Personnel Placement

SCIENCE publishes each Friday, except the last Friday of the year. Advertising is accepted only in print, no abbreviations. Any deadline in ad must be at least 2 weeks after date of issue in which ad appears. Also, personnel advertising is accepted only with the understanding that advertiser does not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sexual preference.

LINE CLASSIFIED ADVERTISING DEADLINES:
22 August issue (mailed 15 August); 1 August
29 August issue (mailed 22 August); 8 August
15 September issue (mailed 5 September); 12 September issue (mailed 22 August)

POSITIONS WANTED: 40¢ per word, plus $4 for use of box number per week. $10 minimum, per week. Prepayment required. This rate is available only to individuals seeking jobs.

POSITIONS OPEN

ANIMAL BEHAVIOR: POSITION: UNIVERSITY OF WASHINGTON. Tenure-track position in the Department of Psychology, University of Washington, beginning September 1987. Rank open, although preference will be given to candidates at assistant professor level. Applicant's background may be in either psychology or biology. The successful candidate will be expected to pursue a vigorous research program emphasizing an evolutionary approach to animal behavior. Teaching duties include introductory and advanced courses in animal behavior, plus one service course. Submit curriculum vitae, a brief statement of research interests, college transcripts, and four letters of recommendation to: Chair, Department of Psychology, University of Washington, Seattle, WA 98195. Applications received by 15 September 1986 are assured of consideration. An Affirmative Action/Equal Opportunity Employer.

ASSISTANT ADJUNCT PROFESSOR OF SURGERY/HEAD AND NECK SURGERY: UNIVERSITY OF CALIFORNIA AT SAN DIEGO

QUALIFICATIONS: Ph.D. in biomechanics or related subdisciplines and 3 years of laboratory research experience in biomedical engineering. Will assist Division of Head and Neck Surgery faculty with research on the development of trauma mechanisms or tools and experimental designs to pursue research. Applications must be submitted to: Dennis Schneider, Ph.D., Assistant Adjunct Professor of Surgery, M-014, University of California, San Diego, Gilman Drive and La Jolla Village Drive, La Jolla, CA 92037.

ASSISTANT DIRECTOR FOR TRACE ANALYSIS: At the Midwest Center for Mass Spectrometry. Duties include supervising trace analysis of chlorinated dioxins, dibenzofurans, and related compounds, preparing reports and publications, and interacting with research sponsors. Requires Ph.D. in chemistry; 2 years' experience in trace analysis. Position is permanent. Salary range $28,000. Apply with application letter, resume, and three references by 18 August 1986. University of California, San Diego is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR (tenure track). A person is sought with Ph.D. in biochemistry, molecular biology, or pharmacology, with 3 to 4 years of postdoctoral and/or industrial experience, and with firsthand experience with experimental aspects of measurements of receptor coupling mechanisms, in computer modeling of the interactions of ligand-receptor complexes. Requires Ph.D. in chemistry, biochemistry, or pharmacology and experience in trace analysis. Position is permanent. Salary range $28,000. Apply with application letter, resume, and three references by 18 August 1986. University of California, San Diego is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR—GENETICS OF MARINE ORGANISMS—The College of Marine Studies, UNIVERSITY OF DELAWARE, announces a 12-month, tenure-track marine biology-biochemistry faculty position at the Lewes Marine Studies Complex in the Delaware estuaries and adjacent marine organism (oceanic or population) ecosystems. Responsibilities will include development of a vigorous research program, graduate-level teaching, and service in the area of expertise. Applicants should submit a letter of application describing their research interests and background, a current curriculum vitae, and three letters of reference to: Dr. John N. Targrett, Search Committee Chairman, College of Marine Studies, UNIVERSITY OF DELAWARE, 760 Pilottown Road, Lewes, DE 19958. Closing date is 31 August 1986. The University of Delaware is an Affirmative Action/Equal Opportunity Employer.

SCIENCE

Posters

The following posters of Science covers are available:
30 March 1979, Tropical flowering tree;
23 February 1983, Landsat photo of Detroit, Michigan;
29 July 1983, Cheetah;
2 December 1983, Snowshoe hare;
23 December 1983, Cathedral window/DNA molecule.

