

POSITIONS WANTED

Order out of chaos and useful information from your data by means of **Computer Modeling and Simulation**. I have track record of designing successful models for Xerox Corporation and NASA contracts and wide repertoire of numerical and statistical techniques. Generalist, interested in applications of complex dynamics and of stochastic processes to life sciences, self-organizing systems, communication networks and analytical support of R&D groups. Telephone evenings: 415-964-9185 or write Box 70, SCIENCE. X

Plant Microbial Physiologist, Ph.D. (1976). Experienced in microbial physiology and biochemistry. Recently trained at Cold Spring Harbor Laboratories in techniques of gene fusions and DNA manipulations. Extensive experience in plant physiology at whole plant, organelle, and enzyme levels. Current academic position involves study of physiology and molecular genetics of Rhizobium/legume symbiosis. Many publications. Self-trained in digital electronics and microprocessors. Seeking industry or private sector position in microbial physiology or genetics, or in plant physiology or agriculture. Box 67, SCIENCE. 4/18, 25; 5/2

Polish M.D./Ph.D. Clinical and laboratory experience in coagulation and fibrinolysis. Seeks position in research. References and curriculum vitae available on request. Box 74, SCIENCE. X

Research Scientist Ph.D. 1976. Extensive experience in protein purification and immunochemistry. Inventor of an innovative field-tested enzymeimmunoassay system. Seeks challenging position in research and development. Box 75, SCIENCE. 4/18, 25

POSITIONS OPEN

ACADEMIC PATHOLOGIST

Academic pathologist with track record in research, preferably in the area of molecular genetics and/or hybridoma technology, willing to set up independent research program with external peer-reviewed funding. The position involves sharing of service responsibilities with five other pathologists in one or more of the following areas: surgical pathology, autopsy pathology, cytopathology (degree of service involvement negotiable). The position will carry an appropriate university rank, subject to approval by the dean, Faculty of Medicine. The pathologist will also be responsible for developing diagnostic applications of molecular genetics and/or hybridoma technology, preferably in the area of tumor diagnosis, supervising residents and graduate students, and organizing courses suitable for graduate studies. Salary negotiable. Applicants must be eligible for a license to practice in Ontario and be qualified anatomical pathologists. *Preference will be given to Canadian citizens or landed immigrants.* Send curriculum vitae with references to:

Dr. D. Banerjee
Chief of Pathology
St. Joseph's Hospital
268 Grosvenor Street
London, Ontario N6A 4V2
Canada

ASSOCIATE RESEARCH SCIENTIST Columbia University Department of Rehabilitation Medicine

Established laboratory for the study of autonomic dysfunction and temperature regulation is seeking to fill a position in an ongoing study of the autonomic nervous system in health and disease states. The position will be filled by an M.D. or Ph.D. with a research area of experience or interest in humans and other mammals including, but not limited to, one of the following areas: the physiology and/or biochemistry of the autonomic nervous system, the pharmacology of the receptors of the peripheral vasculature, and temperature regulation. The person filling this position will be expected to establish an active research program in his or her own area of specialization and to participate in clinical studies in collaboration with other members of the department. Send curriculum vitae, statement of research goals, and names of three professional references to: Dr. Daniel E. Lemons, Research Laboratories of the Department of Rehabilitation Medicine, Columbia University, College of Physicians and Surgeons, 630 West 168 Street, New York, NY 10032. *Columbia University is an Affirmative Action/Equal Opportunity Employer.*

POSITIONS OPEN

ACADEMIC PLASTIC SURGEON at the University of Michigan Medical Center with emphasis in burn treatment, hand and pediatric plastic surgery. Position is at the instructor level and will initially be available for 12 months, from 1 July 1986 through 30 June 1987. Position includes opportunities for laboratory research in burn and wound healing, as well as all aspects of pediatric surgery. Candidates should have satisfactorily completed a residency program in plastic surgery, be eligible for Board-certification, have demonstrated potential as an academic surgeon, have expertise and prior experience in burn treatment, hand and pediatric plastic surgery, and have research interest and prior related research experience. Send curriculum vitae and three letters of recommendation to: Louis C. Argenta, M.D., Interim Head, Section of Plastic Surgery, Department of Surgery, University of Michigan Hospitals, 2218 A. Alfred Taubman Health Care Center, Box 0340, 1500 East Medical Center Drive, Ann Arbor, Michigan 48109. *The University of Michigan is a nondiscriminatory, Affirmative Action Employer.* PCN 267.

ACADEMIC RHEUMATOLOGIST/IMMUNOLOGIST: Assistant/associate professor level position is available at the University of Maryland Medical School for an M.D. or Ph.D. with a strong research background and capabilities of conducting an independent, basic research program in rheumatology/immunology. Send curriculum vitae to: Barry Handwerker, M.D., Division of Rheumatology, University of Maryland Medical School Hospital, N3W137, 22 South Greene Street, Baltimore, Maryland 21201. *The University of Maryland is an Equal Opportunity/Affirmative Action Employer.*

ASSOCIATE RESEARCH PHYSICIST. Department of Physics. To participate in the Fermilab E665 experiment in Batavia, Illinois, which will study muon scattering with the new Tevatron muon beam with emphasis on exclusive processes. Our particular responsibility is to construct a ring imaging Cerenkov counter for this experiment. Candidates must have a minimum of 2 years of experience in data analysis of high-energy physics and knowledge of deep inelastic lepton scattering. One year of experience with polarized targets is also required as is a Ph.D. or equivalent degree in physics. Full-time position with annual salary of \$27,820. Interested applicants should send their résumés to: Professor V. W. Hughes, Yale University, Department of Physics, 356 JWG, 260 Whitney Avenue, New Haven, CT 06520. *Yale University is an Equal Opportunity Affirmative Action Employer.*

