Personnel Placement

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Positions Open

ACADEMIC FACULTY POSITION IN BIOCHEMISTRY AND MOLECULAR BIOLOGY
MAYO CLINIC, MAYO MEDICAL SCHOOL, AND MAYO GRADUATE SCHOOL OF MEDICINE

Department of Biochemistry and Molecular Biology seeks applications for a faculty appointment at the associate or full professor level, depending on qualifications. Preference will be given to outstanding molecular or developmental biological expertise in somatic cell and germline gene transfer techniques. Highly qualified individuals with other molecular biology research interests are also encouraged to apply. The Mayo Clinic offers an outstanding research environment in a medical and academic setting. Send curriculum vitae, statement of research interests, and numbers of three references by 15 February 1988 to: Dr. Michael J. Gerts, Chairman, Search Committee, Department of Molecular Biology, Mayo Clinic/Foundation, Rochester, MN 55905, An Equal Opportunity/Affirmative Action Institution.

ANALYST IN INFORMATION SCIENCE AND TECHNOLOGY
GS-9/11 and/or GS-12
THE LIBRARY OF CONGRESS

Congressional Research Service Science Policy Research Division

Duties: Prepares reports and memoranda on policy issues of legislative concern, within full publication environment. Preparation includes research, writing, and presentation of findings. Applications may be submitted electronically by completing the on-line application at the Library of Congress Web site at http://www.loc.gov/jobs. For more information, please call the Personnel Office at 202-707-5555.


POSITIONS OPEN

ANIMAL PHYSIOLOGIST
Applications are invited for a full-time, tenure-track teaching position. Responsibilities, which will begin 17 August 1987, include general physiologic study. Preference will be given to candidates who have demonstrated expertise and technical feasibility in the design and implementation of studies in mammalian physiology. The position is expected to be available in May 1987. All inquiries should be made to: Dr. Stephen W. Puller, Chairman, Search Committee, Biology Department, Mary Washington College, Fredericksburg, VA 22401-3538.

ASSISTANT PROFESSOR, Department of Physiology in the School of Medicine at Southern Illinois University at Carbondale is seeking to fill a tenure-track, state-funded position, available 1 July 1988, at the assistant professor level. The University offers an earned doctorate, a vigorous research program, a sound publication record, and should be capable of attracting external funding. The candidate should be expected to contribute to the Department's teaching commitments in the Medical School and College of Science curricula. The Department of Physiology in the School of Medicine at Southern Illinois University at Carbondale, a large and diverse state institution of approximately 24,000 students located in a scenic, rural setting. The Department has a full-time faculty of 18 and a research program in medical, research interests and facilities. Processing of applications will begin 1 December 1987 and will continue until the position is filled. Applicants should forward their curriculum vitae, an outline of their research interests, and the names of three references to: Chair of the Search Committee, Dr. Arthur M. Styles, Department of Physiology, School of Medicine, Carbondale, IL 62901-6512. Southern Illinois University at Carbondale is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, non-tenure-track position in biopsychology/neuroscience. University of Rochester, Rochester, New York. The Department of Psychology has half-time research/half-time teaching position available for a 4-year period that can be filled immediately. Applicants should have a Ph.D. in neurobiology, psychology, human neurobehavior, experimental psychology or biopsychology. The teaching load consists of two courses per academic year; one course is a basic course in psychobiology for psychology majors, and the other is an upper-division neuroscience course. The appointment is for a 3-year period, and the candidate should have a demonstrated interest in research. Persons with specialization that can enhance and who are willing to collaborate with a research group assessing neurotransmitter development (particularly of catecholamines) and the effect thereon of developmental perturbations (arrests of organization of stress responses) should apply. The University of Rochester is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, ANATOMY AND NEUROBIOLOGY
Applications are invited for a tenure-track position commencing 1 July 1988. Applicants must have a doctoral degree and extensive postdoctoral experience. The University of California at Irvine, Department of Anatomy and Cell Biology, is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

Charles, Research associate, 1981; 17 years of experience in industry and general research. Enzyme, protein, membrane protein, and antibody purification, characterization and function, secretion, membrane transport. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Joel, Research associate, 1983; 1 year of experience in molecular biology. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Bob, Research associate, 1984; 15 years of experience in cell biology and membrane research. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Jim, Research associate, 1985; 10 years of experience in molecular biology. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Mary, Research associate, 1986; 8 years of experience in molecular biology. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Tom, Research associate, 1987; 7 years of experience in molecular biology. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Gary, Research associate, 1988; 5 years of experience in molecular biology. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.

Positions Wanted

Cell Biologist, Ph.D., with extensive research experience (cell biology), seeks teaching/research position in/near New York City. Box 172, SCIENCE.

Ph.D., Cytogeneticist. Board-certified in clinical cytogenetics with good experience in cancer cytogenetics and molecular diagnosis of cancer. Seeking service-oriented position in a hospital or medical school. Box 172, SCIENCE.

Physiology, Ph.D., with several years of teaching experience in general human physiology, research experience in exercise physiology, and experience in junior/senior level physiology laboratory. Seeks a position in a training institution. Box 172, SCIENCE.

