

sues and Implications. Papers from a conference, Oswego, N.Y., July 1976. William C. Ritchie, Ed. Academic Press, New York, 1978. xiv, 222 pp. \$14.50. Perspectives in Neurolinguistics and Psycholinguistics.

Seedlings of the North-Western European Lowland. A Flora of Seedlings. F. M. Muller. Junk, the Hague, and Centre for Agricultural Publishing and Documentation, Wageningen, 1978 (U.S. distributor, Kluwer Boston, Hingham, Mass.). vi, 654 pp., illus. \$73.

Shock Tube and Shock Wave Research. Proceedings of a symposium, Seattle, July 1977. Boye Ahlborn, Abraham Hertzberg, and David Russell, Eds. University of Washington Press, Seattle, 1978. xvi, 656 pp., illus. \$40.

Soft-Tech. J. Baldwin and Stewart Brand,

Eds. Penguin, New York, 1978. 176 pp., illus. Paper, \$5. A CoEvolution Book.

Soil Conservation and Management in Developing Countries. Food and Agriculture Organization of the United Nations, Rome, 1977 (U.S. distributor, Unipub, New York). iv, 212 pp. Paper, \$9. FAO Soils Bulletin, 33.

Solar Cooling and Heating. Architectural, Engineering, and Legal Aspects. Proceedings of a forum, Miami Beach, Dec. 1976. T. Nejat Veziroğlu, Ed. Hemisphere, Washington, D.C., 1978. Three volumes. xlviii, 1066 pp., illus. \$120.

Spectacle Lens Technology. D. F. Horne. Crane, Russak, New York, and Hilger, Bristol, England, 1978. xiv, 324 pp., illus. \$52.50.

Stable Peace. Kenneth E. Boulding. Univer-

sity of Texas Press, Austin, 1978. xii, 144 pp. Cloth, \$9.95; paper, \$3.95.

The Stable Society. Its Structure and Control. Towards a Social Cybernetics. Edward Goldsmith. Wadebridge Press, Wadebridge, Cornwall, England, 1978. vi, 154 pp. £3.80.

Stalking the Wild Taboo. Garrett Hardin. William Kaufmann, Los Altos, Calif., ed. 2, 1978. x, 284 pp. Cloth, \$11.95; paper, \$4.95.

Stars. Their Birth, Life, and Death. Iosif S. Shklovskii. Translated from the Russian edition (Moscow, 1975) by Richard B. Rodman. Freeman, San Francisco, 1978. xiv, 442 pp., illus. \$17.50.

Structure and Function of the Descending Systems of the Spinal Cord. P. G. Kostyuk. Translated from the Russian edition (Leningrad, 1973). Israel Program for Scientific Translations, Jerusalem, 1977 (U.S. distributor, Halsted [Wiley], New York). x, 200 pp., illus. \$32.50.

Student's Guide to Thesis Research. Thomas Eugene Avery. Burgess, Minneapolis, 1978. viii, 108 pp., illus. Paper, \$6.95.

Studies in History of Biology. William Coleman and Camille Limoges, Eds. Johns Hopkins University Press, Baltimore, 1978. viii, 210 pp. \$14.

Studies on the Development of Behavior and the Nervous System. Vol. 4, Early Influences. Gilbert Gottlieb, Ed. Academic Press, New York, 1978. xviii, 358 pp., illus. \$22.50.

Systematische Anthropologie. Wolfgang Rudolph and Peter Tschohl. Wilhelm Fink Verlag, Munich, 1977. 368 pp. Paper, DM 23.80. Uni-Taschenbücher 639.

Telecommunications in the 1980s and After. Papers from a meeting, London, Mar. 1977. The Royal Society, London, 1978. vi, 228 pp., illus. £17. First published in *Philosophical Transactions of the Royal Society of London*, Series A, Vol. 289, No. 1356.

Time as Conflict. A Scientific and Humanistic Study. J. T. Fraser. Birkhäuser Verlag, Basel, 1978 (U.S. distributor, Renouf USA, Brookfield, Vt.). 356 pp. \$29.50.

The Trauma of Time. A Psychoanalytic Investigation. Irvine Schiffer. International Universities Press, New York, 1978. vii, 280 pp. \$15.

The Triumph of Evolution. American Scientists and the Heredity-Environment controversy, 1900-1941. Hamilton Cravens. University of Pennsylvania Press, Philadelphia, 1978. xxiv, 352 pp., illus. \$17.50.

Tropical Medicine and Parasitology. Classic Investigations. B. H. Kean, Kenneth E. Mott, and Adair J. Russell, Eds. Cornell University Press, Ithaca, N.Y., 1978. Two volumes. xxviii, 678 pp., illus. \$50.

The Tropospheric Transport of Pollutants and Other Substances to the Oceans. Papers from a workshop, Miami, Dec. 1975. National Academy of Sciences, Washington, D.C., 1978. xii, 244 pp. Paper, \$11.75.

The University and the State. What Role for Government in Higher Education? Papers from a meeting, Washington, D.C., Dec. 1976. Sidney Hook, Paul Kurtz, and Miro Todorovich, Eds. Prometheus Books, Buffalo, N.Y., 1978. x, 296 pp. \$15.95.

Water Chlorination. Environmental Impact and Health Effects. Vol. 2. Proceedings of a conference, Gatlinburg, Tenn., Oct. 1977. Robert L. Jolley, Hend Gorchev, and D. Heyward Hamilton, Jr., Eds. Ann Arbor Science, Ann Arbor, Mich., 1978. xviii, 910 pp., illus. \$30.

Wood as an Energy Resource. David A. Tillman. Academic Press, New York, 1978. xiv, 252 pp., illus. \$13.50.

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POSITIONS WANTED

Biochemist, M.S. 1972. Teaching. Clinical laboratory. Experience in protein isolation, radioimmunoassay, and structure-function studies. Previous work in cancer and cardiovascular disease. Publications. Seeks academic, industrial, or hospital position. G.H.K., 817 Walnut, Prescott, Arizona 86301. X

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POSITIONS OPEN

ASSISTANT PROFESSOR OF ANALYTICAL CHEMISTRY—Tenure-track, fall 1979. Send curriculum vitae with a 250-word outline of your research interests, and request that three letters of recommendation be sent to: Dr. D. H. Freeman (Chairman, Search Committee), Department of Chemistry, University of Maryland, College Park, Md. 20742. *Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

AQUATIC BIOLOGY/LIMNOLOGY

Applications are invited for a tenure-track position as assistant professor (effective August 1979) in the Department of Biology at Creighton University. The position requires participation in instruction of (i) biology at the introductory level, (ii) an intermediate-level course in zoology or botany, and (iii) upper-division and graduate offerings in aquatic biology/limnology. In addition to teaching, the individual will be expected to develop an active research program. Subsequent promotion will depend on both scholarly and teaching performance.

Applicants should send curriculum vitae (which includes a description of teaching experience and expertise), names of three references, and complete transcripts to:

Search Committee
Department of Biology
Creighton University
Omaha, Nebraska 68178

Deadline is 31 January 1979.

An Equal Opportunity/Affirmative Action Employer

ASSISTANT PROFESSOR OF PHARMACOLOGY

Applications are invited by the Department of Pharmacology at the University of Missouri-Columbia for the position of assistant professor. The applicant should possess the Ph.D. in pharmacology, biochemistry, or a related discipline, should have completed approximately 3 years of postdoctoral research experience, should have demonstrated excellence in research, and should have an active interest in teaching medical and graduate students. The area of research interest is of less importance than the applicant's ability. The position is available 1 June 1979. Closing date for receipt of applications is 15 February 1979. Please send complete curriculum vitae, list of publications, and at least two letters of reference to: Dr. Murray Heimberg, Chairman, Department of Pharmacology, University of Missouri, School of Medicine, Columbia, Missouri 65212. *The University of Missouri is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR PHARMACOLOGY

A position is available immediately in the Department of Urology, The University of Texas System Cancer Center M.D. Anderson Hospital and Tumor Institute. A Ph.D. pharmacologist with postdoctoral experience and strong background in cancer chemotherapy drugs (analysis, metabolism, and toxicology) is required to support chemotherapy programs of urological tumors and perform independent research. Teaching of graduate students is also possible. Send curriculum vitae and three references to: Dr. Kenji Nishio, Surgical Research Laboratory, BF-426, The University of Texas System Cancer Center M.D. Anderson Hospital and Tumor Institute, Houston, Texas 77030. *An Equal Opportunity Employer.*

The Department of Neurology at the University of California, Los Angeles (UCLA), School of Medicine, is seeking a qualified applicant for the position of **ADJUNCT ASSOCIATE PROFESSOR**. Applicant must have a Ph.D. degree and will conduct research on response properties of normal and abnormal hippocampal neurons in animals and men. Teaching requirements will include formal course presentation in the neurosciences and supervision of postdoctoral scholars. Applicants are requested to submit a curriculum vitae to: Richard D. Walter, M.D., Chairman, Department of Neurology, UCLA School of Medicine, Los Angeles, California 90024. *UCLA is an Equal Opportunity/Affirmative Action Employer and is desirous of receiving applications from minority and women candidates as well as other qualified persons.*

ANATOMIST-PHYSIOLOGIST. Assistant professor, tenure-track. Primary teaching responsibility in human anatomy and physiology. Opportunity to develop course(s) in area of specialization. Research interests in comparative, organ system, or cellular physiology preferred. Salary negotiable based on experience and qualifications. Ph.D. required; postdoctoral desirable. Submit résumé, transcripts, research plan, and three letters of recommendation by 15 February to: Francis C. Rabalais, Department of Biological Sciences, Bowling Green State University, Bowling Green, Ohio 43403. *An Affirmative Action/Equal Opportunity Employer.*

POSITIONS OPEN

UNIVERSITY OF MINNESOTA

ANTHROPOLOGIST, ASSISTANT PROFESSOR, tenure-track. Salary competitive. Begin September 1979—Ph.D. required for application. Up to 2 years of postdegree teaching experience desirable. Topical interests in nutrition, epidemiology, demography, the nature of health/disease, or related medical specialties. Research and teaching excellence sought. Send curriculum vitae, copies of published and unpublished work, three letters of reference, and graduate transcripts to: Search Committee, Department of Anthropology, 215 Ford Hall, University of Minnesota, Minneapolis 55455. Deadline for completed applications: 28 February 1979. *The University of Minnesota is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR OF CHEMISTRY

The Department of Chemistry, Emory University, is seeking a recent Ph.D. to fill a tenure-track position in either **analytical chemistry** or **inorganic chemistry**. The candidate must have the ability to develop a grant-supported research program having national stature as well as a teaching capability at both the undergraduate and graduate levels.

