

Personnel Placement

SCIENCE publishes each Friday, except the last Friday of the year. Advertising is accepted only in writing; no abbreviations. Also, personnel advertising is accepted only with the understanding that the advertiser does not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sexual preference.

CLASSIFIED ADVERTISING DEADLINES:

29 October issue (mailed 22 October): 8 October
5 November issue (mailed 29 October): 15 October
12 November issue (mailed 5 November): 22 October
19 November issue (mailed 12 November): 29 October

POSITIONS WANTED: 40¢ per word, plus \$4 for use of box number, per insertion. \$10 minimum, per insertion. Prepayment required. This rate is available only to individuals seeking jobs.

DISPLAY (POSITIONS OPEN, COURSES, FELLOWSHIPS, MARKETPLACE, and so forth): \$9 per millimeter; \$225 minimum, per insertion (minimum charge covers 25 millimeters on a single column; 25 millimeters equals 10 lines of 50 spaces per line). No charge for use of box number. No agency commission for ads less than 103 millimeters (4 inches). No cash discount. Prepayment required for all foreign ads. Purchase orders and billing information required for all other advertising.

Send copy for all **Positions Wanted** ads and **Display** ads less than 1/6 page in size (125 millimeters) to:

SCIENCE, Room 107
1515 Massachusetts Avenue, NW
Washington, D.C. 20005
Telephone: 202-467-4456

Send copy for **Display** ads 1/6 page and larger to:

Scherago Associates, Inc.
1515 Broadway
New York, N.Y. 10036
Telephone: 212-730-1050

Blind ad replies should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Avenue, NW
Washington, D.C. 20005

POSITIONS WANTED

Biologist, M.S. Experienced field vertebrate zoologist. Proficiency in radiotelemetry, capture and preservation techniques, statistical analyses, field photography, experimental design. Desires employment providing challenging growth opportunities in exchange for optimal services. Box 274, SCIENCE. X

Licensed professional Chemical Engineer; expertise in evaporation, crystallization plus drying, fermentation, scale-up design, process and project engineering, plant operations, and research and development. Seeks consulting or permanent position. Box 272, SCIENCE. X

Ecologist, Ph.D. Broad research experience in vertebrate and vegetation monitoring, species-habitat relationships, computer data analysis, writing skills. Excellent references and publications. Seeking diverse research position. Box 273, SCIENCE. X

Multidisciplinary Electronics Engineer, three degrees, 70 publications, U.S. citizen with 20 years of microwave, telecommunications, biomedical European experience in governmental/industrial research and international consulting; seeks North American position. Current research interest in biomedical, biomechanical topics. M. Brady, Box 154 Vinderen, Oslo 3, Norway; telephone: (47 2) 148274.
10/8, 15, 22, 29; 11/5, 12

Molecular Biologist: B.S. 1979, University of Michigan. Three years of experience with recombinant DNA technology. Publications. Excellent references. Seeks challenging position on West Coast. Box 271, SCIENCE. X

Pesticide Residue Chemist. Experienced in pesticide residue analysis of animal feed, feed ingredients, fat and other agricultural commodities. Postdoctoral experience. Ph.D. (agronomy) and M.S. (organic chemistry). Telephone: 601-373-0264 after 5 p.m. CDT. Write: Box 267, SCIENCE.
10/8, 15, 22, 29; 11/5

POSITIONS OPEN

AGRICULTURAL or CHEMICAL or MECHANICAL ENGINEER. Career Federal Service. Incumbent will conduct research on methods, techniques, equipment and facilities for handling and storage of grain and oilseeds. Position located at U.S. Grain Marketing Research Laboratory, Manhattan, Kansas. GS-11/12; salary based on qualifications and experience. For applications: J. Brooks, USDA-ARS-B47, 2000 West Pioneer Parkway, Peoria, Ill. 61615. Telephone: 309-671-7319. Candidates must be U.S. citizens. An Equal Opportunity Employer.

ANATOMY, FACULTY POSITION—The Department of Anatomy of the Medical College of Pennsylvania has a tenure-track faculty position available to begin 1 January 1983. Candidate should have postdoctoral experience and significant record of research experience with the capacity to function as an independent investigator in the field of cellular neurophysiology and the ability to teach or to learn to teach medical neuroscience. Rank and salary will depend upon qualifications and experience. Applicants should send a résumé, including statement of research interests and the names of three references, by 1 December 1982 to: Dr. Leonard L. Ross, Chairman, Department of Anatomy, Medical College of Pennsylvania, 3300 Henry Avenue, Philadelphia, Pa. 19129. An Equal Opportunity Employer, M/F.

ANATOMY, FACULTY POSITION. The Department of Anatomy of the Medical College of Pennsylvania has a tenure-track faculty position available beginning 1 January 1983. The candidate should have postdoctoral experience and significant record of research experience, with the capacity to function as an independent investigator in the field of cellular or molecular neurobiology and the ability to teach or to learn to teach medical microscopic anatomy. Rank and salary will depend upon qualifications and experience. Applicants should send a résumé, including a statement of research interests and the names of three references, by 1 December 1982 to: Dr. Leonard L. Ross, Chairman, Department of Anatomy, Medical College of Pennsylvania, 3300 Henry Avenue, Philadelphia, Pa. 19129. An Equal Opportunity Employer, M/F.