Protein Biochemist, Research associate, 1981; 17 years of experience in industrial and basic research. Enzyme, protein, membrane protein, and antibody purification, characterization and function, secretion, membrane transport. Seeks research/academic/industrial position in Canada. Box 161, SCIENCE.
POSITIONS OPEN

WASHINGTON UNIVERSITY
DEPARTMENT OF PHARMACOLOGY

Seeking an outstanding scientist for a tenure-track ASSISTANT PROFESSOR position. The individual must be capable of developing a strong, independent research program which will complement existing programs in pharmacology, biochemistry, and neurobiology. Send curriculum vitae and a summary of research interests and plans to: E. M. Johnson, Jr., Department of Pharmacology, Washington University Medical Center, 660 South Euclid Avenue, St. Louis, MO 63110. Washington University is an Equal Opportunity Employer.

ASSISTANT PROFESSOR OF BIOCHEMISTRY

Applications are invited for a 12-month tenure-track position in the area of molecular or cellular biology. Responsibilities include participation in our undergraduate and graduate teaching program, and the development of a vigorous independent research program in an area of eukaryotic molecular or cellular biology which would be complementary to a joint appointment in the College of Agriculture and the Mississippi Agricultural and Forestry Experiment Station. A Ph.D. in biochemistry or closely related discipline, with postdoctoral experience is required. Please send résumé, graduate transcripts, summary of research interests, and names of three references to:

R. P. Wilson, Head, Department of Biochemistry
Post Office Drawer BB
Mississippi State, MS 39762

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

ASSISTANT PROFESSOR OF BIOLOGICAL CHEMISTRY AND MOLECULAR PHARMACOLOGY

HARVARD MEDICAL SCHOOL

The Departments of Biological Chemistry and Pharmacology at Harvard Medical School have recently been fused to create a new and expanding department with research interests in biochemistry and molecular pharmacology, and molecular and cellular biology. Applications are now being sought for two tenure-track assistant professor positions in any of these areas. Candidates should also expect to participate in the education of graduate and/or medical students. Candidates should send curriculum vitae and a one-page statement of anticipated research directions, and arrange to have at least three letters of recommendation submitted to:

Chairperson, Search Committee, Department of Biological Chemistry and Pharmacology, Harvard Medical School, 250 Longwood Avenue, Boston, MA 02115. Harvard Medical School is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF BIOLOGY

Oxford College of Emory University, located 35 miles east of Atlanta, seeks to fill a full-time, tenure-track position in the Department of Biology beginning fall semester 1988. Applicants must have Ph.D. or equivalent and a strong commitment to teaching in a small, residential, liberal arts college. Preference will be given to candidates who have teaching experience beyond graduate school. Applicants must be prepared to teach both major and non-major courses. Send letter of application, résumé, and names, addresses, and telephone numbers of three references by 15 January 1988 to: Dr. William E. Baird, Chairman, Division of Natural Science and Mathematics, Oxford College of Emory University, GA 30204. Emory University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSORS—PHARMACOLOGY

Eastern Virginia Medical School has positions available for tenure-track positions in the pharmacology and cellular pharmacology. Candidates should have earned a Ph.D. in pharmacology or related discipline, at least 2 years of postdoctoral experience, and be capable of planning and carrying out a vigorous, externally funded research program. Applicants should submit curriculum vitae, a description of research interests and goals, and a list of three references to: Dr. Donald A. Calhoun, Search Committee, Department of Pharmacology, Eastern Virginia Medical School, P.O. Box 1980, Norfolk, VA 23501. Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF CHEMISTRY

UNIVERSITY OF MASSACHUSETTS

A new tenure-track position open in fall 1988 as part of a major expansion of the department. The major research emphasis is in chemical research on important biological problems including molecular biology. Proposals are especially welcome for a candidate to establish a new program in molecular biology. Candidates should have a major role of a planned new 500 MHz facility in research at the biologi- chal-chemical interface. Applicants may have a doctoral degree in any area of chemistry, but must have had considerable experience, including 1 year of postdoctoral research, in the chemical-biological area. Salary appropriate to qualifications. Submit résumé, a statement of research plans, and three letters of recommendation to: Professor L. D. Quin, Department of Chemistry, LGRT A, University of Massachusetts, Amherst, MA 01003. Review of all materials 30 November 1987. An Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR IMAGING SCIENTIST

The Department of Physiology, in conjunction with the University of Maryland Biotechnology Center, seeks an investigator with a strong background in physics, optical, and electrical problems related to image acquisition and analysis. Applicants for this tenure-track position must have the ability to obtain independent research funding as well as interest in participating in an interdisciplinary program involving the application of imaging methods to biological problems. Applicants should have a detailed statement of past experience and future research plans, and names of three professional references to: Dr. James B. Wade, Faculty Search Committee, Department of Physiology, University of Maryland School of Medicine, 655 West Baltimore Street, Baltimore, MD 21201. The University of Maryland is an Equal Opportunity/Equal Access University.

