

POSITIONS OPEN

ANATOMIST, ASSISTANT PROFESSOR, tenure-track. Primary teaching, neuroanatomy; secondary, assist in gross anatomy laboratory. Research open; preference for neuroscience or cell biology projects utilizing TEM, SEM, cytochemistry, and/or immunocytochemistry. Please submit curriculum vitae, outline of research interests, and names of three references to: **Dr. William E. Dossel, Chairman, Anatomy Department, Creighton University School of Medicine, 2500 California, Omaha, NE 68178.**

ANATOMY FACULTY POSITION

Ph.D. or equivalent. Anatomist to teach neuroanatomy and assist in teaching gross anatomy to first-year medical students. Primary interest should be in developing teaching excellence. Development of a research program with eventual independent funding is encouraged. Research interests are open. Salary commensurate with qualifications and rank. Send curriculum vitae and three references by 5 December 1986 to:

Dr. Tage Kvist
Assistant Dean for Basic Sciences
Department of Anatomy
Philadelphia College of Osteopathic Medicine
(PCOM)
4150 City Avenue
Philadelphia, PA 19131

Starting date as early as 1 January 1987. PCOM is an Equal Opportunity Employer.

MARINE SCIENCE ASSISTANT DIRECTOR.

The Louisiana Universities Marine Consortium (LUMCON) invites applicants for the position of assistant director of the Louisiana Universities Marine Center, a recently completed research and education facility on the Gulf coast. The Marine Center has a resident research staff and provides facilities for the research and educational programs of the 13-member universities of the consortium. Applicants should hold the Ph.D. and have extensive research experience in an area of coastal marine science, especially fisheries biology, toxicology, or environmental chemistry. Experience in academic administration or research project management is desired. The assistant director will be responsible for overseeing the research and instructional programs of the Marine Center under the guidance of the executive director of the consortium. The incumbent will also be expected to maintain an active research program and a faculty affiliation with one or more member institutions.

Applicants should submit a résumé, statement of career and research interests, and the names of three references by 5 December to: **Dr. Donald F. Boesch, Executive Director, Louisiana Universities Marine Consortium, Chauvin, LA 70344.**

An Equal Opportunity/Affirmative Action Employer

Cornell University, Ithaca, invites applicants for a tenure-track **ASSISTANT PROFESSOR** position with research (75 percent) and teaching (25 percent) responsibilities. The appointee is expected to develop a strong, creative research program on the study of phytopathogenic bacteria within which the specific area of research is unrestricted. The teaching involves a graduate course in contemporary phytobacteriology. A Ph.D. in plant pathology, microbiology, genetics, or related discipline is required. An applicant should be experienced in molecular biology and with plant-associated bacteria. Submit a letter of application stating career goals, transcripts, a résumé, and have four letters of recommendation sent to: **H. D. VenEtten, Department Plant Pathology, Cornell University, Ithaca, NY 14853**, by 1 February 1987.

An Affirmative Action/Equal Opportunity Employer

ASSISTANT PROFESSOR, tenure track beginning 1 July 1987. Established research record and expertise to develop an independent research program in some area of cardiopulmonary physiology required. Must demonstrate potential for quality teaching of medical and graduate students. Deadline 1 February 1987. Submit curriculum vitae, statement of research goals, and three references to: **Dr. Albert Ratner, Physiology Department, University of New Mexico, Albuquerque, NM 87131.** *Affirmative Action Equal Opportunity Employer.*

POSITIONS OPEN

Search extended—**ASSISTANT PROFESSOR—Botany/Biology Department, North Dakota State University (NDSU)** invites applications for a 9-month, tenure-track position in **PLANT MOLECULAR BIOLOGY**. Responsibilities will include the development of a creative and vigorous research program leading to publications and extramural funding and participation in undergraduate and graduate teaching programs. Preference will be given to candidates who can document abilities in molecular approaches to research in interspecies gene transfer or gene regulation. Teaching assignments could include developmental, molecular, or plant physiology courses. Candidates must have a Ph.D. degree; teaching and/or postdoctoral experience is desirable. Applications should include curriculum vitae and a statement of teaching philosophy and research goals. Send application and make arrangements to have three letters of recommendation sent to: **Dr. Donald S. Galitz, Botany/Biology Department, North Dakota State University, Fargo, ND 58105**, by 1 December 1986. *NDSU is an Equal Opportunity Employer.*

