

Personnel Placement

SCIENCE publishes each Friday, except the last Friday of the year. Advertising closing for a particular Friday issue is Wednesday, 3 1/2 weeks before. 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, or handicap.

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): \$8 per millimeter; \$200 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 207
1515 Massachusetts Ave., 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 Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Cancer Research Manager/Administrator/Coordinator. Ten plus years of experience developing, implementing cooperative research/clinical programs. Prepares grant applications in support of unit projects. Initially organized, and operates extensive volunteer subjects program in major U.S. city. Analytical and judgmental strengths. Verbal, writing, public relations abilities and experience. Wishes to relocate to San Francisco Bay area. Box 267, SCIENCE. X

Cell Biologist/Immunologist. Ph.D. Research experience in cyclic nucleotides as related to cancer research. Experience in the development of hybridoma monoclonal antibodies, radioimmunoassay, and immunocytochemistry. Ability to maintain a vigorous research program. Capable of attracting external support. Excellent publications. Teaching. Seeks challenging research or industrial position. Box 423, 1001 Rockville Pike, Rockville, Maryland 20852. 10/30; 11/27

Chemist, M.Sc. (India), Diplom-Chemiker and Ph.D. (1979) from West Germany. Experience in organic, inorganic, complex, analytical, bio-, and clinical chemistry; immunology, hematology. At present working in West Germany; seeking job in research or industry. Box 271, SCIENCE. X

Clinical/Analytical Chemist. Ph.D. 1976. England. Five years of international experience in medical research: diabetes, cancer research, glycoproteins, drugs and metabolites, toxicology. Extensive experience in the application of GC, GC-MS, HPLC, electrofocusing, TLC, UV, AA, and IR in the development of methods. Currently World Health Organization employee. Publications. Desires faculty/senior research position. No agencies please. Box 262, SCIENCE. 10/30; 11/6, 13, 20, 27; 12/4, 11, 18

Toxicologist. Ph.D. Certified with several years of experience in biochemical toxicology, carcinogenesis, mutagenesis, teratogenesis, management of hazard/risk/safety programs, subcontract monitoring. Interested in industrial position—pharmaceutical, agchem, cosmetic, or energy-related. Washington, D.C., area; willing to relocate. Box 275, SCIENCE. X

POSITIONS WANTED

Ph.D., D.V.M. **Human and Animal Physiology.** Designing of medical computers. Academic/research position. New York and suburbs. Box 273, SCIENCE. X

Toxicologist/Pharmacologist. Ph.D. 1971. Two and one-half years of postdoctoral experience in environmental toxicology at NIH. Currently working as research assistant professor of pediatrics and pharmacology in a major university. Publications: developmental pharmacology and toxicology. Wide supervisory and research experience in analytical and biochemical techniques. Desires industrial, institutional, or academic position. Box 274, SCIENCE. X

Veterinary Pathologist. Ph.D., Board-certified (ACVP), 15 years of experience in diagnostic and laboratory animal pathology, including toxicology. Box 246, SCIENCE. X

POSITIONS OPEN

ADMINISTRATIVE DIRECTOR—HOSPITAL LABORATORY. A 152-bed acute-care hospital in central Pennsylvania with a totally new laboratory seeks an administrative director. Qualifications: Ph.D. clinical pathology or related degree with broad technical training in all clinical laboratory areas, structured education in management and specific training in quality assurance, and legal licensing and certification requirements. Salary will be commensurate with experience. Applications, nominations, or requests for additional information should be submitted to: John F. Kennard, M.D., Chief Pathologist, and Matthew J. Jones, Vice President—Administration, Clearfield Hospital, Clearfield, Pa. 16830. Telephone: 814-765-5341.

ANATOMIST. Tenure-track, 9-month appointment at assistant professor level to teach gross anatomy. Active research program essential; grant record desirable; area of research open. Send curriculum vitae, current research and grant status, and the names of three potential referees to: Dr. Leon W. Bone, Search Committee Chairperson, Physiology, Southern Illinois University, Carbondale, Ill. 62901; telephone: 618-453-2745. Application deadline (postmarked by): 7 December 1981. Appointment date: 15 August 1982. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR. The Department of Biochemistry, State University of New York (SUNY), Stony Brook, is seeking candidates for two tenure-track positions at the assistant professor level for September 1982. (One of these positions was advertised in these columns recently.) The selected candidates will be expected to conduct an active, independent, and productive research program and to participate in the teaching activities of the department. Special efforts will be made to fill one of these positions with someone whose research interests are in the areas of enzymology or physical biochemistry. Candidates with research interests in the above areas or in other areas of biochemistry or molecular biology should send their curriculum vitae, bibliography, and names of three references by 1 January 1982 to: Dr. R. Sarma, Chairman, Search Committee, Department of Biochemistry, SUNY, Stony Brook, Stony Brook, N.Y. 11794. SUNY, Stony Brook, is an Equal Opportunity/Affirmative Action Employer. AK Number 180.