ASSISTANT PROFESSOR IMMUNOLOGY/MICROBIOLOGY

The Department of Medical Microbiology and Immunology, College of Medicine, Texas A&M University invites applications for a tenure-track faculty position at the assistant professor level. This faculty member will be expected to participate in departmental medical and graduate student teaching programs and to establish a vigorous and independent research program. Postdoctoral research experience is preferred. Initial research and equipment purchases are available since the department is located within the campus of Texas A&M University, opportunities for students to be involved with the expanding University faculty and for participation in campus-wide graduate programs in molecular biology and genetics also exist. Interested applicants should submit curriculum vitae, reprints and a list of three references to: Dr. Karin Ippen-Ihler, Department of Medical Microbiology and Immunology, Texas A&M University, College Station, TX 77843. An Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR OF PHARMACOLOGY

University of Medicine and Dentistry of New Jersey—New Jersey Medical School (UMDNJ—NJMS)—Department of Pharmacology has an opening for an assistant professor in the area of cardiovascular pharmacology. Candidates must have a doctoral degree, with postdoctoral training in pharmacology and a strong capacity for independent research which has a high probability of attracting external financial support. Some teaching experience is desirable since the position requires participation in all teaching programs and includes supervision of medical and dental graduate students. The Newark campus of the University is located on a modern, 50-acre new campus and is in close proximity to a wide variety of desirable living facilities. Send curriculum vitae and a letter to: Dr. George A. Condruski, Professor and Chairman, Department of Pharmacology, UMDNJ—New Jersey Medical School, 185 South Orange Avenue, Newark, NJ 07103—2757. An Equal Opportunity Employer M/F/H/V.

M.D. or M.D./Ph.D. Cardiovascular physiologist/ pharmacologist to head and establish program of collaborative research between Cardiology and Pharmacology. Primary appointment is open to Cardiology. Consideration will be given to applicants working on problems of myocyte injury due to hypoxia/ischemia/reoxygenation, with emphasis on altered function of membranes/organ- ells and importance of changes in ion concentrations, especially calcium. Position available 1 July 1988. Send curriculum vitae, statement of interests, reprints, three letters of recommendation to: Dr. D. J. Fox, Box 679, University of Rochester Medical Center, Rochester, NY 14642. An Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR PHYSIOLOGY

The Department of Zoology invites applications for a full-time, tenure-track position in teaching and research involving graduate and undergraduate students. Applicants must have a Ph.D., postdoctoral experience preferred, and potential to develop an independent externally funded research program in areas of comparative, cellular, or endocrine physiology. Outstanding candidates in the latter two areas of physiology will be given special consideration. Application deadline: 25 November 1987, or until position is filled. Submit curriculum vitae with transcripts, statement of research interests and plans, and three letters of recommendation to: Dr. C. F. Bailey, Chairman, Search Committee, Zoology Department, SE 64, University of Arkansas, Fayetteville, AR 72701. An Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR: The Biology Department of the University of Texas at Arlington (UTA) seeks a PHYSIOLOGICAL ECOLOGIST working with aquatic lower vertebrates or invertebrates for a tenure-track position starting Fall 1988. UTA (23,000 enrollment) is located between Dallas and Fort Worth. The Department of 22 faculty and 40 graduate students occupies 60,000 square feet of research/faculty facilities. Applicants should send curriculum vitae, recent publications, statement of research interests, and four letters of recommendation to: Chairman, Search Committee, Department of Biology, The University of Texas at Arlington, Arlington, TX 76801. Search will open 5 January 1988. UTA is an Equal Opportunity/Affirmative Action Employer.

DEPARTMENT OF PSYCHOLOGY

McGILL UNIVERSITY

Applications are invited for a tenure-track position at the ASSISTANT PROFESSOR level in behavioral neuroscience/physiological psychology. Send curriculum vitae, publications, statement of interest and current status, and three confidential letters of recommendation to: J. O. Ramsay, Department of Psychology, McGill University, 1285 Place de la Concorde, Montreal, Quebec, Canada H3A 1B1.

ASSISTANT PROFESSOR OR ASSOCIATE PROFESSOR OF MICROBIOLOGY AND IMMUNOLOGY

UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE

The Department of Microbiology and Immunology, as part of a process of growth, is seeking to fill a position at the level of assistant professor (tenure-track; associate professor candidates will also be considered) in eukaryotic molecular virology. The candidate is expected to develop a strong independent research program. Generous space and start-up funds will be provided to the successful candidate.

Applicants should provide the search committee with current curriculum vitae, at least three letters of recommendation, and a brief statement of future research interests and plans. The first series of candidates will be considered after 25 November 1987 and applications will be accepted until the position is filled. Screening is negotiable.

Send applications to: Dr. K. N. Subramaniam, Chairman, Molecular Virology Search Committee, Department of Microbiology and Immunology, University of Illinois College of Medicine at Chicago, P.O. Box 6998, Chicago, IL 60680.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.
ASSISTANT/ASSOCIATE PROFESSORSHIPS IN MICROBIOLOGY

The Department of Bacteriology and Biochemistry at the University of Idaho is inviting qualified scientists to apply for 3 tenure track positions. These are fiscal year (12 month) appointments at the rank of Assistant or Associate Professor and the starting date is Spring to Summer 1988. Salary is competitive and, along with rank, is dependent upon experience. Applicants should have post-doctoral experience and documented research capability. For all 3 positions, special consideration will be given to individuals who have experience in applying contemporary molecular techniques to research problems in the designated areas. To apply, send a letter of application that includes a statement of current and proposed research and teaching experience and interests, a curriculum vitae, transcripts and letters from three references to the appropriate search committee chairperson (indicated below) at Department of Bacteriology and Biochemistry, University of Idaho, Moscow, Idaho 83843. Review of applications will begin December 15, 1987.