ASSISTANT/ASSOCIATE PROFESSOR MOLECULAR PARASITOLOGY UNIVERSITY OF CALIFORNIA LOS ANGELES (UCLA)

The Department of Microbiology and Immunology at UCLA School of Medicine is seeking a tenure-track assistant-associate professor in the area of molecular parasitology. Outstanding candidates with a Ph.D. and postdoctoral experience having a significant publication record are invited to apply. The successful candidate will join a group of vigorous faculty members and will take part in developing a program in parasitology to which the department is committed. He/she is expected to develop a strong and independent research program in molecular parasitology and will participate in teaching medical and graduate students. Salary is negotiable. Apply by 15 February 1987, with a detailed curriculum vitae, copies of two recent publications, a brief outline of a future research plan and three references to: **Dr. D. P. Nayak, Chairman, Parasitology Search Committee, Department of Microbiology and Immunology, UCLA School of Medicine, Los Angeles, CA 90024.** *UCLA is an Affirmative Action and Equal Opportunity Employer.*

PHARMACOLOGY—UNIVERSITY OF PENNSYLVANIA. The Department of Pharmacology has openings for new faculty. Emphasis is on recruitment at the rank of **ASSISTANT PROFESSOR**. Applicants must have an advanced degree and at least 2 years of postdoctoral research experience. Preference will be given to individuals with backgrounds in molecular or cellular pharmacology, but applications from outstanding candidates in any area relevant to pharmacology will be welcome. Renovated laboratory space and reasonable start-up funds are available. *Applications from female and minority persons are especially encouraged.* Inquiries should include curriculum vitae, list of publications, reprints or preprints of selected papers, and a brief statement on career goals. They should be addressed to: **Dr. Marilyn Hess, Chair, Faculty Search Committee, Department of Pharmacology, University of Pennsylvania School of Medicine, Philadelphia, PA 19104-6084.** *The University of Pennsylvania is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR: Georgia Southern College has a tenure-track faculty position effective September 1987, for an insect geneticist, particularly with expertise in cyto/molecular and mosquito genetics. Teaching duties will include general biology, cell biology, and graduate/undergraduate genetics. Ph.D. required, postdoctoral research experience preferred. A commitment to quality in both teaching and research will be expected.

Send applications by 28 November 1986 with curriculum vitae, statements of personal teaching philosophy and research interests, transcripts, and names of three references (letters of recommendation will be requested from the top candidates at a later date) to: **Dr. J. B. Claiborne, Faculty Search Committee, Department of Biology, Georgia Southern College, Statesboro, GA 30460-8042.** *Georgia Southern is an Equal Opportunity/Affirmative Action Employer and specifically invites and encourages applications from women and minorities.*

POSITIONS OPEN

The State University of New York (SUNY) at Purchase invites applications for a tenure-track position as **ASSISTANT PROFESSOR IN BIOLOGY** to begin 1 September 1987. Teaching duties will include animal physiology, human anatomy and physiology, vertebrate zoology, and/or histology. Ph.D. required. An active research program and the ability to engage and supervise undergraduates in baccalaureate thesis research are essential. Liberal fringe benefits, including TIAA/CREF. Send curriculum vitae and names of three references by 15 December to:

**Biology Search Committee
SUNY Purchase
Purchase, NY 10577**

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ASSISTANT PROFESSOR OF BIOCHEMISTRY (RESEARCH ANTICIPATED)

The Department of Biochemistry, Louisiana State University (LSU), seeks applicants for a non-tenure-track faculty position at the level of assistant professor (research). Candidates will require a Ph.D. in biochemistry or a related field and 1 to 2 years of postdoctoral experience with an established record of productivity. The area of expertise would be in the use of recombinant DNA technology and the application will be in glycosyl hydrolase and transferase enzymes, molecular cloning, and expression. Applicants should send curriculum vitae and three letters of recommendation by 28 November 1986 to:

**Roger A. Laine
Department of Biochemistry
322 Choppin Hall
Louisiana State University
Baton Rouge, LA 70803**

Louisiana State University and Agricultural and Mechanical College is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT/ASSOCIATE PROFESSOR OF BIOCHEMISTRY AND MOLECULAR BIOLOGY—The Department of Biochemistry and Molecular Biology, Louisiana State University (LSU) School of Medicine in Shreveport, invites applications for two tenure-track positions at the assistant professor level. Candidates with a strong background in molecular biology, molecular genetics, membrane and protein biochemistry, and molecular virology are especially encouraged to apply; however, outstanding candidates in other areas of biochemistry will definitely be considered. Applicants should submit curriculum vitae, description of current and/or future research program, and have three letters of reference sent by 15 December 1986 to: **Dr. Richard Courtney, Chairman, Department of Biochemistry and Molecular Biology, LSU Medical Center, 1501 Kings Highway, Shreveport, LA 71130.** *An Affirmative Action/Equal Opportunity Employer.*

ASSISTANT PROFESSOR, MICROBIOLOGY

Applications are invited for a 9-month, tenure-track appointment at the assistant professor level in the Department of Microbiology. The appointment is to begin in August 1987; a possibility of additional support for summer sessions exists during each year. The department is in the College of Arts and Sciences and offers B.A., M.S., and Ph.D. degrees in microbiology. The department occupies new research and teaching facilities in the recently completed Biological Sciences Building. Applicants must have a Ph.D. degree in microbiology or a related field and postdoctoral research experience. Candidates must be actively involved in applied research utilizing recombinant DNA technology and genetic engineering in microbial ecology or pathogenesis. The successful candidate must develop a productive research program, direct M.S. and Ph.D. students and obtain extramural research funding. Duties will include teaching undergraduate and graduate courses in the microbiology program. Send curriculum vitae, a statement of research goals, and three references by 2 February 1987 to: **Dr. Ronald W. Treick, Department of Microbiology, Miami University, Oxford, OH 45056.** *Miami University is an Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

DEPARTMENT OF PSYCHIATRY

Louisiana State University (LSU) Medical Center in Shreveport. As a result of program growth and development, the Department of Psychiatry is seeking highly qualified applicants for tenure-track positions at the Assistant, Associate, and Full Professor levels. Research experience and clinical expertise in biology and psychopharmacology of affective disorders, schizophrenia, and geriatric dementia preferred. Clinical researchers in substance abuse also invited to apply. Assistant professor position requires Board-eligibility and commitment to an academic-research career. All positions involve resident and student supervision, but no direct service obligations. Submit curriculum vitae and addresses of three references to: John Straumanis, M.D., Professor and Chair, Department of Psychiatry, LSU Medical Center, P.O. Box 33932, Shreveport, LA 71130. *Affirmative Action/Equal Opportunity Employer.*

The Department of Neurobiology at Stanford University School of Medicine invites applications from qualified individuals for the position of ASSISTANT PROFESSOR OF NEUROBIOLOGY commencing 1 September 1987. The successful candidate will have teaching experience in neurobiology and will be expected to maintain an independent research program of high quality. Preference will be given to those individuals who have significant research accomplishments. Applications including the names of three references should be addressed to: Chairman, Search Committee, Department of Neurobiology, Stanford University School of Medicine, Stanford, CA 94305. *Stanford University is committed to increasing representation of women and members of minority groups on its faculty and particularly encourages applications from such candidates.*

NEUROSCIENCES—CLINICAL AUDIOLOGY

A tenure-track position at the ASSISTANT/ASSOCIATE PROFESSOR level in the fields that constitute the interface between central auditory physiology, the neurosciences, and clinical audiology is available. This person should demonstrate research interests focusing on clinical applications of basic science developments.

The incumbent will be responsible for teaching courses addressing electrophysiologic techniques in audiology and for developing a course pertaining to brain imaging techniques. This person will be expected to develop identifiable, cohesive, and fundable collaborative investigations with other faculty members in audiology and/or in one or more of the following areas: otolaryngology, neurology, and basic neuroscience.