Send résumés (including transcripts), names of three references, and an outline of research plans to:

Professor R. A. Day, Jr.
Chemistry Department
Emory University
Atlanta, Georgia 30322

Applications must be received by 1 February 1979.

An Equal Opportunity/Affirmative Action Employer

DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS UNIVERSITY OF ALABAMA MEDICAL CENTER

Two tenure or tenure-track positions at the **assistant** or **associate professor** level for applicants with interests in: (i) reproductive neuroendocrinology and (ii) ovarian physiology. Successful applicants will be expected to participate in teaching of physiology courses for medical, dental, and optometry students, to develop graduate programs, and to develop independent research programs. The positions require a doctoral degree and postdoctoral training. Send curriculum vitae, a summary of future research plans, and names of three references to:

Professor J. D. Neill
Department of Physiology and Biophysics
University of Alabama Medical Center
Birmingham, Alabama 35294

The University of Alabama in Birmingham is an Equal Opportunity/Affirmative Action Employer.

BIOCHEMIST. Applications are being sought from scientists, preferably with experience with tissue culture and study of proteins and glycoproteins, to investigate cell-to-cell interactions and nerve dysfunction. The work is to be done in a separate laboratory within a multidisciplinary Peripheral Neuropathy Clinical Center at Mayo Medical School and Mayo Clinic. Only the most highly qualified and recommended applicants will be considered. Funding for the research program is available. The position could become permanent. Curriculum vitae, reprints, and three letters of reference should be sent to: Chairman, Selection Committee, Peripheral Neuropathy Clinical Center, Room 812, Guggenheim Building, Mayo Clinic, Rochester, Minnesota 55901. *Mayo is an Equal Opportunity Employer.*

BIOLOGICAL SCIENCES RESEARCH TECHNICIAN

Immediate opening in biochemically oriented virology laboratory for a qualified microbiologist or biochemist. B.A. or B.S. required; M.A. or M.S. preferred. Salary commensurate with experience. Send résumés and inquiries to:

Dr. Timothy Carter
Department of Biological Sciences
St. John's University
Jamaica, N.Y. 11439

*An Equal Opportunity Employer,
M/F*

POSITIONS OPEN

Department of Biology seeks a **BOTANIST** to fill tenure-track teaching/research position at assistant professor level. Appointment begins 16 August 1979. Salary range: \$14,000 to \$14,800. Primary responsibilities include teaching an undergraduate vascular plant systematics course, development of another undergraduate and graduate-level courses in area of expertise, curating the herbarium, and establishment of independent research/graduate program is expected. Ph.D. required. Application deadline is 20 February 1979. Forward résumé and three letters of evaluation to: **Dr. Syed M. Jalal, Department of Biology, University of North Dakota, Grand Forks, N.D. 58202.** *Affirmative Action/Equal Opportunity Employer.*

CHAIRMAN, DEPARTMENT OF MICROBIOLOGY, IMMUNOLOGY, AND PATHOLOGY

Applications are invited for this position which becomes available 10 March 1979. Candidates should provide evidence of ongoing scholarly achievements in teaching and research, and have the ability to provide administrative and academic leadership for a department of four full-time faculty and ten part-time faculty members. Send curriculum vitae and three letters of reference by 15 February 1979, to: **Jean E. Turnquist, Ph.D., Chairman Search Committee, Pennsylvania College of Podiatric Medicine, 8th and Race Streets, Philadelphia, Pa. 19107.** *An Equal Opportunity/Affirmative Action Employer.*

AUDIOLOGY, CHAIRMAN. Nominations and applications for chairman of the Department of Audiology, Wayne State University School of Medicine, are being sought. This freestanding department has responsibilities in clinical service, in medical education, and in graduate education and research. The successful candidate should have demonstrated administrative and leadership capabilities and have a strong background in audiology, as well as clinical consultation, research, and graduate training. Interested parties should submit curriculum vitae and references by 15 February 1979 to: **Dr. M. H. Bernstein, Department of Anatomy, Wayne State University, 540 East Canfield, Detroit, Mich. 48201.** *Wayne State University is an Affirmative Action/Equal Opportunity Employer.*

CHAIRPERSON, DEPARTMENT OF ANATOMY

The Pennsylvania College of Podiatric Medicine invites applications for the position of chairperson of the Department of Anatomy. We are seeking a qualified anatomist with a doctoral degree and demonstrated capabilities in teaching, administration of a small department, and research. Experience in gross anatomy and embryology desired but not required. Send applications, including a curriculum vitae and the names of three references, to: **Howard S. Pitkow, Ph.D., Chairman, Anatomy Search Committee, Pennsylvania College of Podiatric Medicine, 8th and Race Streets, Philadelphia, Pa. 19107.** *An Equal Opportunity/Affirmative Action Employer.*

DEAN, COLLEGE OF AGRICULTURE UNIVERSITY OF MARYLAND, COLLEGE PARK

The dean of the College of Agriculture is the chief administrative officer of the College of Agriculture at this 1862 land-grant university. The dean is responsible for overall administrative leadership and planning for the teaching, research, and extension education functions of the college.

Desired qualifications include an earned doctorate, proven scholarly and professional competence, experience in administration, and understanding of or experience in academic instructional programs, cooperative extension, and continuing education.

Applications and nominations with résumés should be sent by 16 February 1979 to: **Dr. George E. Dieter, Chairman, Dean of Agriculture Search Committee, College of Engineering, University of Maryland, College Park, Md. 20742.**

The University of Maryland is an Equal Opportunity/Affirmative Action Institution.

DEVELOPMENTAL BIOLOGIST—Assistant professor; tenure-track position; teach embryology and comparative anatomy to undergraduates. Applicant should have strong background in molecular biology; active research program in developmental biology and teach graduate level course in field. Post-doctoral experience preferred. Available: September 1979. Salary: \$15,000 for 9 months. Send curriculum vitae and three letters of recommendation to: **Search Committee, Department of Biology, Catholic University, Washington, D.C. 20064.** *An Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

DEAN SCHOOL OF SCIENCE Indiana University-Purdue University at Indianapolis

Indiana University-Purdue University at Indianapolis (IUPUI) invites applications and nominations for the position of dean of the School of Science.

IUPUI, with an enrollment of over 20,000, is the third largest university in Indiana and includes programs in allied health, art, business, dentistry, education, engineering and technology, law, liberal arts, medicine, nursing, physical education, public and environmental affairs, science, and social work.

The School of Science includes the Departments of Biology, Chemistry, Geology, Mathematical Sciences, Physics, and Psychology. The school enrolls approximately 1000 undergraduate majors and serves 12,000 students per semester. With a full-time faculty of 100, the school offers bachelor's degrees in the six departments and master's degrees in biology, chemistry, mathematical sciences, and psychology.

Qualifications include an earned doctorate, eligibility for appointment as a professor in one of the departments, significant experience in teaching and research, and demonstrated ability to work effectively with students, faculty, and administrators.

Salary negotiable depending upon experience and background.

Please send résumé by 15 February 1979, to:

**Scott Evenbeck, Secretary
Search and Screen Committee for Dean
Indiana University-Purdue University at Indianapolis
1201 East 38 Street
Indianapolis, Ind. 46205**

IUPUI is an Affirmative Action/Equal Opportunity Employer.

DEAN COLLEGE OF SCIENCE THE UNIVERSITY OF TEXAS AT EL PASO

The University of Texas at El Paso is seeking a person to lead, administratively and academically, its College of Science which is composed of five departments: Biological Sciences, Chemistry, Geological Sciences, Mathematics, and Physics. The college has 81 tenure-track faculty positions and offers B.S. and M.S. degrees in all of its departments and a doctor of geological sciences degree. Applicants must possess a Ph.D., demonstrated administrative ability, and research and teaching experience at both the undergraduate and graduate levels so as to qualify for the rank of professor in one of the college's departments. Closing date for application is 28 February 1979, with date of appointment to be 1 June 1979, or 16 July 1979.

Each applicant should send a résumé and the names of at least three persons qualified to evaluate his/her qualifications and accomplishments to:

**Chairman
Search Committee for a Dean, College of Science
Office of the Vice President for Academic Affairs
The University of Texas at El Paso
El Paso, Texas 79968**

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action Employer.