PATHOGENIC MICROBIOLOGY (SEARCH EXTENDED): Scientists with a Ph.D. in microbiology, immunology, or molecular biology and research interests that relate to infectious diseases of production animals/livestock are encouraged to apply for this position. The successful candidate is expected to develop a research program with application to animal disease (65%), participate in the instruction of medical microbiology (35%), and train graduate students. Search Committee Chair: Dr. David J. Oliver.

FOOD MICROBIOLOGY: Scientists with a Ph.D. in microbiology or related discipline and teaching and research interests in Food Microbiology are encouraged to apply for this position. The successful candidate is expected to develop a research program in Food Microbiology (50%), teach food microbiology and general microbiology once per academic year (50%), and train graduate students. Search Committee Chair: Dr. Richard C. Helmsch.

MICROBIOLOGY: Scientists with a Ph.D. in microbiology or related discipline and teaching and research interests in microbial ecology, mycology, modern microbial taxonomy, or anaerobic microbiology are encouraged to apply for this position. The successful candidate is expected to develop an active research program (50%), teach general microbiology and an upper division/graduate course related to his/her area of expertise once per academic year (50%), and train graduate students. Search Committee Chair: Dr. Richard C. Helmsch.

The University of Idaho is an equal opportunity/affirmative action employer and educational institution.

Protein Biochemistry

The Protein Biochemistry Department of Smith Kline & French Laboratories, located in Upper Merion, PA, is seeking a substance to conduct experiments in protein isolation, characterization, fragmention and modification.

Candidates are required to have:
- B.S./B.A. in Biochemistry, Chemistry or Biology, at least three years relevant experience in protein purification. M.S./M.A. with two years experience preferred. Good knowledge of extraction and solubilization methods, column chromatography including HPLC and electrophoresis required.
- Experience in operation and maintenance of automated HPLC equipment required.
- Knowledge of basic techniques for protein assay including SDS-PAGE, Western blots, HPLC and EIA.
- Excellent written and oral communication skills required.
- Ability to work independently.

We offer an excellent compensation and benefits program. For confidential consideration, please send your C.V. and the names of three references to Robert F. Obst, Manager, Personnel Relations, R101, Smith Kline & French Laboratories, Research and Development Division, P. O. Box 1539, King of Prussia, PA 19406-0393. We are an Equal Opportunity Employer, M/F/H/V.

Colgate-Palmolive

RESEARCH SCIENTIST

TOXICOLOGY

Colgate-Palmolive's Research & Development Division is currently searching for a talented Ph.D. to join its Toxicology Group. Major responsibilities include the development and evaluation of in vitro testing procedures, general toxicology data interpretation of reviews on ingredients and product formulations, and key interactions with R&D consumer product areas on a variety of safety evaluation projects.

To qualify for this challenging bench opportunity, the successful candidate will possess a Ph.D. in Pharmacology, Toxicology, Microbiology, or Cell Biology have up to 2 years experience, and demonstrated technical expertise in Cell Culture Techniques.

Colgate-Palmolive is an international leader in household and personal care products. Some well-known brands include Colgate Toothpaste, Palmolive Automatic, Palmolive Dishwashing Liquid, Fresh Start Laundry Detergent, Fab with Fabric Softener, Irish Spring Soap, and the international line of Ajax products.

The Corporate Research Center is located on an 80-acre campus in suburban Central New Jersey, near Rutgers and Princeton universities and one hour from Manhattan.

We offer competitive compensation and attractive benefits. For immediate consideration please forward resume with salary history in confidence to: Mr. Ron Thomas, Human Resources Department MS-23, 909 River Road, Piscataway, NJ 08854.

BEHAVIORAL NEUROSCIENTIST

The Neuroscience Research Branch of the National Institute of Mental Health has an immediate opening for a senior behavioral neuroscientist to serve as the Chief, Biobehavioral Research Program, a major grant support program in the Branch. The major focus of the Biobehavioral Research Program is to support research examining the neural mechanisms of behavior with a view toward understanding how that behavior comes into existence and how it is regulated. Specific areas of interest include: perception, attention, learning and memory, cognitive processes; homeostatic mechanisms; and complex behaviors such as reproductive, nurturant and social behaviors. Approaches include, but are not limited to, anatomical, physiological, chemical and genetic, with a focus on either the effect of behavioral changes on central nervous system function or on the effects of changes in the nervous system on behavior.

The Chief of the Biobehavioral Program is responsible for planning, developing, administering, and making funding recommendations on grants assigned to the program. The ideal candidate will have a Ph.D. in a biological science and/or an M.D. with post-doctoral research training and a strong background in independent research on brain structure and function related to behavior. This position is a competitive CNS-13 with a salary range from $38,727 to $50,346 per annum or GS-14 with a salary range from $45,763 to $58,488 per annum, located in Rockville, MD. U.S. citizenship is required.

Send applications (curriculum vita and SF 171) to J. Harris, Personnel Specialist, Room 15C-18, 5600 Fishers Lane, Rockville, MD 20857, (301) 443-4046.