ASSOCIATE PROFESSOR Biochemistry and Molecular Biology

A tenure-stream position as associate professor is available as of 1 July 1986. The position will be a joint appointment in the Departments of Biochemistry and Medical Genetics, Faculty of Medicine, University of Toronto. The candidate should have a Ph.D. degree in biochemistry or related science. The applicant should have a minimum of 7 years of postdoctoral experience and an established research record in the biochemistry and molecular biology of eukaryotic development. Salary will be commensurate with qualifications and experience in the range for an associate professor and will be university budget funds. *The university encourages both men and women to apply for this position. In accordance with Canadian immigration requirements, this advertisement is directed in the first instance to Canadian citizens and landed immigrants.* Please send curriculum vitae and names of at least three referees to: Dr. H. Schachter, Chairman, Department of Biochemistry, University of Toronto, Toronto, Ontario, Canada M5S 1A8. The closing date for applications will be 30 May 1985.

Applications are currently being accepted for a position at the level of **ASSOCIATE PROFESSOR** or **PROFESSOR** in the Department of Experimental Therapeutics and Grace Cancer Drug Center at Roswell Park Memorial Institute. Candidates will be expected to establish and lead a research program focused on the identification of new target sites for chemotherapeutic intervention based on recent developments in the molecular biology of tumor cells. Research and demonstrated leadership experience in biochemical pharmacology and/or molecular biology with a strong interest in cancer therapy is required. Inquiries should be addressed to: Dr. E. Mihich, Roswell Park Memorial Institute, Buffalo, NY 14263. *Equal Opportunity Employer.*

POSITIONS OPEN

NMR Facility at Madison. ASSISTANT/ASSOCIATE SCIENTIST. Research position available immediately. Emphasis on computer methods for acquiring, processing, and interpreting biological NMR data in terms of structure and function. Nationally funded facility: staff of four Ph.D. scientists; five superconducting spectrometers; computer graphics workstations; broad-based core and collaborative research projects on NMR instrumentation, protein chemistry, enzymology, metabolic NMR and MRI. Qualifications include a Ph.D. degree, extensive computer programming experience, and a record of scientific productivity in fields of NMR, molecular dynamics, or molecular graphics. Salary from \$20,000 to \$38,000, depending on rank and experience. Send curriculum vitae, publications, statement of research interests, and three letters of recommendation to: John L. Markley, Director NMRFAM, Department of Biochemistry, University of Wisconsin—Madison, 420 Henry Mall, Madison, WI 53706. *The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR. The Department of Anatomy and Cellular Biology at Harvard Medical School invites applications for a junior position with a start date in 1986 or 1987. Applicants should have active research programs in the general area of cell, molecular, and/or developmental biology and be prepared to teach gross anatomy. Send curriculum vitae, bibliography, and three or four references to: Dr. Elizabeth D. Hay, Chairperson, Department of Anatomy and Cellular Biology, Harvard Medical School, 25 Shattuck Street, Boston, MA 02114. *Harvard University is an Equal Opportunity Employer.*

Applications are invited for full-time, tenure-track position at the ASSISTANT PROFESSOR level in the Department of Anatomy, College of Medicine, University of South Florida. Applicants should have a Ph.D. or M.D. degree and a minimum of 2 years of postdoctoral research experience. The successful candidate will be expected to pursue a vigorous research program capable of attracting extramural funding and to participate in the teaching of gross anatomy to freshmen medical students. Experience in the latter is required. Send curriculum vitae, statement of research interests, and the names of three references by 13 June 1986 to: J. Rhodin, M.D., Ph.D., Chairman, Department of Anatomy, College of Medicine, University of South Florida, 12901 North 30 Street, Tampa, FL 33612. *An Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR—Molecular Immunology or Molecular Aspects of Development. This is an anticipated tenure-track position carrying a teaching load commensurate with major research efforts. Good start-up funds for equipment are available. Candidate should have at least 2 years of postdoctoral experience. The successful candidate will be encouraged to interact with a newly formed Neuroscience Center on campus, but the candidate need not necessarily have direct interests in neuroscience. A 1 September 1986 or 1 January 1987 starting date is anticipated. Candidate should send curriculum vitae, a brief statement of research plans, and three letters of recommendation to: Dr. Harvey H. Feder, Biology Search Committee, Department of Zoology and Physiology, Rutgers University, Newark, New Jersey 07102. *Rutgers University is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR PHARMACEUTICAL CHEMISTRY

Tenure-track position starting 1 January 1987. Ph.D. is required, preferably with postdoctoral experience. A professional degree in pharmacy desirable, but not essential. Applicant is expected to teach undergraduate and graduate courses in medicinal chemistry and to develop an active research program in an area of pharmaceutical chemistry, such as QSAR drug analysis, metabolism, toxicology, and drug-receptor mechanisms. *In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.* Send curriculum vitae, a list of three referees, and a letter outlining future research interests to: Dean John H. McNeill, Faculty of Pharmaceutical Sciences, The University of British Columbia, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1W5, Canada. Deadline for Applications: 31 May 1986.