Combination of space covers in scroll format: 1 June 1979, 23 November 1979, 10 April 1981.

Price is $5 each (prepaid).

Write to AAAS, Department POST, 1333 H Street, NW, Washington, D.C. 20005.
ASSISTANT PROFESSOR OF PHARMACOLOGY/TOXICOLOGY

The Department of Pharmacology and Toxicology, School of Pharmacy and Pharmacal Sciences, Purdue University, has an opening for a full-time, tenure-track assistant professor of pharmacology/toxicology beginning approximately September 15. The appointment will be given to candidates with training and/or research experience in areas related to drug metabolism, particularly at the cellular and molecular level. The applicant must have a Ph.D. and will be expected to establish an independent research program and procure extramural funding. The applicant must also be committed to excellence in teaching and postdoctoral experiences in the field of pharmacology, including teaching programs for pharmacy, nursing, medical, and graduate students. A background in pharmacy is desirable, but not essential.

To apply for this position, curriculum vitae, a brief description of research interest, and the names and addresses of three individuals willing to serve as references should be submitted by 1 October 1986 to insure consideration. All information should be sent to:

Dr. George K. W. Yin, Head
Department of Pharmacology and Toxicology
School of Pharmacy and Pharmacal Sciences
Purdue University
West Lafayette, IN 47907

Purdue University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR: The Section of Pulmonary and Critical Care Medicine at The University of Chicago is seeking an assistant professor of medicine with expertise in respiratory physiology and the study of alternative modes of mechanical ventilation and pulmonary edema. Higher publications and research should deal expressly with the above and specifically address research concerns regarding constant flow ventilation. The candidate is expected to be able to obtain competitive research funding.

In addition, candidates should have extensive training in intensive care medicine. Candidates will be responsible for research, teaching, and clinical activities including the establishment of an independent research program and attending on Pulmonary Consultation Service, in the Pulmonary Outpatient Clinic, and in the Intensive Care Unit.

Send curriculum vitae to: Dr. Larry Wood, Box 83, Pulmonary/Critical Care Medicine, The University of Chicago, 5841 South Maryland Avenue, Chicago, IL 60637. An Affirmative Action/Equal Opportunity Employer.

The Human Gene Mapping Library in New Haven, Connecticut, seeks an individual with a Ph.D. in Genetics or a strong background in computers to fill an immediate full-time opening as an ASSOCIATE in the Howard Hughes Medical Institute. This is an exciting opportunity for a self-motivated person who can take on a leadership role. The position involves close collaboration with professors at Yale University working in human genetics and with other investigators in this field in the United States and abroad. A background in research concerned with restriction fragment length polymorphisms would be useful. Duties will include: reconciliation of physical and Mendelian human linkage groups; investigation into and retrieval of mapping information of human genes; composition of associated data, and ongoing communication of results to researchers.


BIOSTATISTICS DIRECTOR

Biostatistics director—Ph.D. level director sought to supervise an expanding Biostatistics section at the City of Hope Cancer Research Center, including all clinical trials development, data collection, and study evaluation for this NCI-funded Cancer Center. Respond with curricula vitae and three letters of reference to: Dr. James Doroshow, Department of Medical Oncology, City of Hope National Medical Center, 1500 East Duarte Road, Duarte, CA 91010. City of Hope is an Equal Opportunity Employer.

ASSISTANT RESEARCH PHYSICIOLOGIST THE DEPARTMENT OF PHYSIOLOGY-AATOMY

UNIVERSITY OF CALIFORNIA, BERKELEY

Invites applications to fill a full-time, research position at the assistant research level (range $32,800 to $36,900) for 1 year, with possibility of renewal. The position must be renewed on an annual basis, depending on available funding. This position is for a cell physiologist who will image cyclic AMP and related molecules during mitogenic activation, the cell cycle, and cell-cell interactions such as lymphocyte-mediated cytotoxicity. Applicants should have a Ph.D. and a publication record in relevant areas. A minimum 2 year background with fluorescence microscopy and digital image-processing would be desirable. Interested individuals should write a letter explaining their qualifications and enclose a current curriculum vitae and list three or more persons who could act as referees to:

Dr. Roger T. Tiers
Department of Physiology
Berkeley, CA 94720

Applications must be received by 29 August 1986. The University is an Equal Opportunity/Affirmative Action Employer.