NATIONAL INSTITUTE OF MENTAL HEALTH

Alcohol, Drug Abuse and Mental Health Administration

U.S. Public Health Service

AN EQUAL OPPORTUNITY EMPLOYER
WOODS HOLE OCEANOGRAPHIC INSTITUTION
POSTDOCTORAL FELLOWSHIPS

Ocean Science and Engineering
Applications are invited from new or recent doctorates in science or engineering with interests in physical oceanography, marine chemistry, marine geology and geophysics, biological oceanography, or oceanographic engineering. Recipients of awards are selected on a competitive basis, with primary emphasis placed on research promise.

Marine Policy and Ocean Management
Research fellowships are offered to individuals in the social sciences, law, the humanities, or natural sciences to apply their training to problems or issues that involve the use of the oceans. Presently research follows thematic areas such as Marine Science and Public Policy; Ocean Jurisdictions, Law of the Sea, and International Relations; Development and Management of Ocean Resources; and Areawide Planning and Management. Emphasis is placed on the economics of ocean space and on the role of science in governmental and industrial decision making. Topics of special current interest include marine biological diversity, the quality of marine habitats and marine reserves, and the impacts of sea-level change. Other research interests are also appropriate.

Fellowships are awarded for one year with a stipend of $26,000 plus group health insurance and a modest research budget. Recipients are encouraged to pursue their own research interests independently or in association with resident staff. Completed applications must be received by January 15, 1988 for 1988-89 awards. Awards will be announced in March. Write for application forms to: Dean of Graduate Studies, P.O. Box S, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts 02543

Equal Opportunity/Affirmative Action Institution

Associate Senior Investigator
Molecular Genetics/Biology

The Department of Cell Biology at Smith Kline & French Laboratories, located in suburban Philadelphia, Pennsylvania, in a new state-of-the-art research complex, has an immediate opening for an Associate Senior Investigator to join a research team investigating the role of polypeptide growth factors and other therapeutic agents in the treatment of colon cancer and other proliferative diseases.

Responsibilities will include directing and performing mutagenesis studies of transforming growth factors to elucidate the structure-activity relationships, cloning and expressing novel epithelial transforming growth factors and developing strategies for exploring therapeutic potential of growth factor agonists/antagonists in various proliferative diseases.

Candidates are required to have a Ph.D. in Molecular Genetics/Biology with a minimum of two years relevant experience in random and site directed mutagenesis, cloning and expression of biologically active proteins in various expression systems and excellent communication skills, including a good publication record. Experience in polypeptide growth factors is preferred.

We offer an excellent compensation and benefits package and an attractive relocation policy as well as opportunities for personal and professional growth. Publication of research data is encouraged and supported.

For confidential consideration, send your curriculum vitae and the names of three references to Robert F. Obst, Manager, Personnel Relations, Smith Kline & French Laboratories, Research and Development Division, P. O. Box 1539, King of Prussia, PA 19406-0539. We are an Equal Opportunity Employer, M/F/H/V.

SK&F
A SmithKline-Beecham Company

SERNOR RESEARCH BIOCHEMIST

The Merrell Dow Research Institute, located in suburban Cincinnati, has an immediate opening for a Senior Research Biochemist. Candidates should have a Ph.D. in biochemical pharmacology, biochemistry or related areas with 1-3 years of postdoctoral experience. Our laboratory is currently involved in the search for new chemotherapeutic strategies for the treatment of malaria with emphasis on the inhibition of polyamine biosynthesis and function. Experience with enzymology, HPLC and cell culture is desirable. The successful candidate will be involved in identifying potential enzyme (or other) targets for the development of new chemotherapeutic agents for the treatment of malaria and other parasitic diseases.

We offer a good starting salary along with a liberal benefits package and relocation assistance. Please send resume including salary history and names of three references in confidence to:

Merrell Dow
Job Code AJB
Personnel Services Manager

MERRELL DOW RESEARCH INSTITUTE
2110 East Galbraith Road
Cincinnati, OH 45215

U.S. Citizenship or Permanent Visa Required
Equal Opportunity Employer M/F/H/V

Associate Senior Investigator
Molecular Genetics/Biology

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SK&F
A SmithKline-Beecham Company

Postdoctoral Fellow
Protein Engineering

A challenging opportunity to become part of a major, high-profile protein design effort. We are seeking a highly motivated scientist interested in protein structure/function to work on a project involving thrombolytic agents. Background in chemistry or protein chemistry as well as some training in molecular biology required. Some background in the area of cardiovascular biology would also be desirable but not necessary.

Duration of appointments will be two years, with the possibility of extension. Excellent benefits are also provided. Please send curriculum vitae, names of three references and a short summary of research interests to: Sherrie Wilkins, Genentech, Inc., 460 Point San Bruno Blvd., South San Francisco, CA 94080. An equal opportunity employer.

Genentech, Inc.
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RESEARCH SCIENTIST

The Research Triangle Institute is seeking qualified individuals with experience in one or more of the following areas:

- Dosage formulation/testing/analysis
- Clinical chemistry
- Measurement of xenobiotics in biological matrices

Applicants should have a Ph.D. in Chemistry/Biochemistry/Pharmaceutical Chemistry with appropriate research accomplishments. Additional training/experience is desirable.

