

Personnel Placement

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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

Biochemist/Physiologist, Ph.D. 1981. Research background in phospholipid metabolism of phagocytes. Experience in enzyme purification, cell fractionation, cell culture, TLC, and HPLC. One year of postdoctoral experience. Seeks industrial, teaching, or research position. Will relocate. References on request. Box 234, SCIENCE. X

Biochemist: Ph.D. 1980. Experienced in electron spin resonance, circular dichroism, magnetic circular dichroism, protein purification, and anaerobic technique. Some experience with bacterial culture and mutagenesis. Seeking research and development or academic position. Box 247, SCIENCE. 10/2, 16

Biochemist/Cell Physiologist, M.D. Postdoctoral training and independent research in mitochondrial biochemistry. Current work on cellular metabolic status and calcium homeostasis is NIH-funded. Substantial medical center teaching in metabolism. Seeks basic science position with collaborative research opportunities. Box 248, SCIENCE. 10/2, 9

Microbial Physiologist/Soil Microbiologist/Biochemist (Ph.D.). Experience in selection and isolation of specific microorganisms; induction and selection of mutants; degradation of pollutants in soil and water; toxicity of chemicals to microorganisms; microbial synthesis of radiolabeled compounds; plant cell tissue culture; small-scale fermentations; and veterinary pharmaceutical production. Supervisory and management experience. Desires laboratory-oriented or group leader position in industry. Midwest preferred. Box 244, SCIENCE. 10/2, 16

Neurophysiologist, Ph.D. Assistant research professor with teaching experience and good publishing record seeks tenure-track position in university basic science department. Research interest is spinal cord physiology. Methods include electrophysiological studies in tissue culture and slice preparations of vertebrate central nervous system. Box 249, SCIENCE. 10/2, 9, 16

Veterinary Pathologist, Ph.D., Board-certified (ACVP), 15 years of experience in diagnostic and laboratory animal pathology, including toxicology. Box 246, SCIENCE. 10/2, 16, 30

POSITIONS OPEN

UNIVERSITY OF WISCONSIN-MADISON AQUATIC BIOLOGY

One **RESEARCH ASSOCIATE** (postdoctoral) and one **SPECIALIST** (B.S. or M.S. level) positions available immediately. Project involves the microbiological and integrated control of Eurasian water-milfoil and the impact of these strategies on water quality. Experience in plant pathology, microbiology, water chemistry, aquatic botany, or limnology desirable. Funding for at least 2 years. Salaries commensurate with qualifications. Send résumé, transcripts, and three letters of recommendation to: **Dr. J. H. Andrews, Department of Plant Pathology, University of Wisconsin-Madison, 1630 Linden Drive, Madison, Wisc. 53706. An Affirmative Action/Equal Opportunity Employer.**

UNIVERSITY OF WISCONSIN-MADISON MICROBIAL ECOLOGY

RESEARCH ASSOCIATE (postdoctoral) position in population dynamics of phylloplane microbial antagonists to a foliar plant pathogen. Experience in plant pathology, microbial ecology, microbiology, or mycology desirable. Funding for at least 16 months. Salary commensurate with qualifications. Send résumé, transcripts, and three letters of recommendation to: **Dr. J. H. Andrews, Department of Plant Pathology, University of Wisconsin-Madison, 1630 Linden Drive, Madison, Wisc. 53706. An Affirmative Action/Equal Opportunity Employer.**

DEPARTMENT OF ASTRONOMY UNIVERSITY OF MINNESOTA

Applications are invited for one or two tenure-track assistant professorships available for September 1982. We seek candidates whose research interests will complement the current activities in the department. Current research emphasizes optical, infrared, and radio astronomy, infrared and optical instrumentation, theoretical astrophysics, radio interferometry and image processing techniques, studies of normal and active galaxies, galactic structure, and stars and stellar evolution. Candidates are invited to address applications (including curriculum vitae and bibliography) and to arrange for three letters of recommendation to be sent to: **Dr. T. W. Jones, Acting Chairman, Department of Astronomy, School of Physics and Astronomy, University of Minnesota, 116 Church Street, SE, Minneapolis, Minn. 55455. Application deadline is 1 December 1981. The University of Minnesota is an Equal Opportunity Educator and Employer and specifically invites and encourages applications from women and minorities.**

