological Sciences, Oakland University, Rochester, Michigan 48063.** An Equal Opportunity Employer.

FELLOWSHIPS

Two-year **POSTDOCTORAL RESEARCH FELLOWSHIP** available immediately in lens biochemistry or biophysics at the Jules Stein Eye Institute, University of California at Los Angeles. Eligibility limited to United States citizens and permanent residents. The position should attract someone wishing to work on problems dealing with the biochemistry or molecular biology of the lens. General problems include (i) changes in molecular weight of lens crystallin during development and aging; (ii) properties of the fiber membranes of the lens; and (iii) subcellular localization of lens proteins and enzymes. Send curriculum vitae and statement of research interest to: **Dr. Joseph Horwitz, Jules Stein Eye Institute, UCLA Center for Health Sciences, Los Angeles, Calif. 90024.** An Equal Opportunity/Affirmative Action Employer.

TRAINEESHIPS

POSTDOCTORAL FELLOWSHIP IN HUMAN BIOCHEMICAL GENETICS available August 1977 for Ph.D. or M.D. to collaborate in the study of cats as animal models for human Gm₂ gangliosidosis. Research will deal with basic molecular pathology and enzyme replacement therapy. Send résumé, names of three references, and statement of research interests to: **Mario C. Rattazzi, M.D., Division of Human Genetics, Department of Pediatrics, State University of New York at Buffalo, Children's Hospital, 86 Hodge Avenue, Buffalo, New York 14222.** An Equal Opportunity/Affirmative Action Employer.

SYMPOSIUM

SECOND SYMPOSIUM ON THE GEOLOGY OF LIBYA

A second symposium on the geology of Libya, sponsored by the Geology Department, Faculty of Science, University of Al-Fateh, Tripoli, will be held in the latter half of September 1978. The duration of the symposium will be approximately 1 week. Papers which contribute to the knowledge of the geology of Libya and related areas are invited.

For further details please write to:

**Dr. M. H. Naggar, General Secretary
Second Symposium on the Geology of Libya
Geology Department, Faculty of Science
University of Al-Fateh
P.O. Box 656, Tripoli
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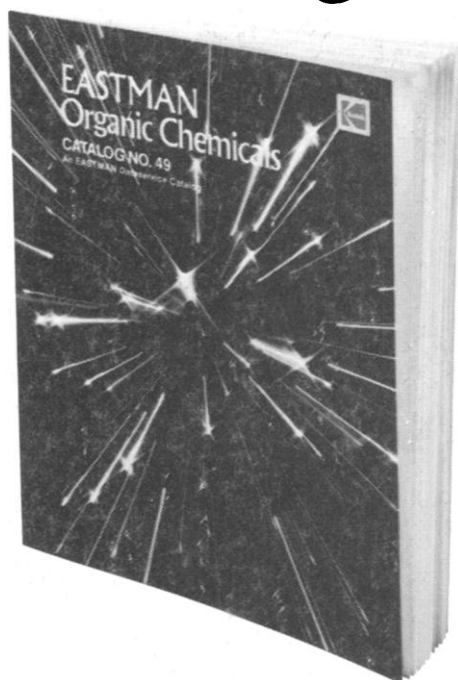
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