Successful candidates will participate both in existing programs and in the development of new or expanded research areas. RTI is located in the Raleigh/Durham/Chapel Hill area of North Carolina, which offers an excellent standard of living, and is a center of pharmaceutical, environmental and other scientific research. We offer a competitive salary and a comprehensive employee benefits package.

Interested applicants should send their curriculum vitae and letter of interest to:

Research Triangle Institute
Office of Personnel (CLS-J)
P.O. Box 12194
Research Triangle Park, NC 27709

An Equal Opportunity/Affirmative Action Employer

PROJECT MANAGEMENT PHARMACEUTICAL

The Parke-Davis Pharmaceutical Research Division has a position open for a self-motivated individual looking for a challenging career advancement opportunity in R&D project management. We are looking for candidates with solid scientific credentials and experience in new product development or project management activities within the pharmaceutical industry.

The position, a Senior Project Supervisor, is a member of new product development teams and must utilize effective project management techniques in order to support the development of potential new products emanating from our highly productive research staff. Principal responsibilities will be to:

- Participate in overall project development strategy design necessary to achieve worldwide objectives.
- Conduct analysis of project schedules and strategies on possible problem areas and contingency planning.
- Address key resource issues to senior R&D Management’s attention.
- Integrate the project operating plans with the worldwide strategic planning of the R&D Division.

The successful candidate will have proven excellent interpersonal skills, problem solving techniques, writing and oral communication abilities. Experience in business/sales activities, planning, general management techniques, and/or formal coursework in an MBA program will be considered a significant advantage.

Our research facility is located in Ann Arbor, adjacent to the University of Michigan. The successful candidate will enjoy excellent salary, benefits, and working and living environment. Qualified candidates who would like to join our outstanding team of scientists should send resume, salary requirements, and references, in confidence to: Ms. M. Wolin, Parke-Davis Pharmaceutical Research Division, 2800 Plymouth Rd., Ann Arbor, MI 48105.

“Equal Opportunity In Action”

PARKE-DAVIS
DIVISION OF WARNER-LAMBERT COMPANY

Senior Project Managers

- Molecular Biology
- Protein Chemistry

The continued expansion of our cancer therapeutics programs in collaboration with a major pharmaceutical company has resulted in the creation of two senior positions.

Each position involves the management of 8-10 Ph.D.’s and research associates whose work is focused in the area of oncogene and growth factor technology. Applicants should have 5+ years of relevant post-doctoral experience with a proven track record in academia, the pharmaceutical industry or biotechnology. Applicants with less experience but with outstanding credentials are also encouraged to apply.

Successful candidates, who will report directly to the Divisional Director, will be responsible for the day-to-day management of individual project teams and would be expected to play a major role in defining the detailed objectives and priorities of the overall program.

Our new 40,000 sq. ft. research facilities are attractively located on the North Shore of Long Island, only a 20 minute drive from downtown Manhattan. Interested applicants should send their curriculum vitae and the names and telephone numbers of at least three references to Dr. J. Gordon Foulkes, Director of Therapeutics, Oncogene Science Inc., 350 Community Drive, Manhasset, New York 11030.

Division Of Therapeutics—Innovative drug discovery for cancer therapy.
ASSISTANT OR ASSOCIATE PROFESSOR OF BIOLOGY

A tenure-track faculty position is available starting in the fall of 2022 in the Department of Biology, at a baccalaureate level invertebrate zoology, and introductory biology. Preference will be given to candidates who have demonstrated postdoctoral teaching expertise at the college or university level, as well as evidence of a successful and active research program involving invertebrates. The salary range is from $22,000 to $28,000 depending upon qualifications of the candidate. Applicants should submit a letter of application, describing teaching philosophy and goals, curriculum vitae, representative reprints and three letters of recommendation to: Dr. Richard K. Hines, Chair, Biology Search Committee, Department of Science and Mathematics, 39 High Street—Preble Hall, University of Maine at Farmington, Farmington, ME 04938. The closing date for applications is 1 December 1987. The University of Maine is an Equal Opportunity Employer and specifically invites and encourages applications from women and minorities.

STANFORD UNIVERSITY
DEPARTMENT OF GENETICS
ASSOCIATE PROFESSOR OR ASSOCIATE PROFESSOR

Having scientific interests in areas of human genetics and/or molecular biology, tenure-track positions that involve teaching and independent research. Send curriculum vitae, bibliography, summary of research interests and teaching experience to: Dr. Luigi L. Cavalli-Sforza, Chairman, Department of Genetics, Stanford University Medical Center, Stanford, CA 94305.