Applications are requested for a tenure-track position at the ASSISTANT PROFESSOR level (11-month appointment) in the Department of Botany and Plant Sciences, College of Natural and Agricultural Sciences, University of California, Riverside, with concurrent appointment in the California Agricultural Experiment Station. A Ph.D. is required; postdoctoral experience is preferred, but all qualified candidates will be considered. The successful candidate, with a Ph.D. or postdoctoral training in the physiology of plant development and/or plant biochemistry, will be expected to develop a vigorous, innovative, independent research program, with major emphasis on plant development, maturation, or senescence. Teaching responsibilities will include courses at both undergraduate and/or graduate levels and supervision of graduate students.

Send curriculum vitae and official transcripts, and arrange to have at least three letters of recommendation sent to: Dr. William W. Thomson, Chairman, Plant Physiologist Search Committee, Department of Botany and Plant Sciences, University of California, Riverside, Calif. 92521. Application deadline is 1 January 1983 or later if a suitable applicant has not been selected by this date.

An Affirmative Action/Equal Opportunity Employer

ASSISTANT PROFESSOR OF NUCLEAR ENGINEERING. To join interdisciplinary staff with research, teaching, and service responsibilities. This is a tenure-track position. A doctorate in engineering or the sciences is required; experience in teaching, industry, and/or the military is desirable. Opportunities exist to develop interactive research with national laboratories and private and public entities. We are Equal Opportunity/Affirmative Action Employer. LOUISIANA STATE UNIVERSITY, Nuclear Science Center, Baton Rouge, La. 70803-5820. Dr. Edward N. Lambremont, Director. Telephone: 504-388-2163.

ASSISTANT/ASSOCIATE PROFESSOR OF PHYSIOLOGY. Tenure-track position for established investigator in membrane physiology of cultured cells. The candidate must have experience in tracer kinetics, culturing cells, teaching medical and graduate students, and maintaining a vigorous research program. Send curriculum vitae, a brief statement of research interests, and the names of three references to: Dr. Robert B. Gunn, Chairman, Department of Physiology, Emory University School of Medicine, Atlanta, Ga. 30322. Emory University is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR OF PHYSIOLOGY, Louisiana State University (LSU) Medical Center, New Orleans. Applicant for this tenure-track position should have at least 4 years of postdoctoral experience in whole animal, isolated organ, or tissue metabolism. Appointee will be expected to maintain an independent research program of high quality. Send curriculum vitae and names of three references to: John J. Spitzer, M.D., Professor and Head, Department of Physiology, LSU Medical Center, 1901 Perdido Street, New Orleans, La. 70112.

LSU is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE IN PHARMACOLOGY. Research associate for NIH-supported work on the physiology and chemistry of carbonic anhydrase dependent systems in the reproductive tract and in muscle, and inner ear. Ph.D. and experience in CO₂ chemistry, ion transport, and metabolism. Salary: \$15,000 minimum; maximum negotiable. Position available 1 November 1982. Send applications by 20 October 1982 to: Dr. T. H. Maren, Department of Pharmacology, Box J-267, JHMHC, University of Florida College of Medicine, Gainesville, Fla. 32610. An Equal Opportunity/Affirmative Action Employer.

BENTHIC BIOLOGICAL PROCESSES North Carolina State University, Raleigh

A tenure-track position is available in the Department of Marine, Earth and Atmospheric Sciences at the level of assistant professor. Applications are especially invited from individuals trained in the biological aspects of marine benthic boundary layer processes having interests in: (i) animal-sediment interaction with specific expertise in sedimentary structure or sediment transport; or (ii) chemical dynamics with specific expertise in pore water nutrients or organic geochemistry. A Ph.D. is required. The candidate will be expected to strengthen the graduate teaching and research programs. Applicants should forward a résumé and the names of at least three references to: Dr. Daniel Kamykowski, Chairman, Search Committee, P.O. Box 5068, North Carolina State University, Raleigh, N.C. 27650. Application materials should be sent by 15 November 1982. North Carolina State University is an Equal Opportunity/Affirmative Action Employer.

The Department of Psychology at the University of Texas at Austin has a tenure-track position available for a **BIOPSYCHOLOGIST** in the area of brain mechanisms and behavior. The individual would be responsible for teaching graduate and undergraduate classes in physiological psychology and neuroscience as well as departmental service courses and would be expected to develop an independent program of research. The position is open at the assistant professor level, but others will be considered. Please send curriculum vitae, three letters of recommendation, and publications to **BIOPSYCHOLOGY SEARCH COMMITTEE (ATTENTION: MICHAEL DOMJAN), DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF TEXAS AT AUSTIN, AUSTIN, TEXAS 78712.** An Equal Opportunity/Affirmative Action Employer.

CELL BIOLOGIST trained in growth of human cancer cells in culture and in xenografting in nude mice to join team of immunochemists, biochemists, pathologists, and clinicians interested in research combining cell biology and biological markers with human investigation. Appointments at Harvard and Boston University Schools of Medicine available. Send detailed résumé to Norman Zamcheck, M.D., Director, Cancer Research, Mallory Institute of Pathology Foundation, 784 Massachusetts Avenue, Boston, Massachusetts 02118, or call 617-535-4746. An Equal Opportunity Employer.

CELL BIOLOGIST or BIOCHEMIST

Tenure-track Assistant Professorship, requires setting up active research program and teaching graduate and undergraduate courses. Any area of cell biology or biochemistry will be considered, including molecular biology, membrane or lipid biochemistry, or neurochemistry. Solicit three or more letters of recommendation to be sent, and send curriculum vitae (including both home and business telephone numbers), a summary of current and/or anticipated research, reprints, and a brief statement of teaching interests to: Dr. Karl Wilson, Department of Biological Sciences, State University of New York at Binghamton, Binghamton, New York 13901. Deadline is 1 December 1982. Equal Opportunity/Affirmative Action Employer.