DEVELOPMENTAL BIOLOGIST

Assistant professor. Ph.D. with advanced training in developmental biology to teach a modern developmental biology course, cell biology laboratories, and participate in an introductory nonmajor biology course. Must have a proven record of teaching excellence. Research encouraged. Salary: \$15,000 to \$16,500. Position open 1 January 1980. Send curriculum vitae and three recent letters of recommendation by 1 March 1979 to: **Search Committee, Biology Department, Southern Oregon State College, Ashland, Oregon 97520.**

An Affirmative Action/Equal Opportunity Employer

DIRECTOR THE FLORIDA STATE MUSEUM

The Florida State Museum, a division of the University of Florida, invites applications for director. Applicants should have the Ph.D. and proven administrative experience within natural history museums. Position opens 1 July 1979; salary range: \$35,000 to \$40,000. Curriculum vitae, the names of five persons who will write references for the candidate, and supporting documents should be sent to: **Dr. Jerald T. Milanich, Search Committee, Florida State Museum, Gainesville, Florida 32611.** Deadline for applications is 31 January 1979. *An Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

Anticipated opening for **DIRECTOR**, Coastal Ecology Laboratory, with established record of research in coastal or wetland ecology to direct one of four departments within the Center for Wetland Resources. A high degree of professional competence with Ph.D. in ecology or related discipline required; administrative experience is mandatory. To supervise about 30 professional-level ecologists, administer to existing research programs, and develop new programs, primarily through grants and contracts. A joint appointment and teaching duties in the graduate Marine Sciences Department are encouraged. Send curriculum vitae and names of three references not later than 1 February 1979 to: **Dean Jack Van Lopik, Center for Wetland Resources, Louisiana State University, Baton Rouge, La. 70803.** *Equal Opportunity/Affirmative Action Employer.*

DIRECTOR, DEPARTMENT OF MICROBIOLOGY CASE WESTERN RESERVE UNIVERSITY

Nominations and applications are invited for the above position. The Department of Microbiology, Case Western Reserve University, has a strong tradition of excellence in research and in interdisciplinary medical education. Candidates are sought with the ability to continue this tradition. An M.D. or Ph.D. degree in a relevant area is required. The candidate should be outstanding in research, be familiar with all areas of microbiology, and have a strong commitment to medical and graduate education. Applicants should submit curriculum vitae and the names of three references to: **Dr. R. W. Hanson, Director of Biochemistry, Case Western Reserve University, Medical School, Cleveland, Ohio 44106.** *An Equal Opportunity/Affirmative Action Employer.*

DIRECTOR, DIVISION OF COMPARATIVE MEDICINE, UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER

Responsible for directing a laboratory animal medicine program including management of a centralized laboratory animal facility and staff as well as participating in graduate education and research. The position offers concurrent appointments in an academic department and affiliated institutions. Candidates must have a D.V.M. or equivalent degree plus training and experience in laboratory animal medicine and management of a central laboratory animal facility. Preference will be given to applicants certified or eligible for certification by the American College of Laboratory Animal Medicine.

A letter of application, including curriculum vitae, should be submitted to: **Dr. O. Ray Kling, Chairman, Search Committee for Director, Division of Comparative Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma 73190,** before 1 February 1979.

This institution is an Affirmative Action/Equal Opportunity Employer.

ECOLOGIST-VERTEBRATE ZOOLOGIST. Assistant professor of life sciences to teach general ecology and vertebrate zoology and establish a research program in either or both areas. Ph.D. required. Application deadline: 15 March 1979. Qualified applicants should send curriculum vitae, official transcripts, and three letters of recommendation to: **Richard L. Myers, Ph.D., Chairman, Recruitment Committee, Southwest Missouri State University, Springfield, Mo. 65802.** *An Equal Opportunity/Affirmative Action Employer, F/M.*

HOWARD UNIVERSITY AVAILABLE FACULTY POSITIONS

The Department of Anatomy invites applications for faculty positions in (i) histology and (ii) gross anatomy-embryology, beginning 1 July 1979. Candidates must be qualified to teach in one of the above disciplines to medical, dental, and graduate students. The candidate should have a strong academic background in the anatomical sciences and an active and independent research program in a biomedical area. Prior medical or dental school teaching experience is highly desirable. The salary is competitive. The departmental and university environments are highly conducive to the pursuit of first-rate research and instruction. Qualified applicants are invited to submit curriculum vitae, transcripts, and four references to: **Chairman, Department of Anatomy, College of Medicine, Howard University, 520 W Street, NW, Room 1105, Washington, D.C. 20059.**

Howard University is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

FACULTY POSITIONS DEPARTMENT OF ZOOLOGY UNIVERSITY OF HAWAII

The Department of Zoology, University of Hawaii, invites applications for two faculty positions beginning fall 1979. Appointments are expected to be made at the assistant professor level. Candidates must have a Ph.D. degree and have a strong commitment to undergraduate and graduate level teaching and to the development of active research programs. Appointees will be required to teach one or two of the following courses: comparative vertebrate anatomy, biometry, and fisheries science. They will be expected to participate in a team-taught core course or an advanced course in their specialty. Specialty areas are open but the following are desirable: fisheries biology, fish biology, vertebrate biology, evolution, and sensory physiology. Applicants should send curriculum vitae, copies of publications, a detailed statement of teaching and research objectives, and names and addresses of at least three references to: **Chairman, Department of Zoology, 2538 The Mall, University of Hawaii, Honolulu, Hawaii 96822.** All applications must be received by 15 February 1979. *The University of Hawaii is an Equal Opportunity/Affirmative Action Employer.*

FISHERIES BIOLOGIST/ECOLOGIST

Ph.D. with 1 to 4 years of postdoctoral experience and a background in fish population dynamics and production, statistical design, and field-sampling techniques. This position requires an individual with a wide range of interests who is able to work with an interdisciplinary team. Duties include participation in ongoing environmental impact studies with supervision of a small staff of fisheries biologists and the development of an active research program. The Benedict Estuarine Research Laboratory, a research facility of the Academy of Natural Sciences of Philadelphia, is located 30 miles south of Washington, D.C., on the Patuxent River Estuary, a subestuary of the Chesapeake Bay. Applicants should submit curriculum vitae and three letters of recommendation to: **Dr. Louis E. Sage, Academy of Natural Sciences of Philadelphia, Benedict Estuarine Research Laboratory, Benedict, Maryland 20612.**

TENURED FACULTY POSITION IN BIOCHEMISTRY

The Institute of Cancer Research and the Department of Biochemistry, Columbia University, invites applications from qualified individuals for tenured faculty positions. The candidate must have a serious commitment to research in molecular biology with particular reference to molecular genetics and recombinant DNA techniques. He or she should also be interested in and committed to the teaching of biochemistry. Applications should include curriculum vitae, bibliography, four names of references, and reprints and should be addressed to:

I. S. Edelman, M.D.
Chairman, Department of Biochemistry
College of Physicians and Surgeons
630 West 168 Street
New York, N.Y. 10032

Columbia University is an Equal Opportunity/Affirmative Action Employer.

A FACULTY POSITION IN FLOWERING PLANT TAXONOMY AND BIOSYSTEMATICS. Applications are invited for a tenure-track position as assistant or beginning associate professor of botany, effective 1 September 1979. The successful candidate will be expected to teach undergraduate-level courses in higher plant taxonomy and local flora and a graduate course in biosystematics, to cooperate with other faculty members in offering graduate seminars, and to participate in other basic departmental courses. He/she will be expected to develop a vigorous, independent research program, to direct graduate students, and to seek extramural research support. The particular research emphasis should complement that of other members of the department, in general, and of those in taxonomy and morphology in particular. A Ph.D. degree is required; postdoctoral research and/or teaching experience is desired but not necessary. Send curriculum vitae, brief statement of teaching philosophy and research interests, and the names and addresses of three references to: **Dr. Larry W. Jones, Search Committee, Botany Department, The University of Tennessee, Knoxville, Tenn. 37916.** Applications will be accepted until 15 February 1979. *The University of Tennessee is an Equal Opportunity/Affirmative Action/Title IX/Section 504 Employer.*

POSITIONS OPEN

Full-time academic **FACULTY MEMBER** in **ANATOMIC PATHOLOGY** for established Department of Pathology. Title and salary commensurate with credentials. Applications will be received until position is filled. Must be eligible for licensure in the state of California. Send résumé and five references to: **George Lundberg, M.D., Chair, Department of Pathology, Room 3453, M.S.I., University of California, Davis, California 95616.** *The University of California is an Equal Opportunity/Affirmative Action Employer.* Applications will be accepted until position is filled.

FIELD COORDINATOR. Northeast region IR-4 minor-use-crop-registration program at the Regional Leader Laboratory. Duties will include: screening requests by northeastern states for pesticide clearances; assisting in development and evaluation of experimental design; securing commitments to conduct field tests for efficacy, phytotoxicity and residue samples, and assisting the laboratory coordinator in maintaining the flow of residue samples to the laboratory. Ph.D. or equivalent in applied crop protection required. Applications received until 2 February 1979.

John B. Bourke
Pesticide Laboratory
New York State Agricultural Experiment Station
Geneva, New York 14456

GENETICS. Instructor or assistant professor. Duties include teaching introductory genetics, upper-division specialty course(s), and general biology. Ph.D. in genetics required; previous teaching experience desirable. Successful candidate will be expected to develop an active research program in genetics. Position begins 27 August 1979. Application deadline is 1 February 1979. Send complete résumé, three letters of recommendation, and complete transcripts to: **Dr. Robert Johnson, Chairperson, Department of Biology, Southeast Missouri State University, Cape Girardeau, Mo. 63701.** *An Equal Opportunity/Affirmative Action Employer.*

GEOSCIENCE DEPARTMENT Hobart & William Smith Colleges

This private, liberal-arts institution invites applications for a full-time, 1-year appointment to replace a staff member on sabbatical leave for the 1979-1980 academic year. Teaching responsibilities will include introductory geology and advanced courses in the general fields of sedimentary geology and/or paleontology. Applicants should have the Ph.D. degree or be in the final stages of completion of dissertation. While we expect to fill the position at the assistant professor level, applicants with more or less experience would be considered.

Applicants should send curriculum vitae and have three letters of reference sent to:

Dr. William F. Ahrensbrak, Chairman
Geoscience Department
Hobart & William Smith Colleges
Geneva, New York 14456

The deadline for application is 1 February 1979.

Hobart & William Smith Colleges encourage applications from women and minorities.

HYDROGEOLOGY—WATER CHEMISTRY— ENVIRONMENTAL GEOLOGY

Environmentally oriented undergraduate Earth Science Program at University of Wisconsin-Parkside has a tenure-track opening at the **assistant professor** level beginning August 1979. Research and teaching are emphasized; applicants must have the Ph.D. and have teaching and applied research interests in one or more of the following areas: hydrogeology, water chemistry, water resource management, or environmental geology. Forward résumé and at least three letters of recommendation by 15 February to: **Dr. James H. Shea, University of Wisconsin-Parkside, Kenosha, Wis. 53141.** *The university is an Equal Opportunity Employer and actively seeks applications from all qualified persons, whatever their sex, race, color, religion, age, marital status, handicap, or national origin.*

HISTOLOGIST—A faculty position at the assistant/associate professor level is anticipated for 1979-1980—Department of Anatomy. Candidates must have teaching experience in histology and possibly neuroanatomy, plus an active research program.