ASSISTANT PROFESSORS OF ANATOMY AND PHARMACOLOGY

Applications are invited for two tenure-track positions at the assistant professor level in the MEDICAL SCIENCES PROGRAM of Indiana University School of Medicine—Bloomington. Applicants must have an earned doctoral degree with postdoctoral research experience. The positions require establishing a strong, independent research program and participating in the program's teaching efforts. **Assistant professor of anatomy:** the preferred research interests include ultrastructure and histochemistry of the nervous system. **Assistant professor of pharmacology:** the preferred research interests include biochemical and molecular pharmacology and toxicology. Applicants must submit a curriculum vitae, a brief description of research interests, and three letters of recommendation to: Chairman, Search and Screen Committee, Medical Sciences Program, Indiana University, Bloomington, Indiana 47405.

Deadline for receipt of applications is 7 December 1981. An Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR OF BIOLOGY MICROBIOLOGIST

The Biology Department of Whitman College will make a tenure-track appointment at the assistant professor level for September 1982. The successful applicant will have a Ph.D. (or be in the final stages of completion) and expertise in microbiology. Primary responsibilities include teaching a microbiology course and a course for nonmajors. Two other biology courses complementary to present departmental offerings will also be taught. Send letter of application (including statement of the applicant's philosophy of the role of biology in a liberal arts curriculum), copies of transcripts, course outlines of proposed courses, curriculum vitae, and three letters of reference to: Dr. Charles M. Drabek, Biology Department, Whitman College, Walla Walla, Washington 99362.

Whitman College is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR RESEARCH POSITION IN FOREST BIOCHEMISTRY; application of hormone analytical techniques to forest trees and organ cultures derived from them. Starting date: 1 March 1982. Ph.D. in chemistry and substantial experience in plant hormone analysis applied to conifers. Twelve-month, fixed-term position. Salary: \$25,000 to \$27,000 per annum. Closing date: 1 January 1982. To apply, send letter, résumé, transcripts, and three letters of recommendation to: Dr. John C. Gordon, Head, Department of Forest Science, Oregon State University, Corvallis, Oregon 97331. An Affirmative Action/Equal Opportunity Employer in compliance with Section 504 of the Rehabilitation Act of 1973.

The Department of Pathology of the Dartmouth-Hitchcock Medical Center is searching for a person at the ASSISTANT PROFESSOR level who is AP/CP Board-certified or Board-eligible to work in the area of the application and processing of clinical laboratory information and the development of cancer screening surveys. This person should have expertise in the use of computers, applied statistics, and a special interest in immunohematology. Also required would be background in the application of medical decision-making techniques. Please direct inquiries to: Howard M. Rawsley, M.D., Department of Pathology, Dartmouth-Hitchcock Medical Center, Hanover, N.H. 03755. Equal Opportunity/Affirmative Action Employer.

BACTERIOLOGIST. Tenure-track position for assistant professor in the Department of Biology. Broadly trained bacteriologist expected to develop and maintain a vigorous, externally funded program of research in microbial ecology or physiology. Start-up funds will be provided. Teaching responsibilities include a course in general microbiology. Send curriculum vitae and letters of recommendation before 15 December 1981 to: Dr. D. L. Rohlfling, Department of Biology, University of South Carolina, Columbia, S.C. 29208. An Equal Opportunity/Affirmative Action Employer.

BIOCHEMIST

Postdoctoral fellow or research associate to study the structure of intestinal mucins and participate in the preparation of monoclonal antibodies to synthetic antigens reflecting structural features of saccharide moieties of mucins from normal and neoplastic tissues of human colon. Appointee(s) will join a team involved in research in basic causes and prevention of colon cancer. Duration of appointment and salary are negotiable. Send curriculum vitae and names of three referees to: Dr. J. J. Krepinsky, Ludwig Institute for Cancer Research, 9 Earl Street, Toronto, Ontario, Canada M4Y 1M4. Telephone: 416-978-3702.

BIOCHEMIST/IMMUNOCHEMIST RESEARCH SCIENTIST

We are seeking an individual with a Ph.D. degree in biochemistry, immunology, or a related science to oversee the development of new immuno-diagnostic reagents. Persons with postdoctoral research experience in the following areas are urged to apply: antibody production and purification (including mouse monoclonals), chemical modification (conjugation) of immunoglobulins, RIA and EIA development and complement-mediated lysis of natural and/or artificial membranes. We offer excellent salary and benefits and the opportunity for career growth in a rapidly developing biotechnology company located in San Francisco Bay area. Send curriculum vitae and salary requirements to: Sally Davenport, Cooper-Lipotech, Inc., 1030 Curtis Street, Menlo Park, Calif. 94025.