Stanford University invites nominations and applications for a newly endowed CHAIR, THE HENRY J. KAISER, JR., PROFESSORSHIP in Health Policy in the School of Medicine. The position must be an outstanding scholar in an area related to health services or health policy, with the breadth and capacity to chair a newly established department tentatively titled Health Research and Policy. This department will gather together the faculties of biostatistics, epidemiology, health services research, and medical informatics.

Nominations and applications accompanied by curriculum vitae, should be mailed to: Marian Knox, The Kaiser Chair Search Committee, Room M-121, Stanford Medical Center, Stanford, CA 94305, no later than 15 September 1986. Stanford University is committed to increasing representation of women and members of minority groups on its faculties and encourages applications from such candidates.

CHAIRMAN

DEPARTMENT OF ANIMAL AND POULTRY SCIENCE

Ontario Agricultural College University of Guelph

Applications are invited for the position of chairman, Department of Animal and Poultry Science at the University of Guelph. The position is available 1 July 1987. The Department of Animal and Poultry Science is one of ten administrative units in the Ontario Agricultural College. It has a close and important relationship with other units within the College, as well as with departments in the Ontario Veterinary College and the College of Biological Science. It is one of the largest departments within OAC with 40 faculty and professional staff members and 75 other staff. The undergraduate major in Animal and Poultry Science averages 80 students each year, and there are currently 60 graduate students enrolled. The department administers major research programs in beef, dairy, poultry, and swine.

The successful applicant will have a strong background and experience in animal science, particularly in animal production, and will have demonstrated qualities of leadership. Experience in teaching and research is desirable.

The closing date for applications is 31 January 1987. Applications should include curriculum vitae and the names and addresses of three persons who may be contacted for reference.

This position is open to Canadian or non-Canadian citizens.

Enquiries and applications, which will be treated in confidence, should be addressed to:

Dr. F. L. McEwen, Dean
Ontario Agricultural College
University of Guelph
Guelph, Ontario N1G 2W1

Appointment is subject to final budgetary approval.
SENIOR NEUROENDOCRINOLOGIST

Animal Science Discovery Research

The LILLY RESEARCH LABORATORIES, a division of Eli Lilly and Company, is seeking highly qualified candidates for a senior scientist position in the Discovery Division of Animal Science Research (Greenfield, Indiana).

Applicants must have a Ph.D. degree in the neurosciences and training in endocrinology (post-doctoral experience preferred). Applicants should have a career orientation toward the understanding and control of growth and lactation in large animals. This scientist will be expected to establish a competitive independent research program using the latest basic laboratory techniques and will be expected to interact with scientists in a variety of scientific disciplines, located at our Corporate Center (Indianapolis). Candidates should have a working knowledge in cell biology, molecular biology and protein chemistry.

Please forward your curriculum vitae to:

Ms. Lori E. Pivo
Personnel Representative LP734
Eli Lilly and Company
Greenfield Laboratories
P.O. Box 708
Greenfield, Indiana 46140

An Equal Opportunity Employer M/F

RESEARCH MICROBIOLOGIST

The Upjohn Company, located in Kalamazoo, Michigan, is seeking a research microbiologist to join an expanding group of associates and scientists in the Microbiology and Nutrition Research Unit. This group is working on the development of novel vaccines for protection against animal viral diseases. Candidates should have a B.S. or M.S. in microbiology or related science with a minimum of several years experience in these areas: cell culture, animal pathogens, hybridoma technology and basic immunological, virological and biochemical techniques.

Kalamazoo is a medium-sized Southwestern Michigan community with immediate access to a rich mix of cultural, educational and recreational pursuits including numerous lakes and a four-season climate. Upjohn offers the opportunity for career growth, a competitive salary, commensurate with experience, a comprehensive benefits program and relocation assistance.