Applicants should send curriculum vitae, copies of recent publications, a summary of their current research activities, and the names of at least three individuals who can provide an evaluation of professional accomplishments and potential to: Dean C. Garstecki, Ph.D., Head, Audiology Program, Northwestern University, 2299 Sheridan Road, Evanston, IL 60201.

An Equal Opportunity/Affirmative Action Employer

THE CENTER FOR NEUROSCIENCE DEPARTMENT OF ANATOMY AND NEUROBIOLOGY COLLEGE OF MEDICINE THE UNIVERSITY OF TENNESSEE, MEMPHIS

Positions of ASSISTANT, ASSOCIATE AND FULL PROFESSOR are available. Rank and salary to be commensurate with qualifications. Candidates must show evidence of strong research achievements. The department is the center of a rapidly expanding, multidisciplinary neuroscience program. Candidates must be pursuing research programs in neuroscience, especially utilizing molecular, neurochemical, and neurogenetic techniques. The position also requires teaching in anatomical courses. Please submit, by 30 November 1986, curriculum vitae, statement of research interest, and names of three individuals who can be contacted for letters of reference to: S. T. Kitai, Chairman, Department of Anatomy and Neurobiology, College of Medicine, The University of Tennessee (UT), Memphis, 875 Monroe Avenue, Memphis, TN 38163.

UT Memphis is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR/MICROBIOLOGY INDIANA UNIVERSITY, BLOOMINGTON

The Department of Biology at Indiana University, Bloomington, is seeking a faculty member at the assistant professor level whose research interests involve molecular and/or genetic analysis of microbial or viral systems. The successful candidate will be expected to conduct a vigorous, independent research program and contribute to teaching. Applicants should have postdoctoral research experience and demonstrated ability as a creative scientist. Send curriculum vitae, a brief description of research interests, and arrange to have three letters of reference from individuals familiar with your work sent to: Dr. Norman Pace, Chairman, Microbiology Search Committee, Department of Biology, Indiana University, Bloomington, IN 47405.

Applications received before 31 December 1986 will be assured of consideration. *Applications from minorities and women are especially desired.*

Indiana University is an Affirmative Action/Equal Opportunity Employer.

Scripps Institution of Oceanography invites applications for an ASSISTANT RESEARCH OCEANOGRAPHER to work in a program of studies of tropical ocean climate. For the first 3 years, commencing 1 February 1987, support is available from Tropical Ocean and Global Atmosphere Program (TOGA) for measurement and interpretation of ocean thermal variability and heat transports in the Tropical Pacific Ocean. A Ph.D. in physical oceanography or related fields and experience in interpretation of ocean temperature variability is required. Salary: \$34,600.

Applicants should submit curriculum vitae and names of three references to: Professor Pearn P. Niiler, Chairman, Search Committee, MLRG, A-030, Scripps Institution of Oceanography, University of California, San Diego (UCSD), La Jolla, CA 92093, by 15 December 1986.

UCSD is an Equal Opportunity/Affirmative Action Employer.

The University of California, San Diego (UCSD) is recruiting an ASSISTANT RESEARCH VIROLOGIST. The applicant must have a Ph.D. with expertise in retrovirology, cell and virus culture, and molecular biology to conduct research in AIDS pathogenesis and the role of viral cofactors. Position available immediately for at least 2 years. Salary range is based on University of California pay scale. Interested individuals should send curriculum vitae with a list of three references to: Stephen A. Spector, M.D., Associate Professor, Department of Pediatrics, UCSD Medical Center, 225 Dickinson Street (H-814-H), San Diego, CA 92103. *Equal Opportunity/Affirmative Action Employer.*

BIOCHEMIST MEMBRANE BIOCHEMIST

A position is available on the scientific staff of the Biology and Medicine Division, Lawrence Berkeley Laboratory, for a membrane protein biochemist to participate in structural and functional studies of proton-transport systems and other membrane proteins. Responsibilities will include the isolation, purification, and biochemical characterization of proteins under investigation, and reconstitution of the isolated proteins in a functionally active form suitable for high resolution electron microscopy and electron crystallography.