Submit curriculum vitae to: **Chairperson, Anatomy Search Committee, COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY—New Jersey School of Osteopathic Medicine, P.O. Box 55, Piscataway, N.J. 08854.** *Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

Highly qualified **HEALTH PROFESSIONAL** sought as associate chief of staff/education. Applicant must have M.D., D.D.S., Ph.D., or ED.D. Large teaching hospital with medical and allied health programs. Must have experience and interest in comprehensive health-related educational activities. *Equal Opportunity/Affirmative Action Employer.* Send inquiries to: **Chief of Staff, VA Medical Center, North Chicago, Ill. 60064; telephone: 312-689-1900, extension 2841.**

IMMUNOLOGIST/MICROBIOLOGIST

Assistant professor position for Ph.D. with postdoctoral experience in immunology. Candidate must be able to conduct an active research program complementing departmental interests in molecular and cellular biology. Teaching obligations include courses in immunology and a course in basic microbiology. Starting date: fall 1979. Salary open. Send curriculum vitae and names of three references to: **Chairman, Search Committee, Department of Botany and Microbiology, 770 Van Vleet Oval, Norman, Oklahoma 73019, by 1 March 1979.** *The University of Oklahoma is an Equal Opportunity Employer.*

IMMUNOLOGIST

The Laboratory of Immunology, National Institute of Allergy and Infectious Diseases, anticipates the filling of a position of senior investigator (medical officer, research chemist, research biologist). Applications from individuals with a Ph.D., M.D., or equivalent and a strong research background and record of achievement in membrane biochemistry, biochemistry of lymphocyte activation, regulation of immune response, molecular genetics, immunogenetics, or somatic cell genetics are especially sought but inquiries from accomplished scientists in any field of immunology are welcome. Position will be filled through career Civil Service (salary range: \$27,453 to \$38,160); Commissioned Corps, U.S. Public Health Service; or through the NIH Staff Fellowship Program, depending upon qualifications. Send curriculum vitae, bibliography, statement of research interests, and names of three references to: **Dr. William E. Paul, 9000 Rockville Pike, Building 10, Room 11N311, NIAID, National Institutes of Health, Public Health Service, Bethesda, Md. 20014.** *An Equal Opportunity Employer.*

MARINE INVERTEBRATE ZOOLOGIST AND CURATOR

HARVARD UNIVERSITY is seeking to fill a tenured professorship in marine invertebrate zoology in The Department of Biology to be held conjointly with a curatorship in The Museum of Comparative Zoology. Preference will be given to applicants on the basis of (i) a strong research program in systematics and/or comparative morphology and/or reproductive biology of marine invertebrates (*Mollusca* excluded), (ii) experience in curatorial management of systematic collections of marine invertebrates, and (iii) ability to offer instruction in invertebrate zoology at both undergraduate and graduate levels. Applicants should send curriculum vitae and statement of research interests to: **Farish A. Jenkins, Jr., Chairman, Department of Biology, The Biological Laboratories, Harvard University, 16 Divinity Avenue, Cambridge, Massachusetts 02138.** *Harvard is an Equal Opportunity/Affirmative Action Employer.*

MECHANICAL ENGINEERING—Professor and head of Department. September 1979. Responsible for administration, teaching, and research. Salary negotiable. Requires Ph.D. Must show evidence of distinguished teaching ability and scholarship, including experience as principal investigator on research. Industrial or equivalent experience expected. Send reply to: **Dr. Peter McFadden, U-37, University of Connecticut, Storrs, Conn. 06268.** *An Equal Opportunity Employer.*

NEUROPHYSIOLOGIST

The Department of Neurosurgery is seeking a neurophysiologist at the assistant professor level. The candidate will be expected to be a competent central nervous system physiologist with considerable expertise in single-unit recording techniques. An interest in both basic and applied research is essential. Preference will be given to individuals with a quantitative background and experience in cerebellar and/or spinal cord physiology. Send curriculum vitae, including transcripts, together with the names of three references to: **James R. Bloedel, Department of Neurosurgery, B590, Mayo, University of Minnesota Medical School, Minneapolis, Minnesota 55455.**

POSITIONS OPEN

MICROBIAL ECOLOGIST—Ph.D. with 1 to 4 years of postdoctoral experience and a strong background in microbial ecology, detrital processing, and detritus-based food webs. Research interests should be directed toward ecosystem dynamics and food web studies. Duties involve participation in ongoing multidisciplinary environmental impact studies, supervision of a small primary productivity research group, and the development of an active research program. The Benedict Estuarine Research Laboratory, a research facility of the Academy of Natural Sciences of Philadelphia, is located approximately 30 miles south of Washington, D.C., on the Patuxent River Estuary, a subestuary of the Chesapeake Bay. Applicants should submit curriculum vitae and three letters of recommendation to: **Dr. Louis E. Sage, Academy of Natural Sciences of Philadelphia, Benedict Estuarine Research Laboratory, Benedict, Maryland 20612.**

MICROBIOLOGIST. Ph.D. required. Tenure-track appointment at assistant professor level. Position available August 1979. Duties include teaching undergraduate courses in microbiology and general biology and the development of an independent research program. Send letter of application, curriculum vitae, and three letters of reference to: **Dr. James W. Smiley, Chairman, Department of Biology, College of Charleston, Charleston, South Carolina 29401. An Affirmative Action/Equal Opportunity Employer.**

MOLECULAR VIROLOGIST for teaching and research. Opportunities for advancement and tenure consideration after appropriate service. Rank—assistant professor. Salary—competitive and dependent upon qualifications. Requirements—Ph.D. and postdoctoral research and teaching experience in molecular virology. An opportunity for an industrious and well-trained virologist to join a progressive interdisciplinary department. Contact: **Robert B. Wilson, Head, Department of Veterinary Microbiology and Pathology, Washington State University, Pullman, Washington 99164. Washington State University is an Equal Opportunity/Affirmative Action Employer. In order to assist our efforts to meet Affirmative Action goals, minority, handicapped, and women candidates are encouraged to identify themselves in their applications.** Closing date: 31 March 1979.

OCEAN MODELING POSTDOCTORAL VISITOR

The Mesoscale Air-Sea Interaction Group of The Florida State University has an opening for a 1-year postdoctoral scientist with a capability in ocean modeling beginning on or after 1 September 1979. Applicants should submit curriculum vitae and the names of three references to: **Dr. James J. O'Brien, Meteorology Annex, Florida State University, Tallahassee, Fla. 32306, before 1 March 1979.** Applicants with interests in modeling oceanic fronts will receive special consideration. The salary will be at least \$17,000 per year. *The Florida State University is an Equal Opportunity/Affirmative Action Employer.*

PATHOLOGIST. Board-certified. Teaching/research oriented pathologist needed to teach first and second year medical students. Excellent facilities for research and clinical pathology available. Excellent fringe benefits, including malpractice. Candidates with research background and capability of securing extramural funding especially encouraged to apply. May possess D.O. or M.D. degree. Interested candidates please contact:

**Paul E. Benoit, Ph.D.,
Associate Dean for Pre-Clinical Affairs
College of Osteopathic Medicine and Surgery
3200 Grand Avenue
Des Moines, Iowa 50312**

The University of Michigan-Dearborn expects to add a sixth **PHYSICIST** in September 1979. Contingent upon state funding, the position may be a lectureship or a tenure-track assistant or associate professorship. Candidates should have a Ph.D. with postdoctoral research experience; some prior teaching experience preferred. The applicant should have a strong commitment to undergraduate teaching and the ability to initiate and maintain a research program with limited time and space. Any area of experimental physics is acceptable, but preference will be given to those candidates who can teach courses in geology, geophysics, or the earth sciences. Send curriculum vitae, three letters of recommendation, and transcripts to: **Faculty Search Secretary, College of Arts, Sciences, and Letters, The University of Michigan-Dearborn, Dearborn, Mich. 48128. A nondiscriminatory, Equal Opportunity/Affirmative Action/Title IX Employer.**

POSITIONS OPEN

MICROBIOLOGY. Instructor or assistant professor. Duties include teaching bacteriology, upper division specialty course(s), and general biology. Ph.D. in microbiology required; previous teaching experience desirable. Successful candidate will be expected to develop an active research program in microbiology. Position begins 27 August 1979. Application deadline is 1 February 1979. Send complete résumé, three letters of recommendation, and complete transcripts to: **Dr. Robert Johnson, Chairperson, Department of Biology, Southeast Missouri State University, Cape Girardeau, Mo. 63701. An Equal Opportunity/Affirmative Action Employer.**

MOLECULAR, CELLULAR, AND DEVELOPMENTAL BIOLOGY OF EUKARYOTES. Our department has an opening for an individual whose research is concerned with these areas, probably at the level of **ASSISTANT PROFESSOR**, to begin in September 1979. Excellence is the primary consideration; commitments to research, graduate training, and classroom teaching are essential. Candidates should request referees to write, and send an outline of their experience and proposed research to: **Dr. Andrew G. Szent-Gyorgyi, Chairperson, Department of Biology, Brandeis University, Waltham, Mass. 02154.** Applications must be received by 15 February 1979 to assure consideration. *An Affirmative Action/Equal Opportunity Employer.*

The University of California, Berkeley, has a 1 July 1979 opening for an **M.D. NUTRITIONIST** at the assistant professor level for teaching and research in the Department of Nutritional Sciences. Applicants must have an M.D. degree and be licensed or be eligible for licensure for the practice of medicine in California. Preference will be given to applicants with the ability to be a leader in a strong research program in normal human nutrition, biochemistry, public health, metabolic disease, or other relevant specialization. Applications with biography, research interests, lists of publications, and names of three references should be sent to: **K. J. Carpenter, Ph.D., Chairman of the Search Committee, Department of Nutritional Sciences, University of California, Berkeley, Calif. 94720.** Further information can be obtained by writing to the above. The closing date for applications is 1 March 1979 or until the position is filled. *The University of California is an Affirmative Action/Equal Opportunity Employer.*

POSTDOCTORAL APPOINTMENTS

The Ames Laboratory of the U.S. Department of Energy has a number of vacancies for postdoctoral fellows in the fields of chemistry, physics, metallurgy, and engineering. The appointments would be for 1 year, renewable for a second year if mutually agreeable. In some instances there may be a possibility for continued employment beyond the 2-year postdoctoral appointment if circumstances warrant.