ASSISTANT SPECIALIST I position available beginning 1 January 1988 in the Division of Molecular Plant Biology, University of California, Berkeley. Candidate must have a Ph.D. in biochemistry, and a minimum of 2 years of postdoctoral experience in the biochemistry of plant cell development, preferably in abscisic acid research. Experience in enzyme purification and protein characterization, gel electrophoresis, immunochemistry, antibody conjugations, immunoblotting, membrane isolation and chromatography is required. Experience in cell culture and protoplast isolation is highly desirable. Responsibilities will entail conducting fundamental research in the biogenesis of abscisic acid in plant cells with particular emphasis on biosynthesis and secretion of cell wall hydrolases and assist in set up and organization of laboratory. Send curriculum vitae and names and addresses of three references by 15 December 1987 to: Dr. Lowell N. Lewis, 2120 University Avenue, 7th floor, Berkeley, CA 94720. The University of California Berkeley is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE DIRECTOR/CLINICAL TRIALS:

Will assume primary responsibility for management of clinical trials and related research involving domestic and international studies of contraceptive products. The successful candidate will possess scientific expertise and hold a Ph.D., M.D., or equivalent in reproductive biology, pharmacology, or related fields with a minimum of 2 years of postdoctoral experience, preferably in clinical and related research. Specific activities will include design, implementation, and management of research projects, preparation and review of scientific publications and regulatory documents, and participation in clinical research. Salary dependent on qualifications. Send résumé to: Personal Health Information, Post Office Box 13950, Mail Code C778, Stanford, CA 94309-3950, or, Department of Obstetrics and Gynecology, Box 717709, Stanford, CA 94309. An Equal Opportunity/Affirmative Action Employer, M/F/H.

The Department of Chemistry, Yale University invites applications for a tenure-track position at the level of either ASSOCIATE PROFESSOR or PROFESSOR, as appropriate, in the area of biological chemistry. An outstanding, established teacher-scholar is sought whose research interests will complement those of the current staff. The position is to be occupied in the academic year 1988 to 1989. Applicants should send a curriculum vitae, and a list of publications to: Professor Peter B. Moore, Chairman, Senior Search Committee, Department of Chemistry, Yale University, 224 Prospect Street, P.O. Box 208100, New Haven, CT 06520-8100 before 15 December 1987. Yale University is an Equal Opportunity/Affirmative Action Employer.

Tulane University School of Medicine—Seeking ASSOCIATE PROFESSOR OR PROFESSOR OF Medicine in the Endocrine Section of the Department of Medicine to fill the newly established Tullis—Tulane Alumni Positions. The individual selected must be Internal Medicine Board-certified, and Endocrine/ Metabolic Board-certified. The position involves teaching, patient care, and research responsibilities. Apply to: C. Y. Bowers, M.D., Assistant Dean for Medical Education, 1430 Tulane Avenue, New Orleans, LA 70112. Include updated curriculum vitae: Tulane University is an Equal Opportunity/Affirmative Action Employment Opportunity Employer.

ASSOCIATE RESEARCH SCIENTIST

We have an opening for an associate research scientist to supervise the Thrombosis Research Laboratory for the performance of basic and applied research studies in areas relevant to coagulation and related areas. Experience in basic research involving small molecule analysis, animal models and human subjects and patients. A doctoral degree or an equivalent combination of education and experience is required. Several years of experience in experimental coagulation assays is required. Contact: Darris Goedert, Administrator, Department of Internal Medicine, College of Medicine, University of Iowa, Iowa City, IA 52242. Telephone: 319-356-2850. The University of Iowa is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE CHIEF DEPARTMENT OF GYNECOLOGIC ONCOLOGY

The Department of Gynecologic Oncology, at Roswell Park Memorial Institute, Buffalo, New York is recruiting a Director of Gynecologic Oncology Research. This is a full-time faculty position requiring Board certification or Board eligibility in Gynecologic Oncology with special basic science background. Responsibilities will be divided between the administration and supervision of Gynecologic Oncology Research, supervision of scientific faculty and postdoctoral fellows, gynecologic oncology fellows during their research year, and clinical gynecologic oncology. If interested, please send curriculum vitae to: M. Stevenson, M.D., Chief, Department of Gynecologic Oncology, Roswell Park Memorial Institute, 6666 Main Street, Buffalo, NY 14260.

BIOCHEMISTRY/DEPARTMENT OF BIOLOGY

The Department of Biochemistry and Biophysics is seeking applications for FACULTY POSITIONS. These are 12-month, tenure-track positions to be filled September 1988. Academic rank is open and dependent upon experience and qualifications. Outstanding individuals having research interests dealing with the molecular aspects of regulation, structure, mechanism, or function of specific protein and plant systems are sought. In addition to research, participation in the department undergraduate and graduate teaching programs will be required. A Ph.D. in either biochemistry or related field, plus appropriate postdoctoral experience is required.

Applications should be submitted, including a curriculum vitae, list of publications, three letters of recommendation, and a statement of research directions, and have three letters of reference sent to: Dr. James Wild Department of Biochemistry and Biophysics Rockefeller University College Station, TX 77840-2128 Applications will be accepted until 15 December 1987, or until a suitable candidate is found. The Texas A&M University System is an Affirmative Action/Equal Opportunity Employer.

BIOCHEMISTRY/MOLECULAR BIOLOGY

The Department of Biochemistry and Biophysics invites applications at both the Associate Professor level and the tenure-track level for new faculty positions in biochemistry and molecular biology that include Assistant Professorships, an Assistant Professor position, and an Associate Professor position. The Department. Clear evidence of research ability and scholarship are essential requirements. Send résumé, an outline of future research plans, and at least three letters of reference to: Dr. Alton K. Bienenstock, Chairman, Department of Biochemical and Biophysical Sciences, University of Houston, TX 77004. An Affirmative Action/Equal Opportunity Employer.

