

## POSITIONS OPEN

**ACADEMIC SENIOR STAFF POSITION** at assistant professor level available in the Nuclear Medicine Division of the Department of Internal Medicine at the University of Michigan, Ann Arbor. Certification (or Board-eligibility) in nuclear medicine and, preferably in internal medicine, radiology, or pathology desired, with a special interest in cardiology, gastroenterology, or neurology. Applicant should have interest and a performance record in clinical or basic nuclear medicine research. Please send curriculum vitae to: **William H. Beierwaltes, M.D., Physician-in-Charge, Division of Nuclear Medicine, Box 21, W5630, University Hospital, Ann Arbor, Michigan 48109.** A nondiscriminatory, Affirmative Action Employer. Code 08BO.

### APPLICATIONS SPECIALIST— NUCLEAR MAGNETIC RESONANCE IMAGING

Biochemist or biophysicist, Ph.D. level. Long Island-based firm seeks persons with background knowledge in NMR instrumentation. Research experience and publications required. Position will involve training of operators and supervision of clinical studies. Knowledge of anatomy and experience in medical research a plus. Travel required. Salary commensurate with experience. Interested persons should send résumé to: **Dr. Keeler, FONAR Corporation, 110 Marcus Drive, Melville, N.Y. 11747.** An Equal Opportunity Employer.

**AQUACULTURAL ENGINEER.** Doctorate in engineering, with experience or strong interest in aquaculture and strong background in fundamentals of water treatment processes, for teaching and advising at the graduate and undergraduate level and research in an ongoing program at the University of California, Davis. Responsibilities for teaching and research are in the broad area of aquaculture, the environmental aspects, and the control and analysis of intensive culture systems and water treatment processes. The position is open at the assistant or associate professor (11-month) range; salary level will be commensurate with qualifications. Applications, including curriculum vitae, summary of research experience, list of publications, transcripts of undergraduate and graduate work, and at least four letters of reference, should be sent to: **Michael O'Brien, Chairman, Search Committee, Department of Agricultural Engineering, University of California, Davis, California 95616.** Open until filled; applications must be received by 15 July 1983 to be assured of consideration. *The University of California is an Affirmative Action/Equal Opportunity Employer; women and minority candidates are encouraged to apply.*

## UNIVERSITY OF SOUTH FLORIDA

**THE DEPARTMENT OF ANATOMY.** College of Medicine at the University of South Florida, Tampa, invites applications for a position as **ASSISTANT PROFESSOR** beginning 1 August 1983. Applicants should hold a Ph.D. in anatomy, or have an M.D. degree and be genuinely interested in the teaching of a progressive and clinically oriented course in gross anatomy for medical students. Preference will be given to applicants with ongoing grant supported research. Opportunities exist for collaborative research in neuroendocrinology, developmental biology, as well as in problems related to the cardiovascular and nervous systems.

Applicants are invited to submit curriculum vitae, names and addresses of three references, and a letter describing present research and plans for future work. Deadline for receipt of applications is 1 May 1983.

Send all correspondence to: **Johannes A. G. Rhodin, M.D., Ph.D., Department of Anatomy, College of Medicine, University of South Florida, 12901 North 30 Street, Tampa, Florida 33612.**

*The University of South Florida is an Affirmative Action/Equal Opportunity Employer.*

The University of Michigan Medical School, **DEPARTMENT OF INTERNAL MEDICINE**, has positions available to work in the Division of General Medicine. The individual will have patient care activities in both ambulatory care and inpatient settings. Candidates should be Board-eligible in internal medicine and have an interest in health services and research. Address inquiries, including curriculum vitae, to: **Jeffrey K. Stross, M.D., The University of Michigan Medical School, Department of Internal Medicine, D3211 SACB, Ann Arbor, Michigan 48109.** *The University of Michigan is a nondiscriminatory, Affirmative Action Employer. Code 319HO.*