Interested persons should submit a complete résumé, along with names and addresses of three professional references, to:

**Ames Laboratory
Personnel Office
127 Spedding Hall
Iowa State University
Ames, Iowa 50011**

An Equal Opportunity Employer

California Institute of Technology is seeking candidates with Ph.D. in chemistry, geochemistry, or chemical oceanography, and interested in the chemical oceanography of lead, for a **POSTDOCTORAL APPOINTMENT** in C. Patterson's laboratory. The position is conditional on approval of a proposal by NSF. Please write, with résumé, to: **Barclay Kamb, Chairman, Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, Calif. 91125. An Equal Opportunity/Affirmative Action Employer.**

Available immediately—two to four openings for **POSTDOCTORAL ASSISTANTS.** Requirements: biochemistry/biochemical pharmacology with minor in chemistry, organic chemistry with minor in biochemistry/biochemical pharmacology. Experience preferred. Apply to: **Dr. H. L. Gurtsoo, Department of Experimental Therapeutics, Roswell Park Memorial Institute, Buffalo, New York 14263.**

POSTDOCTORAL BIOORGANIC. Isolation and characterization of cross-linked aromatic peptides. Modification, sequence, and biosynthesis of bridges and adjacent residues. Send curriculum vitae and two references to: **Dr. H. Lipke, Biology Department, University of Massachusetts-Boston, Dorchester, Mass. 02125. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

PHYSIOLOGICAL PSYCHOLOGIST, tenure-track appointment: Ph.D. at beginning assistant professor level, starting August 1979.

Priority given to applicant having research interests in electrophysiology. Duties include undergraduate and graduate teaching and initiating research.

Tulane is an Equal Opportunity/Affirmative Action Employer. Send curriculum vitae and three letters of recommendation to: **Chairperson, Physiological Psychology Search Committee, Department of Psychology, 2007 Stern Hall, Tulane University, New Orleans, La. 70118.** Search closes 15 February 1979.

PHYSIOLOGIST

Position available in the Department of Basic Sciences, Peoria School of Medicine, one of the four clinical schools within the University of Illinois College of Medicine. Applicants must have a Ph.D. in physiology and at least 2 years of experience beyond the doctor's degree, preferably with subspecialty in pulmonary or exercise physiology, or other field closely related to clinical practice. Duties will include instructing medical and associated health sciences students, and conducting an independent research program. Must have demonstrated potential for research. Salary to be commensurate with experience and qualifications, with academic rank of assistant or associate professor. Starting date: 1 September 1979 or earlier. Send application and names of three individuals for references before 15 February 1979 to: **Dr. F. J. Grundbacher, Department of Basic Sciences, Peoria School of Medicine, 123 Southwest Glendale Avenue, Peoria, Illinois 61605. The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minority groups and women.**

PHYSIOLOGY—Opportunity for extensive research training in human physiology in a diversified multidisciplinary department leading to Ph.D. Close student-faculty interaction; up-to-date facilities; in city providing fine recreational and cultural environment. University stipends available on competitive basis.

For information and application form write to: **Dr. H. F. Martin, Department of Physiology, Medical University of South Carolina, Charleston, S.C. 29403.** Applicants considered without regard to sex or minority status.

POLYMER PHYSICS/ENGINEERING UNIVERSITY OF FLORIDA

Senior faculty appointment in a leading Materials Science Department increasing polymer emphasis to complement highly regarded metal and ceramic materials programs. Associate or full professor level depending upon experience. Key role for further development of polymer science and engineering curriculum and for research on physical properties of polymers, especially metal-polymer composites and biomedical polymer systems. Seek person from university or industrial research with outstanding record of accomplishment in mechanical and thermodynamic properties, morphology, rheology, and polymer processing with strong interest in fundamental property-structure relationships. *The University of Florida is an Equal Opportunity/Affirmative Action Employer.*

Please send résumé and references by 15 February 1979 to: **Dr. E. P. Goldberg, Department of Materials Science and Engineering, University of Florida, College of Engineering, Gainesville, Florida 32611.**

POSTDOCTORAL FELLOW—Position available in molecular biology of viruses. Strong background in cell culture and biochemistry required. Submit curriculum vitae and references to: **Dr. Charlotte Friend, Center for Experimental Cell Biology, The Mount Sinai School of Medicine, One Gustave L. Levy Place, New York, N.Y. 10029. An Equal Opportunity Employer.**

POSTDOCTORAL POSITION

Ph.D. in physiology, biochemistry, or related field for interdisciplinary research of salivary gland function in ixodid ticks. Research will center on the role of cyclic nucleotides in the secretory process. Excellent laboratory and animal rearing facilities. Pleasant medium-sized community with nearness to large cities. Starting salary: \$14,000 per annum plus fringe benefits. Send résumé and names of references by 15 February to: **Dr. R. C. Essenberg, Department of Biochemistry, Dr. J. R. Sauer, Department of Entomology, Oklahoma State University, Stillwater, Okla. 74074. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

PLANT POPULATION ECOLOGIST

Department of Botany and Plant Sciences, University of California, Riverside, announces a position at the assistant professor level—with both an Experiment Station and academic title, available 1 July 1979. The position is a tenure-track, 11-month appointment in the College of Natural and Agricultural Sciences and in the Agricultural Experiment Station. Ph.D. required; postdoctoral experience preferred, but all qualified candidates will be considered. The appointee is expected to teach an undergraduate course in quantitative plant population or community ecology and to develop a graduate course in area of specialization. Must be willing to serve as major professor to M.S. and Ph.D. students. Must have commitment to research in quantitative ecology of natural and agricultural plant communities and in the genetic changes associated with population dynamics. Must be able to interact with physiological plant ecologists.

Send curriculum vitae and official transcripts and arrange to have at least three letters of recommendation sent to: **Dr. Giles Waines, Search Committee Chairman, Department of Botany and Plant Sciences, University of California, Riverside, Calif. 92521.** Application deadline: 15 February 1979.

An Affirmative Action/Equal Opportunity Employer

POSTDOCTORAL POSITIONS. Interdisciplinary research program in pharmacology which includes studies carried out at the chemical, biochemical, biophysical, morphological, physiological, and clinical levels. Areas of research include studies on the role of vasoactive substances (for example, catecholamines, renin, kinins, and prostaglandins) in control of arterial pressure, the molecular and biophysical basis for cardiac and vascular disease and cardiovascular drug action, metabolism of drugs, action of drug metabolites, new drug development, organoanalytical chemistry, and biomedical mass spectrometry.

Stipends are available and applications from individuals holding the Ph.D. and/or M.D. degree with backgrounds in the biomedical and/or physical sciences should be addressed to: **Postdoctoral Training Committee, Department of Pharmacology, Medical University of South Carolina, 171 Ashley Avenue, Charleston, S.C. 29403.** *Affirmative Action/Equal Opportunity Employer.*

POSTDOCTORAL POSITION available immediately for a Ph.D. interested in engaging in research in the physical biochemistry of chromatin. Salary negotiable depending on experience. Send curriculum vitae and three letters of recommendation to: **Dr. G. Fasman, Graduate Department of Biochemistry, Brandeis University, Waltham, Mass. 02154.** *An Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL POSITIONS

Two fellowships for 2 to 3 years at a starting salary of \$10,000 or higher (depending upon experience) available to study: (i) biochemical regulatory mechanisms in the eye, and (ii) physiology of an ocular transport process. Send curriculum vitae, bibliography, a statement of research interests, and names of three references to: **Dr. Douglas S. Gregory, Search Committee, Department of Ophthalmology and Visual Science, Yale University School of Medicine, New Haven, Connecticut 06510.** *An Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL RESEARCH ASSOCIATE

Study of receptors for **insulin, estrogens, and progesterone** from gynecologic tissues, purification by newly developed high-pressure affinity chromatography resins, characterization by physicochemical and immunological methods. Prior experience desirable. Position (1 to 2 years) available immediately. Salary not less than \$13,000. Please send (before 19 February 1979) résumé and names of three references to:

**John C. M. Tsibris, Ph.D.
Department of Obstetrics-Gynecology
University of Florida
Gainesville, Florida 32610**

POSTDOCTORAL RESEARCH ASSOCIATE position available July 1979. Biochemist or physiologist to study transport properties of plasma membrane vesicles isolated from renal cortex. Salary to \$13,000. Send curriculum vitae and three letters of reference to:

**Dr. Peter Aronson
Departments of Medicine and Physiology
Yale School of Medicine
New Haven, Connecticut 06510**

POSITIONS OPEN

RESEARCH ASSOCIATE EAST-WEST CENTER

The East-West Center is a national educational institution founded by the U.S. Congress in 1960 to promote better relations and understanding among nations through cooperative programs of study, research, and training. Applications and nominations for academic staff positions in the Environment and Policy Institute are being sought. The research associate positions are full-time and may be permanent (subject to successful probationary period) or fixed-term. Applications for research fellow appointments in these areas are also sought. All center programs are multinational and multidisciplinary. Research associates, visiting scholars, professionals, and graduate degree students form teams which work on problems with significant mutual consequences for the United States and nations of Asia and the Pacific.