For confidential consideration, please call from outside of Michigan toll free 1/800-253-8600, ext. 3-6767, (inside Michigan call collect: 616/323-6767) to request an employment application be sent to you immediately. Please refer to ad number 19621-A when calling.

THEORETICAL BIOLOGY AND BIOPHYSICS GROUP

Los Alamos National Laboratory has an immediate need for outstanding scientists to conduct theoretical research on nucleic acid sequences and very large scale genetic information databases. The research includes:

Analysis, simulation, and development of computational support for large-scale mapping and sequencing;

Design of interactive and comprehensive information systems for genetic data that may include sequences totalling more than 10⁶ bases;

Design of computer networks for access and distributed use of the system; and

Research to advance the scope and usefulness of computational sequence analysis.

Scientists having a strong background (Ph.D. level) in molecular genetics and/or experience in appropriate areas of computer science are invited to apply. Positions at the staff and post-doctoral level are open. This may be a unique opportunity to participate in studies leading to a major national or international program. This research will draw on the group's experience in developing the GenBank nucleic acid database and a decade of work in computational sequence analysis.

For further information, contact Walter Goad (505) 667-7511 or apply in writing with resume and names of at least three references to:

Richard Garcia
60308-U
Personnel Services Division
MSP 205
Los Alamos
National Laboratory
Los Alamos, NM 87545

Affirmative Action/Equal Opportunity Employer

BIOCHEMIST/RESEARCH BIOCHEMIST

The Cardiovascular Diseases Research group of The Upjohn Company has a position for a research associate in biochemistry with experience in the design and conduct of experiments to elucidate mechanisms of antihypertensive drugs. Studies will include: in vitro mechanical responses of vascular smooth muscle to stimuli; measurements of membrane ionic fluxes by radioisotopes; (45Ca, 42K); and measurements of cyclic AMP and cyclic GMP using radioimmunoassays.

Qualified applicant should have a B.S. or M.S. in biochemistry, biology, physiology or pharmacology and several years of related experience in the above research areas. Familiarity with computers, automated lab systems and report preparation are highly desirable.

Kalamazoo is a medium-sized Southwestern Michigan community with immediate access to a rich mix of cultural, educational and recreational pursuits including numerous lakes and a four-season climate. Upjohn offers the opportunity for career growth, a competitive salary, commensurate with experience, a comprehensive benefits program and relocation assistance.

For confidential consideration, please call from outside of Michigan toll free 1/800-253-8600, ext. 3-6767, (inside Michigan call collect: 616/323-6767) to request an employment application be sent to you immediately. Please refer to ad number 19575-A when calling.

An Equal Opportunity Employer M/F

An Equal Employment Opportunity Employer M/F
POSITIONS OPEN

CHAIR JOINT MEDICAL PROGRAM AND TENURED PROFESSORSHIP
UNIVERSITY OF CALIFORNIA (UC)/BERKELEY AND UC/SAN FRANCISCO

The chair will have responsibility for administration of the first 3 years of the joint program at UC Berkeley, for developing faculty and ensuring liaison with UC San Francisco. Together with the Joint Faculty Committee, the chair participates in a joint search committee. The chair should have a medical qualification. However, an exception may be made in the case of an individual who has demonstrated exceptional involvement in medical school administration and who holds an administrative record of scholarly activity. The chair will be expected to participate in all joint searches and make nominations in joint committees. The chair will also participate in the development and administration of the teaching programs. Applicants should send three letters of recommendation to: Chair, Search Committee, Joint Medical Program, School of Public Health, 19 Warren Hall, University of California, Berkeley, CA 94720, by 1 October 1986.

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

POSITIONS OPEN

CHAIRMAN, DEPARTMENT OF BIOCHEMISTRY

The Georgetown University Medical Center invites applications and nominations for the position of chairman, Department of Biochemistry. The department is responsible for teaching general biochemistry to the medical and dental students, and offers an in-depth graduate program. In addition, the department participates extensively in administrative activities in the medical center. Candidates should have a Ph.D. or equivalent degree and have a demonstrated commitment to excellence in teaching, research, and service. Applicants should send three letters of recommendation to: Dr. Kenneth C. Hillman, Search Committee Chairman, Department of Biochemistry, Georgetown University Medical Center, Washington, DC 20007. Applications must be received by 1 October 1986.