## POSITIONS OPEN

### National Oceanic and Atmospheric Administration NATIONAL WEATHER SERVICE ASSISTANT ADMINISTRATOR FOR WEATHER SERVICES \$65,945 to \$67,200

Directs and administers all activities of the National Weather Service, including: weather and flood warning system and forecasting service; timely and accurate observations; timely dissemination of weather forecasts and warnings to the public and other user groups; adequate maintenance and efficient operation of all electronic and mechanical systems and the required facilities; and efficient management of human and financial resources. **MINIMUM QUALIFICATIONS:** Education and experience qualifying for a bachelor's or higher degree in physical science, meteorology, engineering, or mathematics and related professional experience in the field of meteorology, plus demonstrated experience in scientific program planning and policy development, in-depth knowledge of or experience in the physical sciences related to the provision of weather services. Applicants must supply references attesting to administrative/managerial skills and abilities and achievements in Equal Opportunity and Affirmative Action. This is a general position in the Executive Service. Inquiries: **Fran Moore, telephone: 301-427-7924.** Applicants should file a Standard Form (SF-171), Personal Qualifications Statement: **National Oceanic and Atmospheric Administration, 8060 13th Street, Room 1225, Silver Spring, Maryland 20910.** Reference: **NWS 82-33(FM).** Closing date: 20 April 1983.

*An Equal Opportunity Employer.*

### ASSISTANT, ASSOCIATE, OR FULL PROFESSOR—RECOMBINANT DNA STUDIES ON MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS

A position at the assistant professor, associate professor, or professor level with teaching and research responsibilities is available in the Department of Bacteriology. Teaching would involve the responsibility for a graduate lecture-laboratory course in recombinant DNA methodology applied to prokaryotic systems, plus other teaching in bacteriology, including the development of an upper division course in the mechanisms of microbial pathogenesis. Candidates who are committed to developing or have already developed a research program involving the application of recombinant DNA technology to the molecular mechanisms of microbial pathogenesis are urged to apply. Research should involve the study of problems in the area of molecular mechanisms of viral or prokaryotic pathogenesis. Excellent molecular biological and biochemical facilities are available; however, animal facilities are quite limited. Send curriculum vitae, including a brief description of research experience, samples of refereed publications, a brief statement of proposed research, and names of three references, by 27 May 1983 to: **Chairman, Search Committee, Department of Bacteriology, University of California, Davis, California 95616.** *University of California is an Affirmative Action/Equal Opportunity Employer.*

University of Wisconsin (UW)—Parkside, *an Equal Opportunity/Affirmative Action Employer*, invites applications for a 9-month, nontenure-track **VISITING ASSISTANT PROFESSOR** for academic year 1983-1984, with strong possibility of 1-year renewal. Ph.D. to teach physical chemistry laboratory and chemical instrumentation. Collaborative research in any area of molecular graphics using an Evans and Sutherland PS300 Molecular Graphics Computer System is possible. Salary competitive. Send résumé and three letters of recommendation to: **Professor J. K. Cashion, Division of Science, UW—Parkside, P.O. Box 2000, Kenosha, Wis. 53141.**

The Department of Pharmacology, Baylor College of Medicine, invites applications for a tenure-track position at the level of **ASSISTANT PROFESSOR** in the **MOLECULAR BIOLOGY PROGRAM.** The candidates should have experience working with mRNA and genomic libraries. The successful candidate will be expected to develop an independent research program and to participate in the graduate teaching responsibilities of the department. Candidates should submit complete résumé or curriculum vitae, reprints of relevant publications, and a list of professional references. Applications should be submitted to: **Dr. Harris Busch, Chairman, Department of Pharmacology, Baylor College of Medicine, Houston, Texas 77030.**

*Baylor College of Medicine is an Equal Opportunity/Affirmative Action Employer.*