Candidates must have a Ph.D. or its academic equivalent plus at least 5 years of experience in areas relevant to the institute programs of natural resource and environmental assessment in development planning and assistance and of marine resource and environmental management issues in Asia and the Pacific. Positions are open in the following areas:

- **Policy and management analysis**, focusing on transnational marine resource and management issues or on environmental dimensions of sectoral policies, particularly energy,
- **Geography and resource management**, with emphasis on relating marine resources and activities to jurisdictional patterns or on the management and utilization of terrestrial systems such as forests,
- **Economic analysis**, focusing on current and evolving approaches of resource and environmental economics related to assessment of development activities or of ocean management policy options,
- **Water resources/quality analysis**, focusing on quantification and assessment of water resources in economic development and regional planning in Asia, and
- **Environmental health analysis**, focusing on the direct and indirect effects of environmental factors on human health and welfare particularly in Asia.

Cover letter should give examples of demonstrated ability to: (i) discover knowledge about natural resource and environmental issues, especially at the international level; (ii) develop applications of this knowledge, for example, curricula, educational materials, and policy aids; and (iii) design and implement research and education projects and activities in a team context, preferably multinational. Experience in Asia/Pacific region preferred. Working proficiency in the English language required. Experience in natural resource and environmental analysis and assessment processes desirable. Familiarity with computer modelling and simulation desirable.

Salary commensurate with extent of experience and qualifications. Additional current cost-of-living allowance of 15 percent (subject to change). All nominees will be contacted to determine interest. Applications with cover letter, complete curriculum vitae, and names and addresses of three professional references must be postmarked no later than 1 April 1979. Starting date flexible. Send to: **Joseph J. Beisel, Personnel Officer, Personnel Division, Department 19, East-West Center, 1777 East-West Road, Honolulu, Hawaii 96848.**

An Equal Opportunity Employer, M/F

FACULTY POSITIONS

1979-1980

**KING FAISAL UNIVERSITY
COLLEGE OF MEDICINE
DAMMAM, SAUDI ARABIA**

The expanding College of Medicine, now in its fourth year, is accepting applications from qualified men and women for the 1979-1980 academic year in:

CHEMISTRY	PATHOLOGY
BIOLOGY	COMMUNITY
PHYSICS	MEDICINE
BIOCHEMISTRY	EPIDEMIOLOGY
ANATOMY	MICROBIOLOGY
PHYSIOLOGY	PARASITOLOGY
PHARMACOLOGY	

Doctorate or equivalent degree required. Language of instruction is English. Interviews to be held in London and Houston in late February 1979.

SALARY RANGES (annual, paid monthly in Saudi riyals):

Professor: \$26,118 to \$33,378

Associate Professor: \$23,359 to \$29,712

Assistant Professor: \$19,039 to \$24,757

Lecturer: \$11,906 to \$16,444

(30 percent allowance for M.D. degree)

BENEFITS:

Free furnished housing, educational allowances, airfare to and from Saudi Arabia for family of four, 60-day paid vacation, liberal overweight allowance. No Saudi income tax.

Send two copies of résumé and three references to:

**Dr. Tawfik Tamimi
Dean, Faculty of Medicine
King Faisal University
c/o Saudi Arabian Educational Mission
2221 West Loop, South
Houston, Texas 77027**

OR

**c/o P.O. Box 2
Sunbury on Thames
Middlesex TW16 6EH England**

Academic Position Announcement

Massachusetts Institute of Technology

Department of Aeronautics and Astronautics seeks candidates for position of Assistant Professor in biomedical engineering available July, 1979. Qualifications include strong background in control systems, experimental work in sensory physiology or psychology, and research experience in vestibular function. Position involves teaching in biomedical engineering with applications to aerospace medicine including life support systems, quantitative physiology and biomedical instrumentation. Individual will also conduct research and supervise student thesis work on problems of spatial orientation, flight simulator development, clinical or space bio-instrumentation, postural control or man-machine systems. Send detailed resume to, Professor J. L. Kerrebrock, Room 33-207, M.I.T., Cambridge, MA 02139. M.I.T. is an equal opportunity/affirmative action employer.

POSITIONS OPEN

POSTDOCTORAL RESEARCH ASSOCIATES

Two postdoctoral positions available. Experience desired in (i) intracellular recording and dye injections and/or (ii) ultrastructural studies on an invertebrate nervous system. Send curriculum vitae and names of three references to:

James G. Townsel, Ph.D.
University of Illinois, College of Medicine
131 DMP
1853 West Polk Street
Chicago, Illinois 60612

An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL RESEARCH ASSOCIATE available immediately. Experience in nucleic acid enzymology, recombinant DNA techniques, and/or microbiology with strong biochemical background. To work on mouse ribosomal RNA genes in recombinant DNA and to develop an in vitro transcription system for studying rRNA transcription. Send application and three letters of reference to: **D. W. Stafford, Department of Zoology, University of North Carolina, Chapel Hill, N.C. 27514.** *An Affirmative Action/Equal Opportunity Employer.*

POSTDOCTORAL STAFF ASSOCIATE

Position available immediately for recent Ph.D. in biochemistry or microbiology to work on the mechanism of action of the enzyme hydrogenase and regulation of its activity. Research involves determination of enzyme quaternary structure, induced synthesis of enzyme, mapping the gene and its transfer, and isolation of modified forms of enzyme from mutant bacterial cells. Applicants should have experience in enzymology and microbial genetics. Salary commensurate with experience, renewable for 2 or 3 years.

Send curriculum vitae, bibliography, and names of three references to: **Dr. Alvin I. Krasna, Department of Biochemistry, Columbia University, College of Physicians and Surgeons, 630 West 168 Street, New York, N.Y. 10032.**

Columbia University is an Equal Opportunity/Affirmative Action Employer.

PREDOCTORAL POSITIONS leading to research training in immunology (immunoglobulins; cellular immunity, lymphocyte biology, immunogenetics, complement); oncology (carcinogenesis, tumor immunology); bacteriology (plasmids, genetics, bacterial membranes); molecular biology (gene DNA sequencing, mRNA processing); cell biology (liposomes, membranes, cell fusion); virology (viral persistence, oncology). Available: July to September 1979. Prerequisites: U.S. citizenship, B-plus average, and high GRE scores. Inquiries to: **Dr. Sheldon Dray, Head, Department of Microbiology and Immunology, University of Illinois Medical Center, P.O. Box 6998, Chicago, Illinois 60680.**

RESEARCH ASSOCIATE

The individual will be responsible for all phases of the operation in a tissue culture laboratory, including all isolation, media preparation, and so on. Will be expected to participate in studies concerned both with cell growth and metabolism and cellular ultrastructure. Must have a master's degree in biology or biochemistry with 2 years' experience. Contact:

Personnel Office
The University of Texas Health Science
Center at San Antonio
7703 Floyd Curl Drive
San Antonio, Texas 78284

An Equal Opportunity/Affirmative Action Employer

VISUAL RESEARCHERS are invited to apply for a **STAFF POSITION** available in February 1979. Candidates should hold a doctoral degree, preferably have had postdoctoral training, and have shown the excellence and originality in research expected of a potential leader in their field. Applicants should preferably be experienced with microelectrode and/or electroretinographic techniques. Applicants will be expected to contribute to ongoing research projects concerned with primate retinal information processing, as well as develop new research areas. Send application letter, statement of research interest, and curriculum vitae, with the names of three referees, to: **Dr. William S. Baron, Manager Physiological Optics Program, Laboratory of Psychobiology and Physiology, SRI International, 333 Ravenswood Avenue, Menlo Park, Calif. 94025.** *Equal Opportunity Employer.*

POSITIONS OPEN

RESEARCH ASSOCIATE

A postdoctoral position is available in the laboratory of Dr. Thoru Pederson to participate in a program dealing with hnRNA → mRNA processing, with particular reference to the ribonucleoprotein structure of hnRNA. The position is initially for 2 years, at current NIH stipend levels. Candidates with strong academic backgrounds and training in contemporary cell biology are specifically sought. Send curriculum vitae, the names of three references, and a brief synopsis of thesis research to: **Personnel Office, Dr. Thoru Pederson, Worcester Foundation for Experimental Biology, 222 Maple Avenue, Shrewsbury, Mass. 01545.**

An Equal Opportunity/Affirmative Action Employer

SOLAR PHYSICIST

National Research Council-National Aeronautics and Space Administration

Two postdoctoral or senior postdoctoral Resident Research Associateships at the Jet Propulsion Laboratory, California Institute of Technology, are being offered in the Space Physics Section. These appointments are available in the general area of theoretical solar physics. Awards will be made on a competitive basis, with completed applications due by 15 January 1979, 1 May 1979, or 1 September 1979. Further details on the research program can be obtained from: **B. E. Goldstein (at 213-354-7589), or M. M. Neugebauer (at 213-354-4110), Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, Calif. 91103.**

General information and application materials can be obtained from:

**National Research Council
Associateship Office (JH606-J)
2101 Constitution Avenue, NW
Washington, D.C. 20418**

SENIOR PROGRAM DIRECTOR

The National Academy of Sciences-National Research Council seeks a person who can provide strong leadership to the Postdoctoral Research Associateship Program, a major national program, offering postdoctoral research opportunities in the sciences and engineering in federal laboratories. The successful candidate will exhibit significant experience in working with graduate students and postdoctorals, accomplishment as a scientist demonstrated by publication record, and skill in management and personnel matters. An earned doctorate or its equivalent, preferably in the physical or biological sciences, engineering, or mathematics, is required, and strong academic ties and current knowledge of national trends in graduate education and postdoctoral work are desirable. The appointment will be for an indefinite term. Salary will be commensurate with experience. Reply to:

**Box 79
Commission on Human Resources
National Research Council
2101 Constitution Avenue, NW
Washington, D.C. 20418**

with a curriculum vitae and salary history. Closing date: 7 February 1979.

