

POSITIONS WANTED

Biomedical Communications. Published scholar; full professor; ongoing major research; NIH grantee for 6 years; experience with minority, international students. Seeks research/teaching in medical school, biology department. Box 297, SCIENCE. 11/12, 19

Cell Sorting/Analysis. Biophysics Ph.D. Experience in flow cytometric applications of fluorescent probes and monoclonal antibodies for identification of differentiation and growth receptors in bone marrow and leukemia. Doctoral experience in electron spin resonance, lipid analysis, chromatography, human tumor culture, and nude mice as applied to biomembrane research. Seeks challenging position providing professional growth opportunities. Box 304, SCIENCE. 11/12; 12/3

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) 148247. X

Ph.D. Engineering, P.E., water resources, hydrology, ecology, environmental chemistry. Many years of teaching, program leadership, and full-time research. Very strong executive manager. Box 295, SCIENCE. 11/12, 19

Malacologist. Ph.D. 1982. Research experience and publications in molluscan morphology, systematics, and evolution; aquatic ecology. Seeks challenging research/teaching position (museum or university) involving survey and study of freshwater biota. Contact: R. Hershler, 20 Ward Street, Floral Park, N.Y. 11001. Telephone: 516-328-3174. X

Microbiologist. New Ph.D., with industry experience at B.S. level, desires research position in industry. Experience in monoclonal antibody production against viral antigens and development of immunoassays. Telephone: 515-233-4756, or Box 296, SCIENCE. X

Ph.D. Physicist seeks position, research and/or teaching. Areas of interest: general relativity, cosmology, quantum field theory, elementary particle physics, quantum gravity, foundations of physics. Decent office space a must. Résumé, references available upon request. Prefers western United States. V. B. Jhangiani, Department of Mathematics, University of California, Santa Barbara, Calif. 93106. X

Recombinant DNA. Research assistant. B.S. University of Michigan. Three years of experience. Publications. Excellent references. Relocating to New York City. Telephone: 313-763-3195 C.D., or write: Box 306; SCIENCE. 11/12, 19

Versatile Research Microbiologist (M.S.) and multifaceted individual seeks challenge and responsibility with opportunity for advancement. Also, experienced editor, designer, technical writer, and writing advisor. Operating own part-time direct sales and service business. Louise Loudon (formerly M. Louise Brock), 7225A Amherst, St. Louis, Mo. 63130. Telephone: 314-725-8284. 11/12, 19, 26; 12/3

POSITIONS OPEN

ASSISTANT RESEARCH PSYCHOLOGIST UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Nontenure-track position available on or before 1 January 1983, in multidisciplinary laboratory to conduct ongoing study of human responses to artificial lighting and other environmental factors. Particular emphasis is on behavioral effects and physiological reactions.

Applicants should have a Ph.D. in psychology, physiological psychology, behavioral toxicology, or equivalent, as well as background experience in human testing, experimental design (especially single subject designs), and statistics with interest in behavioral toxicology.

Applicants should send curriculum vitae to:

Don L. Jewett, M.D., D. Phil.
Room U-471

University of California, San Francisco
San Francisco, Calif. 94143

University of California, San Francisco: Affirmative Action/Equal Opportunity Employer, M/W/H/V.

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POSITIONS OPEN

ASSISTANT PROFESSORSHIP

Applications are invited for a tenure-track assistant professorship in the Department of Biochemistry and Biophysics, Iowa State University (ISU), to begin fall 1983. Duties include teaching undergraduate and graduate courses and conducting an independent research program. Research interests should be within the broad areas of biochemistry, biophysics, or molecular biology. Qualifications include a Ph.D. degree and a record of excellence and productivity in scholarly work. Résumé and three letters of reference should be sent to: **Professor Jon B. Applequist, Search Committee Chairman, Department of Biochemistry and Biophysics, Iowa State University, Ames, Iowa 50011.** Complete application materials should be received by 31 January 1983, to be considered. ISU is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT, ASSOCIATE, OR FULL SPECIALIST

The Department of Agronomy and Range Science invites applications for an assistant, associate, or full specialist at the University of California/Agricultural Experiment Station, Davis, California. This academic, nontenured 11-month position acts as Agronomist-in-Charge of Field Research Operations. Position commences 1 March 1983. It requires budgetary and operational management of the 700-acre irrigated Agronomy Research Farm at Davis and the department's greenhouse and growth chamber facilities. Opportunity for research in crop management is available. A M.S. or Ph.D. in agronomy or closely related discipline and the ability to be able to work well with people is required. Experience in crop production and facilities management is desirable. The level of appointment will be commensurate with the candidate's experience. Send a statement of research interests, curriculum vitae, transcripts, list of publications, reprints, and the names and addresses of three references by 1 January 1983 to:

R. B. Ball
Search Committee Chair
Department of Agronomy and Range Science
University of California
Davis, Calif. 95616

The University of California is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, BIOCHEMISTRY. Applications are invited for a position at the assistant professor level (tenure-track) in the Department of Biochemistry, New York University (NYU) School of Medicine. Duties will include teaching medical and graduate students.