## POSITIONS OPEN

**BOSTON UNIVERSITY SCHOOL OF MEDICINE.** The Department of Anatomy has a vacancy available 1 July 1983 for a faculty member at the **assistant professor** level. Applicants should be able to participate fully in teaching gross anatomy to medical, dental, and graduate students, and should have research interests in neuroanatomy or neurosciences. Applicants with active research programs will be considered for appointments at the level of associate professor. Interested individuals should submit copies of their curriculum vitae, a brief statement of research interests, copies of relevant publications, and the names of three references to: **Dr. Alan Peters, Chairman and Professor, Department of Anatomy, Boston University School of Medicine, 80 East Concord Street, Boston, Mass. 02118.** *Equal Opportunity Employer, M/F.*

**ASSISTANT PROFESSOR—EXPERIMENTAL PATHOLOGY.** The Department of Veterinary Science at the University of Wisconsin—Madison invites applications for a tenure-track faculty position as an assistant professor in experimental pathology. The candidate is expected to develop an independent research program, direct graduate student training, and teach a graduate course in domestic animal pathology. Candidates must possess a D.V.M. and Ph.D. Research interests should focus on pathological mechanisms of disease and could include biochemistry, immunology, microbiology, physiology, toxicology, or other relevant disciplines. Development of courses in areas of specialization is possible.

Submit curriculum vitae, copies of recent publications, description of research goals, and names of four references to: **Dr. R. F. Marsh, Professor, Department of Veterinary Science, 1655 Linden Drive, Madison, Wis. 53706.**

*An Affirmative Action/Equal Opportunity Employer*

### ASSISTANT PROFESSOR OF PHYSIOLOGY

The Physiology Department of the West Virginia School of Osteopathic Medicine (WVSOM) expects an opening in a tenure-track position for a neurophysiologist. The position will be available on or after 1 July 1983. The duties and responsibilities of the position include the teaching of neuro and muscular physiology, participation in the committee structure of the institution, and participation in a developing research program. Applicants should have a Ph.D. Applications, including a current résumé and the names of three references, should be sent to: **Elizabeth Blatt, Ph.D., Associate Dean for Academic Affairs/Basic Science, West Virginia School of Osteopathic Medicine, 400 North Lee Street, Lewisburg, West Virginia 24901.** Deadline for applications is 1 May 1983.

*WVSOM is an Affirmative Action/Equal Opportunity Employer.*

### ASSOCIATE PROFESSOR OF PHYSIOLOGY AND BIOPHYSICS

Applications are invited from qualified men and women for the position of associate professor in the Department of Physiology and Biophysics at Harvard Medical School. Three to 5 years of experience as an independent investigator is required. Responsibilities include basic research and the teaching of mammalian physiology. Of particular interest is research in the field of cellular physiology, including control of biosynthetic processes, hormones, hormonal regulation of cell functions, and related subjects. Send curriculum vitae to: **Search Committee, Department of Physiology and Biophysics, Harvard Medical School, 25 Shattuck Street, Boston, Mass. 02115.** *Affirmative Action/Equal Opportunity Employer.*

**BIOCHEMIST.** Career federal service. The Northern Regional Research Center of U.S. Department of Agriculture (USDA) has a position available for a Ph.D. or equivalent scientist interested in fundamental biochemical/chemical problems related to nutritional quality in foods of cereal origin. Applicants for this appointment must have a demonstrated ability to carry out basic research and are expected to develop a vigorous research program both independently and in conjunction with other Center scientists. Recent graduate and/or postdoctoral training and a knowledge of plant biochemistry are considered desirable. This Center is a major laboratory of the USDA that employs about 150 scientists in a wide variety of basic and applied programs. *The USDA is an Affirmative Action/Equal Opportunity Employer.* Salary, based on qualifications and experience, GS-11/12, \$24,508 to \$29,374. Applications may be accepted only from U.S. citizens. Send curriculum vitae to: **Dr. F. R. Dintzis, USDA-ARS, 1815 North University Street, Peoria, Ill. 61604.**