An Equal Opportunity/Affirmative Action Employer

TECHNOLOGY AND PUBLIC POLICY

The Department of Engineering and Public Policy of Carnegie Institute of Technology, and the School of Urban and Public Affairs and the College of Humanities and Social Science, Carnegie-Mellon University, have one or more joint faculty openings: (i) for **APPLIED SOCIAL SCIENTISTS** interested in doing collaborative policy research with engineers or (ii) for **ENGINEERS** interested in doing collaborative policy research with social scientists. Problem areas of interest include social impacts of computers and telecommunications, product liability and safety, electric power load management, retrospective technology assessment, and energy and environmental systems. Desirable areas of skill include decision analysis, optimization techniques, organizational analysis, and regulatory process and law. Send résumé with list of publications to:

**Dr. M. Granger Morgan
Department of Engineering and Public Policy, 19816
Carnegie-Mellon University
Pittsburgh, Pa. 15213**

POSITIONS OPEN

POSTDOCTORAL POSITION. Protein structure, stability, and assembly. Experience with protein and peptide purification methods desirable. Available 1 July; minimum salary: \$11,000 per annum, renewable. Send résumé and reference letters to: **Professor D. Wetlafer, Department of Chemistry, University of Delaware, Newark, Del. 19711.** *An Equal Opportunity/Affirmative Action Employer.*

The Department of Civil Engineering at Carnegie-Mellon University invites applications for the position of **PROFESSOR** and **DEPARTMENT HEAD**. Applicants should have a strong interest in undergraduate and graduate civil engineering education, administrative experience, and a proven research record in one of the following areas: structural, environmental, or transportation engineering. Applications should be received prior to 1 February 1979 and should be addressed to: **Professor Steven J. Fenves, Search Committee Chairman, Department of Civil Engineering, Carnegie-Mellon University, Schenley Park, Pittsburgh, Pa. 15213.** *An Equal Opportunity/Affirmative Action Employer.*

RESEARCH ASSISTANT PROFESSOR or POSTDOCTORAL ASSOCIATE with experience in protein isolation/phosphorylation, cell genetics, tumor virology, or membranes is sought to work on reaction sequence in early G₁ (growth factors and proteins induced or altered), membrane receptors, transport mechanisms (bacterial/mammalian), or mutant isolation/characterization for membrane and G₁ traits, with: **Dr. Joy Hochstadt, Department of Microbiology, New York Medical College, Valhalla, New York 10595.**

RESEARCH ASSOCIATE

Position available in the laboratory of Dr. Foteos Macrides, a multidisciplinary laboratory studying the neuroendocrinological, neuroanatomical, neurophysiological, and behavioral interrelationships of the olfactory system with the limbic and hypothalamic systems. Candidates should have research experience in immunochemical localization of various peptides/hormones in the hypothalamus, limbic system, and related areas; experience in electron microscopy highly desirable; Ph.D. required. Send résumé and request three referees to send letters of reference to: **Personnel Office, Worcester Foundation for Experimental Biology, 222 Maple Avenue, Shrewsbury, Mass. 01545.**

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RESEARCH ASSOCIATE, Ph.D., to study infant memory using operant conditioning techniques. Active research in animal memory, conditioning, or adult verbal learning preferred. Hiring immediately through 1 July 1979. Send résumé with phone numbers of referees to:

**Dr. Carolyn Rovee-Collier
Psychology Department: Douglass College
Rutgers University
New Brunswick, N.J. 08903**

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TRAINING PROGRAMS

PRE- AND POSTDOCTORAL STUDY IN DEVELOPMENTAL BIOLOGY AND TERATOLOGY, UNIVERSITY OF CINCINNATI

Predocutorial graduate teaching assistantships in developmental biology and National Research Service Award Fellowships in teratology which pay stipends and tuition are currently available to qualified applicants in an interdisciplinary program leading to a Ph.D. degree. Postdoctoral fellowships are also available. Major research interests include developmental genetics of mice, regulation of gene expression in animal cells, RNA structure and function, genetic control of enzyme biosynthesis, differentiation of cell surface antigens, cellular and tissue morphogenesis and effects of teratogens, experimental and human teratology, inborn errors of human metabolism, and cell biology of intestinal absorptions. For details write to: **Dr. Roger E. Ganschow, Institute for Developmental Research, Children's Hospital Medical Center, Cincinnati, Ohio 45229.**

Research

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We seek a bright, aggressive, action-oriented thought leader with strong research interests to fill a challenging position.

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This position reports to the Director of Ophthalmic Research and is accountable for activities encompassing all facets of clinical research. These range from protocol design to study summarization and include investigator selection, study negotiation, monitoring, biostatistical data analyses and data presentations for NDA submission.

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Director of Toxicology

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Reporting to the Vice President of Biological Research, this person will be responsible for all short and long term toxicity studies, reproductive studies and animal care. This individual must be capable of directing a staff of approximately 20 professional and technical personnel.

Send resume in strict confidence to:
Mr. Charles Newman, Employment Manager

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CHAIRMAN, Dept. of Psychiatry, Wayne State University DIRECTOR, Lafayette Clinic

Wayne State University and the Michigan Dept. of Mental Health announce a search process for qualified candidates to fill this joint appointment.

Wayne State University Medical School is one of the largest in the United States, part of a multi-hospital complex. Lafayette Clinic is a psychiatric institute which serves as a research, educational and treatment center for the Department and the University.

The Search Committee is looking for an individual with a balanced background in education, research and administration and with demonstrated leadership skills. Applicants must be Board certified and be eligible for a license to practice in Michigan.

If you are interested in this attractive position, send a letter and C.V. to:

**James Kipfer,
Search Committee
Chairman
The Mental Health
Association in Michigan
27208 Southfield Rd.,
Lathrup Village, Mich. 48076**

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Chief, Medical Neurology Branch

The National Institute of Neurological and Communicative Disorders and Stroke invites nominations and applications for the position of Chief, Medical Neurology Branch. The laboratory is located within the Intramural Clinical Research Program and utilizes laboratory and hospital facilities to conduct a range of basic and clinical research in neurological diseases. Candidates must meet the following mandatory qualifications requirements: an M.D. with 5 years experience (at least 1 year of which must be equivalent to the GS-15 level in the Federal service) in research work in one or more specialty areas such as pharmacology, virology, immunology, pathology, microbiology, biochemistry, and physiology; evidence of significant scientific research and/or clinical achievement in neuroscience, such as publications in leading scientific journals, service on editorial boards of professional journals, consultancies, lectures, etc.; experience in developing a basic biomedical or clinical research program and exercising effective administrative control over the work of professional and supporting staff, including the ability to implement EEO objectives. Desirable qualifications include a high degree of scientific peer recognition; training and education in addition to the M.D.; leadership of a basic or clinical research program; and honors and awards indicative of outstanding contributions to the field of neuroscience. Candidates will be evaluated by a panel of specialists on the extent to which they possess the desirable qualifications.

This position is designated for the Senior Executive Service (subject to the approval of the U.S. Civil Service Commission) with a current salary range of \$44,700 to \$47,500 per annum. The position could also be filled through the Commissioned Corps of the U.S. Public Health Service with the salary level being dependent upon length and breadth of experience.

Nominations and applications should include a Curriculum Vitae, bibliography, SF-171 (Personal Qualifications Statement) and the names of at least two references, and should be submitted by February 19, 1979 to: Dr. Donald B. Calne, Clinical Director, Intramural Research Program, NINCDS, National Institutes of Health, Public Health Service, Building 10, Room 6D-20, 9000 Rockville Pike, Bethesda, Maryland 20014. An Equal Opportunity Employer.

NATIONAL INSTITUTES OF HEALTH

COURSES

MARINE BIOLOGICAL LABORATORY Woods Hole, Massachusetts will conduct a residential laboratory course ELECTRON MICROSCOPY in the BIOLOGICAL SCIENCES 13 to 25 May 1979

This program is intended primarily for scientists who have little or no experience with conventional transmission electron microscopy, but who require it as a research tool. The course emphasizes laboratory practice in microscopy, specimen preparation, and micrograph interpretation. No more than 12 students will be accepted.

The instructors-in-chief are Blair Bowers of NIH and Morton Maser of Marine Biological Laboratory. Guest lecturers include Keith Porter of the University of Colorado (high-voltage EM), Lee Peachey of the University of Pennsylvania (quantitative EM), and Gwen Childs (Moriarty) or Northwestern Medical School (EM cytochemistry).

Other short courses on electron microscopy, scanning electron microscopy, freeze-etching, and diagnostic microscopy will be offered by the laboratory in the spring.



Application materials and additional information are available from: **Office of Admissions, Marine Biological Laboratory, Woods Hole, Mass. 02543; telephone: 617-548-3705.**

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GRADUATE STUDY

GRADUATE TRAINING IN BASIC MEDICAL SCIENCES

The College of Medicine, University of South Alabama, invites applications from qualified individuals interested in pursuing the Ph.D. degree in basic medical sciences. Applications are now being accepted for June 1979 entrance into the graduate program leading to the doctorate with specialization in anatomy, biochemistry, microbiology/immunology, pharmacology, or physiology. This is a unique program designed to accept both qualified nondegree-holding students after only 3 years of appropriate undergraduate study, as well as applicants holding degrees. Fellowships are available which provide tuition and stipends.

For further information write:

**Edwin R. Hughes, M.D.,
Director of Graduate Program in Basic Medical Sciences
Medical Sciences Building, Room 2152
University of South Alabama
Mobile, Alabama 36688**

GRADUATE STUDIES. Medical University of South Carolina. Predoctoral traineeships available for study leading to the Ph.D. degree in the Department of Anatomy, Basic and Clinical Immunology and Microbiology, Biochemistry, Biometry, Pathology, Pharmacology, Physiology, or the interdisciplinary program in Molecular and Cellular Biology and Pathobiology. Stipends are \$3900 per year and are awarded on a competitive basis. For application and catalog, write to: **Dean, College of Graduate Studies, Medical University of South Carolina, 171 Ashley Avenue, Charleston, South Carolina 29403.** The Medical University is an Equal Opportunity/Affirmative Action Employer.