DEPARTMENT OF ASTRONOMY UNIVERSITY OF MINNESOTA

Applications are invited for the position of **chairman** of the department starting in September 1982. Preference will be given to senior scientists with a strong record of creative research. Current research in the department emphasizes optical, infrared, and radio astronomy, infrared and optical instrumentation, theoretical astrophysics, radio interferometry and image processing techniques, studies of normal and active galaxies, galactic structure, and stars and stellar evolution. Candidates should send applications to: **Chairman of the Search Committee, Department of Astronomy, School of Physics and Astronomy, University of Minnesota, 116 Church Street, SE, Minneapolis, Minnesota 55455. Application deadline is 1 December 1981. The University of Minnesota is an Equal Opportunity Educator and Employer and specifically invites and encourages applications from women and minorities.**

ASSISTANT PROFESSOR IN EUKARYOTIC MOLECULAR BIOLOGY

The Department of Biological Sciences will make a tenure-track appointment for fall 1982. Candidates must have postdoctoral training in **recombinant DNA technology**. Appointee is expected to continue a productive research program in a **eukaryotic system** and to teach at the graduate and undergraduate levels. The department contains an active group of molecular and cellular biologists. Funds provided to initiate research. Send curriculum vitae, future research interests, and names of three referees to:

Professor Paul S. Lovett
Department of Biological Sciences
University of Maryland Baltimore County (UMBC)
Catonsville, Maryland 21228

UMBC is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSORS OF BIOCHEMISTRY. The Department of Biochemistry and Molecular Biology, Louisiana State University (LSU) Medical Center in Shreveport, invites applications for three tenure-track positions at the assistant professor level. Candidates with a strong background in molecular biology are especially encouraged to apply but outstanding candidates in other areas will definitely be considered. Applicants should submit complete curriculum vitae and description of future research program and have three letters of reference sent by 15 November 1981 to: **Dr. Guilford Rudolph, Department of Biochemistry, LSU Medical Center, Box 33932, Shreveport, La. 71130. Equal Opportunity Employer.**

Harvard University ASSISTANT PROFESSOR CELLULAR AND DEVELOPMENTAL BIOLOGY

The new CDB Department at Harvard University will be making an appointment at the assistant professor level during the coming academic year. The specific area of specialization within the area of cellular and developmental biology is less important than the candidate's excellence. Salaries for assistant professors in the 1981-1982 budget year range from \$20,600 to \$24,000. Complete applications and three letters of recommendation should be sent by 1 November 1981 to:

Chairperson, CDB Search Committee
The Biological Laboratories
Harvard University
16 Divinity Avenue
Cambridge, Mass. 02138

Harvard University is an Equal Opportunity Employer.

A tenure-track position for an **ASSISTANT PROFESSOR OF NEUROLOGY** (neuroscience) is available in the Department of Neurology, Stanford University School of Medicine, beginning 1 July 1982. Qualifications should include skills as a teacher, at least 2 years of postdoctoral training and experience, a significant record of research accomplishment, and the capacity to function as an independent investigator. Interests and skills in membrane biophysics, or cellular neurophysiology and neuroanatomy with developmental emphasis, or cellular neuropharmacology are preferred. Space and start-up support are available to interact in programs dealing with cortical development, epilepsy, neuronal structure, and membrane physiology. Candidates should send curriculum vitae and names of three referees to: **David A. Prince, M.D., Professor and Chairman, Department of Neurology, Stanford Medical Center, Stanford, California 94305.**

Stanford University is an Equal Opportunity Employer and welcomes nominations of women and minority group members and applications from them.

The Department of Chemistry, University of Notre Dame, invites applications for a tenure-track position, starting September 1982, in the area of **BIOCHEMISTRY**. The appointment is expected to be made at the assistant professor level, but exceptional applicants at other levels will be considered. A strong interest and potential of excellence in both teaching and research are expected. Areas of research are not specified, but preference will be given to candidates whose research interests are best suited to existing programs and to expanding physical facilities, including a new research building, of the department. Teaching responsibilities will be at both the undergraduate and graduate levels. Send résumé, three letters of recommendation, and summary of research plans to: **Dr. R. K. Bretthauer, Department of Chemistry, University of Notre Dame, Notre Dame, Ind. 46556. The University of Notre Dame is an Equal Opportunity/Affirmative Action Employer.**

INORGANIC CHEMISTRY. A tenure-track position is available for September 1982. The appointment is expected to be made at the assistant professor level, but exceptional candidates at other levels will be considered. Preference will be given to candidates in the fields of organometallic and analytical chemistry. Strong interests and potential of excellence in both teaching and research are expected. Applications will be accepted up to 1 December 1981. Send résumé, three letters of recommendation, and summary of research plans to: **Dr. R. K. Bretthauer, Department of Chemistry, University of Notre Dame, Notre Dame, Ind. 46556. The University of Notre Dame is an Equal Opportunity/Affirmative Action Employer.**