A Ph.D. in biochemistry or a related discipline, together with at least 2 years of postdoctoral experience is preferred. Experience with isolation, detergent solubilization, and subsequent purification of membrane proteins is expected, together with a good facility in the use of routine biochemical methods used in the analytical characterization of proteins. Salary depends on experience and excellent benefits.

Send curriculum vitae and names and addresses of three references to: Dr. Robert Glaeser: c/o Jaquie Schilling, Lawrence Berkeley Laboratory, Employment Office 90-1042, 1 Cyclotron Road, Berkeley, CA 94720. *An Affirmative Action Equal Opportunity Employer, M/F/H.*

LAWRENCE BERKELEY LABORATORY

POSITIONS OPEN

ASSISTANT PROFESSORS BIOCHEMISTRY AND NUTRITION

The Department of Biochemistry, University of Ottawa has the following tenure-track positions available from 1 July 1987, subject to budgetary approval:

- 1) Assistant professorship in Biochemistry Program.
- 2) Assistant professorship in Biochemistry-Nutrition Program.

Candidates should have a doctorate and must be able to teach undergraduate level biochemistry or nutrition and/or food biochemistry in both French and English. The successful candidates will be expected to develop a research program in biochemistry or nutrition and/or food chemistry and will also be expected to participate in the training of graduate students. *In accordance with Canadian immigration law, preference will be given to Canadians and landed immigrants.* Applications before 1 December 1986 to: Dr. H. Kaplan, Department of Biochemistry, University of Ottawa, Ottawa, Ontario, Canada K1H 8M5.

ASSISTANT PROFESSOR IN BIOCHEMISTRY. Applicants should have at least 2 years of postdoctoral experience. Candidates experienced in enzymology, protein structure and function, or membrane biochemistry are preferred, but individuals with excellence in other fields will be considered. Applicant will be expected to conduct an active research program, obtain extramural funding, and participate in teaching medical and graduate students. Established scientists with funded programs will be considered for higher ranks. Send curriculum vitae, outlines of research projections, and references to: Professor I. Danishefsky, Chairman, Biochemistry Department, New York Medical College, Valhalla, NY 10595.

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THE SCIENTIST

The Newspaper for the Science Professional

is adding ASSOCIATE EDITORS to its Washington staff. Some science/science policy editing experience a must, plus (i) solid background in a "hard" science (especially physics or electronics) AND/OR (ii) experience commissioning, editing, and rewriting short opinion pieces, reviews, essays, or self-help articles. We concentrate on policy and politics, economics and financing, and other nontechnical aspects of doing science. Technical writing is not the right background for these jobs. Salary mid-30's. Résumé and letter to: Suite 605, 1101 Fifteenth Street, NW, Washington DC 20005. *We're an Equal Employment Opportunity/Affirmative Action Employer.*

STANFORD UNIVERSITY

The Division of Applied Mechanics of the Department of Mechanical Engineering invites applications for a position at the ASSOCIATE PROFESSOR OR PROFESSOR level. Desired is an individual with established capacity for advanced research and for teaching. Applicants should have a strong interest in the development of mathematical, computational, and experimental methods for the analysis of materials and structures, with special experience in several of the following areas: dynamic fracture, inelastic fracture, damage mechanics, wave propagation, and the mechanics of microelectronic devices.

Applicants should submit a résumé and a list of references by 1 February 1987 to: Professor George Herrmann, Division of Applied Mechanics, Durand Building, Stanford University, Stanford, CA 94305.

BIOLOGY FACULTY

(Rank and salary negotiable)

Applications are invited for a tenure-track and primarily research position in a 17-member department at a state university with 21,000 students, beginning September 1987. We are seeking a person who studies eukaryote organism(s) and preference will be given to a candidate who emphasizes molecular approaches. Candidates should submit curriculum vitae including a list of publications and at least three references along with their telephone numbers to: Dr. Woon H. Jyung, Chairman, Department of Biology, University of Toledo, Toledo, OH 43606. Telephone: 419-537-2066. *Affirmative Action/Equal Opportunity Employer.*