PREDOCTORAL RESEARCH ASSISTANTSHIPS— PLANT GENETICS AND DEVELOPMENT

A research assistantship leading to the Ph.D. degree will be available 15 August 1979 to qualified applicants in each of the following three areas: (i) genetic studies with maize callus and suspension cultures; (ii) genetic, morphological, and embryo culture studies of defective kernel mutants of maize; and (iii) biochemical and ultrastructural studies of the meiotic chromosomes and the synaptonemal complex in *Lilium*. Stipend for a 12-month period is \$5000 and includes payment of out-of-state tuition. Apply before 1 March 1979. Candidates with an M.S. degree should send a résumé, GRE scores for aptitude and advanced tests, official transcripts, and three letters of reference to: **Dr. William F. Sheridan, Department of Biology, University of North Dakota, Grand Forks, North Dakota 58202.**

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GRADUATE STUDY

THE RAND GRADUATE INSTITUTE (RGI)

Invites applications for its doctoral degree program in policy analysis. Deadline for submitting applications for 1979-1980 is 1 March 1979. RGI is part of The Rand Corporation. Its curriculum consists of interdisciplinary study combined with compensated work leading to award of the Ph.D. in policy analysis.

A master's degree or equivalent post-bachelor's degree training and experience is required for admission.

For more information concerning application procedures, write: **The Rand Graduate Institute, 1700 Main Street, Santa Monica, Calif. 90406, or telephone: 213-393-0411.**

GRADUATE TRAINING IN MEDICAL COMPUTING FOR PHYSICIANS

The University of Illinois at Urbana-Champaign College of Medicine and Department of Computer Science are accepting applications for a 2-year program in medical computing, leading to the degree of master of computer science.

All applicants must have an M.D. degree and preferably some residency training. A basic stipend of \$15,000 per year will be provided to qualified applicants.

The Department of Computer Science offers a well-established graduate program with 35 full-time faculty. Research interests include advanced instrumentation, information engineering, image processing, and artificial intelligence. The College of Medicine's Medical Computing Laboratory supports research in interactive medical consultation and other aspects of medical informatics, especially those involved with man-machine interaction.

Inquiries should be directed to: **Allan H. Levy, M.D., 567 Medical Sciences Building, University of Illinois, Urbana, Illinois 61801; telephone: 217-333-2284.**

The University of Illinois is in full compliance with all federal and state nondiscrimination and Equal Opportunity laws, orders and regulations, and will not discriminate against any person in any of its educational programs and activities.

FELLOWSHIPS

POSTDOCTORAL RESEARCH FELLOWSHIP in an NIMH-University of Pennsylvania Program in psychopharmacology and the psychobiology of psychiatric illness. Applicants should be M.D.'s with at least 2 years of psychiatric training or Ph.D.'s in pharmacology, neurobiology, psychology, or a related discipline. Candidates must be citizens or non-citizen nationals of the United States or be permanent residents. Please send curriculum vitae and full details of interest to: **D. Brunswick, Ph.D., Veterans Administration Hospital (151E), Philadelphia, Pennsylvania 19104.**

PREDOCTORAL FELLOWSHIPS

The Division of Experimental Pathology at the University of Kentucky College of Medicine has predoctoral fellowships available to students seeking the Ph.D. degree. An interdisciplinary program is available with research opportunities in the areas of cellular immunology, immunochemistry, tumor immunology, neuroimmunology, molecular and tumor virology, cell biology, and tumor cytogenetics. For further information contact: **Dr. Thomas L. Roszman, Division of Experimental Pathology, Department of Pathology, University of Kentucky, Lexington, Kentucky 40506.**

POSTDOCTORAL FELLOWS: CARDIOVASCULAR. Fellowships (\$10,000 and up) available 1 July 1979, as part of training grant in cardiovascular pharmacology. Areas of research include basic membrane biology and biophysics, study of subcellular organelles, hormone receptors, electropharmacology, vascular muscle contraction, Ca^{2+} - Mg^{2+} -ATPase mechanism, ionophores and drugs in hemodynamic studies. Active research group in many areas of cardiovascular research. For further information write: **Dr. A. L. Bassett, Director of Training Grant, Department of Pharmacology, University of Miami School of Medicine, P.O. Box 016189, Miami, Florida 33101.**

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Postdoctoral fellowship training appointment in radiation oncology at NCI Radiation Cancer Center in the Bluegrass region. NRS fellowship includes clinical and research training and clinical neutron therapy training. Must be U.S. citizen or have permanent immigrant status. Must have M.D. degree, ECFMG, and minimum of 1 year of U.S. training. Three-year training program. Separate program in medical physics for qualified Ph.D. applicants.

Applicants should send curriculum vitae, names of three references, and request application forms from: **Chairman, Radiation Therapy Oncology Center, University of Kentucky Medical Center, 800 Rose Street, Lexington, Ky. 40506.**

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FELLOWSHIPS IN REPRODUCTIVE BIOLOGY (NIH-funded training program) with emphasis in the areas of endocrinology, fertilization, implantation, and placentation are available at both the predoctoral and postdoctoral levels. Predoctoral students may pursue academic programs in the disciplines of anatomy, biochemistry, endocrinology, or physiology leading to the Ph.D. degree with research in the above areas of reproductive biology. Nine participating faculty in five departments in the College of Agricultural and Environmental Sciences, School of Medicine, School of Veterinary Medicine, and California Primate Research Center offer a multidisciplinary approach to problems in reproductive biology. For information, write: **Dr. A. C. Enders, Director, Reproductive Biology Training Program, Department of Human Anatomy, School of Medicine, University of California, Davis, Calif. 95616.**

NEUROIMMUNOLOGY POSTDOCTORAL FELLOWSHIP—One- or 2-year research fellowships available beginning July 1979 and July 1980, supported by NIH training grant. Contact: **Dr. Barry G. W. Arnason, Professor and Chairman, Department of Neurology, The University of Chicago Hospitals and Clinics, 950 East 59 Street, Chicago, Illinois 60637.** An Affirmative Action/Equal Opportunity Employer.

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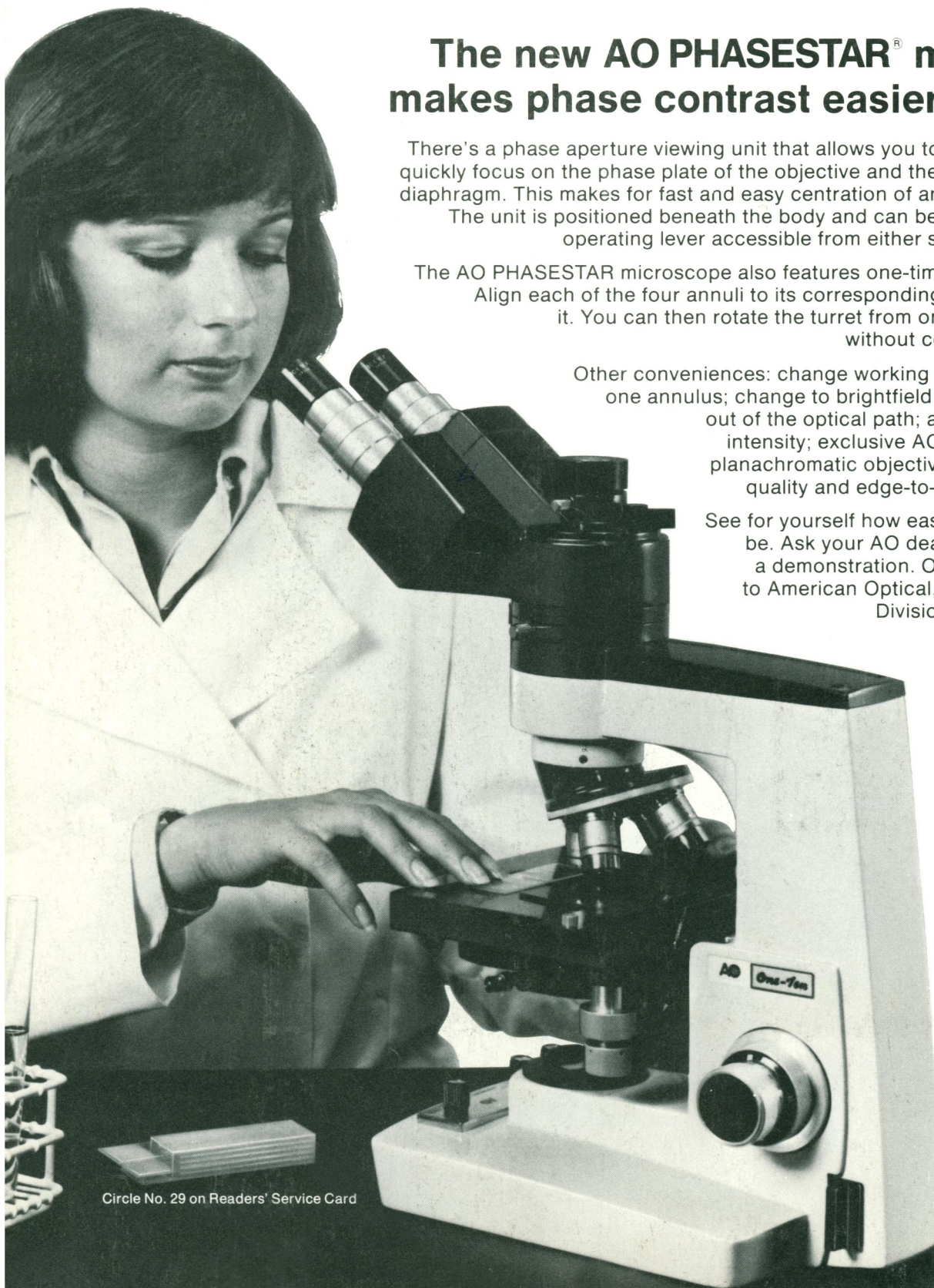
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