Applicants must be strongly motivated toward research. Preference will be given to those interested in genetic recombination, chromosome structure, molecular genetics, and mechanisms of gene expression at the genetic and molecular level in prokaryotic or eukaryotic systems. Consideration will also be given to candidates with an interest in nucleic acids and protein chemistry.

In applying, please send curriculum vitae, a brief statement of research interests (one to two pages only), and names of four referees to: **Professor G. Nigel Godson, Chairman, Department of Biochemistry, New York University Medical Center, 550 First Avenue, New York, N.Y. 10016.** Deadline: 15 December 1982. NYU is an Affirmative Action/Equal Opportunity Employer.

NATIONAL SCIENCE FOUNDATION (NSF)

The NSF, Division of Atmospheric Sciences, is seeking qualified candidates for a 2-year rotational appointment as **ASSOCIATE PROGRAM DIRECTOR** for the Meteorology Program, Grant Programs Section, Division of Atmospheric Sciences. This position is exempted from the competitive civil service at the GG-13/14 level (equivalent to the GS-13/14), \$34,930 to \$53,661 per annum, based on professional qualifications and experience. Responsibilities include supplementing the scientific background of the program director and assisting in directing the scientific activities including allocation of resources, establishing overall goals and objectives, evaluating proposals, preparing recommendations for grants, and monitoring the progress of funded projects. Candidates should have a Ph.D. or its equivalent in meteorology and at least 6 years of research experience with some demonstrated administrative experience. Submit résumés to: **National Science Foundation, Personnel Administration Branch, Room 212, 1800 G Street, NW, Washington, D.C. 20550; Attention: E. Paul Broglio, EX 83-1.** For further information, telephone: 202-357-7841.

POSITIONS OPEN

ASSISTANT PROFESSOR OF BIOLOGICAL SCIENCES

QUALIFICATIONS: Ph.D. in microbiology with a specialization in microbial physiology.

RESPONSIBILITIES: Teaching elementary microbiology (freshman level), advanced microbiology (upper division/graduate level), courses in microbial physiology (upper division and graduate level), and participation in group teaching within the department. Although teaching experience is not an absolute requirement, it will be considered in the evaluation of all applications. Responsibilities will include the development of an active research program. Communication skills and a commitment to departmental affairs, teaching, and research are essential.

SALARY: Negotiable.

DATE AVAILABLE: August 1983.

APPLICATION: Forward application materials (official) transcripts, curriculum vitae, and three letters of recommendation) to:

**Dr. James D. Yarbrough, Professor and Head
Department of Biological Sciences
Mississippi State University
P.O. Drawer GY
Mississippi State, Miss. 39762**

APPLICATION DEADLINE: 1 February 1983.

Mississippi State University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF BIOLOGY

Applications are invited for an assistant professor of biology in the area of molecular genetics. Individuals with a strong background in virology and host-parasite interactions are particularly being sought. The successful applicant will be required to teach undergraduate courses in introductory and molecular genetics, and to initiate a strong research programme.

The appointment will be effective 1 January 1983. Applications, which should include full curriculum vitae, list of publications, and the names of three referees, should be sent no later than 30 November 1982 to:

**Dr. G. R. South
Head, Department of Biology
Memorial University of Newfoundland
St. John's, Newfoundland, Canada A1B 3X9**

In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.

ASSISTANT PROFESSOR BIOPHYSICS OR BIOPHYSICAL CHEMISTRY NATIONAL BIOMEDICAL ESR CENTER MEDICAL COLLEGE OF WISCONSIN

The successful candidate will be expected to develop an independent research program based in part on electron spin resonance spectroscopy. Persons with strong ESR credentials and training in other biomedical disciplines are also invited to apply. Send curriculum vitae to: **Professor James S. Hyde, Director, National Biomedical ESR Center, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, Wis. 53226.** Equal Opportunity/Affirmative Action Employer, M/F.

ASSISTANT RESEARCHER, Cancer Center of Hawaii, University of Hawaii, federal funds, nontenured. Duties: conduct independent research in the area of cell/molecular biology with particular emphasis related to cancer. Particular research areas of interest would be those associated with tumor cell surfaces, metastasis, and mechanisms of cell aggregation. Minimum qualifications: Ph.D. in relevant field with 2 to 3 years of postdoctoral experience in some area of cancer biology research. Monthly salary: \$1635 minimum. Send curriculum vitae to: **Dr. T. Humphreys, Cancer Center of Hawaii, 1236 Lauhala Street, Honolulu, Hawaii 96813.** Closing date: 1 December 1982.

ASTRONOMY

Pending final budgetary approval, the Department of Astronomy of the University of California at Berkeley expects to make one tenure-track appointment in astronomy/astrophysics at the assistant professor level, effective 1 July 1983. Applicants should send, as soon as possible, curriculum vitae, bibliography, and a brief statement of research interests, and names of at least three references to: **Chairman Hyron Spinrad, Department of Astronomy, University of California, Berkeley, California 94720.** All materials should be received by 1 December 1982.

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