An Equal Opportunity Institution

EXECUTIVE SUPERVISOR OF SCIENCE

Provide leadership, curricular, and instructional assistance to undergraduate through twelfth grade Science Office. Must possess MARYLAND Advanced Professional Certificate in science and certification in administration and supervision. Must have successful teaching experience at elementary, middle, junior high, or high school level. Send application, curriculum vitae, copy of all transcripts, and experience verification by 29 August 1986 to: Howard County Public School System 10910 Route 108 Ellicott City, Maryland 21043

Attention: Director of Human Resources

ST. JOHN'S UNIVERSITY COLLEGE OF PHARMACY AND ALLIED HEALTH PROFESSIONS

FACTORIES POSITIONS

Applications are invited for three tenure-track positions at the ASSISTANT OR ASSOCIATE PROFESSOR level in each of the following areas: (i) pharmacology, (ii) medicinal chemistry and (iii) toxicology. A Ph.D. in pharmacy or a related field is desirable. The successful candidate will be expected to teach, research, and serve on departmental committees. Applicants should send a letter of application, curriculum vitae, and names of three references to: Dr. Howard C. Hays, Chair, College of Pharmacy and Allied Health Sciences, College of Pharmacy and Allied Health Professions, St. John's University, Jamaica, NY 11439

An Equal Opportunity Employer (M/F)

OBSTETRICS AND GYNECOLOGY, UNIVERSITY OF MINNESOTA, seeks a FACULTY MEMBER to teach and conduct research in MATERNITY/PERINATAL MEDICINE. Candidates with 6 years post M.D., Board-qualified or certified, in maternal-perinatal medicine will be considered at the associate professor level in a tenure-track position. Candidates meeting the above requirements, having attained professional accomplishments in research and writing, and demonstrating effectiveness in teaching and academic advising will be considered at the associate professor level with tenure. Candidates should have at least eight years experience. A faculty member will be considered at the professor level with tenure. Recruiting deadline 30 October 1986. Contact: Bruce A. Work, Jr., M.D., Professor, Dept. of Obstetrics and Gynecology, Box 395 UMC, University of Minnesota, 420 Delaware Street S.E., Minneapolis, Minnesota 55455

The University of Minnesota is an Equal Opportunity Educator and Employer, and specifically invites and encourages applications from women and minorities.

CLINICAL CYTOMATICIAN

The Department of Genetics is seeking a Ph.D./M.D. who is Board-eligible/certified (American Board of Medical Genetics). Other candidates with strong background in human genetics may apply (in-house 2-year training program available). Send resume, relevant reprints, and three letters of reference to: Dr. Raj Bharathur, Department of Genetics Roche Bio/Medical Laboratories, Inc. 69 First Avenue, Raritan, NJ 08869

An Affirmative Action/Equal Opportunity Employer.

EUKARYOTIC MOLECULAR BIOLOGIST/MOLECULAR GENETICIST: Available 1 January 1987, an 11-year tenure-track position as assistant professor and assistant nematologist. Research, teaching, and student advising responsibilities in the areas of molecular biology, biochemistry, and genetics. Ability to work effectively with nematodes. The appointee will be expected to develop a strong research program on the genetic and molecular bases of nematode/plant interactions. A Ph.D. in a biological science, with experience in molecular biology and molecular genetics, and a record of research productivity is expected. Application deadline: 1 October 1986. Send statement of research and teaching interests relative to applying expertise in nematology, original undergraduate and graduate publications, manuscripts, reprints of relevant publications, and submitted manuscripts, names, and addresses of at least three references to: Dr. K. Phillip Y. G. Kaya, Search Committee Chair- man, Department of Plant Sciences, University of California, Davis, California 95616. The University of California is an Affirmative Action/Equal Opportunity Employer.