BIOLOGICAL SCIENCES—ASSISTANT PROFESSOR. Teach seed plant anatomy and physiology, and survey course covering algae, fungi, and plants. Participate in the departmental general biology sequence. Initiate a program of undergraduate research in botany and/or plant biotechnology. Ph.D. in biology or botany with an interest in undergraduate teaching. Nine-month, tenure-track appointment. Summer teaching possible. Employment date: 1 September 1988. Send letters of interest, résumé, and the names, addresses, and telephone numbers of three college or university referees to Dr. David Jordan, Dean, Austin College, Sherman, TX 75091. Equal Opportunity Employer.

BIOLOGIST: DEVELOPMENTAL BIOLOGY. Hampden-Sydney College, a selective liberal arts college for men now enrolling 580 students, seeks an individual with Ph.D. and commitment to undergraduates instruction to teach introductory biology, developmental biology, vertebrate morphology, and related courses. Research in this area is expected, supported, and encouraged. This is a full-time, academic year, tenure- track position to be filled at the assistant professor level. Applications for the 1988-89 academic year are invited. Candidates should submit résumé, transcripts, and three letters of reference by 15 December 1987 to: Dr. S. R. Gemmings, Chair, Department of Biology, Hampden-Sydney College, Hampden-Sydney, VA 23943. Hampden-Sydney College is an Equal Opportunity Employer.

BIOTECHNOLOGY PUBLISHING

Recently created small biotechnology publisher in partnership with major New York publishing firm has immediate opening for ASSISTANT EDITOR. Seeking individual with biological background and familiarity with computers to assist in editing, producing (via desktop publishing setup), and marketing biotechniques manuals. Excellent opportunity to learn publishing at the cutting edge of science. Salary $20,000 plus booking commission in Carnegie Park, Solar, New York. Telephone: Sarah Greene at 718-965-3626 or send résumé to: Greene Publishing Associates, 430 Fourth Street, Brooklyn, NY 11215.

BIOTECHNOLOGY RESEARCH ASSISTANT

A challenging position for a protein chemistry specialist is open at the Rockefeller University Biopolymer Facility. The position requires a successful applicant to hold a B.S., M.S. and experience in peptide or DNA synthesis. The facility is presently equipped with two gas-phase sequencers, a peptide synthesizer, and a range of general biological and DNA-sequencing equipment. The position is based on qualifications and experience. Excellent benefits and beautiful working environment. Send résumé and letters of recommendation to: Personnel Office, Rockefeller University, 1234 Fifth Avenue, New York, NY 10021. An Equal Opportunity Employer.
**RESEARCH SCIENTIST**  
**Vascular Physiology**  
(PhD in Physiology/Pharmacology/Biochemistry)

SQUIBB CORPORATION, a Fortune 200 Company, is an internationally recognized leader in the research, marketing and manufacture of innovative pharmaceuticals. Currently, we are seeking an individual who can contribute to our commitment to design and develop radiopharmaceuticals that provide functional information on vital organs such as the heart and brain.

You must have an MS/PhD in Physiology, Pharmacology or Biochemistry with experience in the experimental techniques required to determine global and regional organ blood flow under normal and experimentally altered conditions. Your major responsibilities will be to correlate the results of organ perfusion measurements made with new radiopharmaceuticals to those obtained using traditional flow tracers such as microspheres. In addition, you will develop in vivo and in vitro models for examining the uptake and clearance mechanisms of radiopharmaceuticals in specific organs and tissues.

We offer a very competitive compensation package and participation in our comprehensive benefits program. You are invited to submit your resume with salary history to Employment Manager, Department AK-E11287, E.R. Squibb & Sons, P.O. Box 191, New Brunswick, NJ 08903. An equal opportunity employer.

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**SCIENCE, ENGINEERING AND DIPLOMACY FELLOWSHIPS**

**Applications Invited**

The American Association for the Advancement of Science (AAAS), in cooperation with the Agency for International Development (AID) and the Department of State (STATE), is seeking applicants for two or more Science, Engineering and Diplomacy Fellowships. Fellows will spend one year, beginning 1 September 1988, working either in the Bureau of Oceans and International Environmental and Scientific Affairs of the Department of State or in one of several bureaus and offices of the Agency for International Development. Other assignments may also be possible.

Prospective Fellows must demonstrate exceptional competence in some area of science or engineering, be flexible, have some experience and/or a strong interest in applying knowledge toward the solution of problems in the area of foreign affairs, and have a Ph.D. or equivalent in years of experience. Awarded will work on scientific and technical subjects in international affairs: foreign policy for STATE and international development for AID. In general, individuals are urged to apply from any area of physical, biological, behavioral, and social science and engineering and whose experience and training is applicable to any one of the following areas: food and agriculture; health and population; nuclear nonproliferation; scientific exchange; forestry, natural resources, and ecology; oceans and fisheries; communications; national security; and human resources and education, among others.

The Fellows will serve a one-year appointment at a salary consistent with education level and experience, if possible, but not exceeding the GS-12 level (beginning at about $33,000). A security clearance process will be initiated after selection. The clearance must be obtained before a selectee can begin work in the State Department or AID and the fellowship award is contingent upon the selectee obtaining this clearance. Prospective Fellows must be U.S. citizens.

Deadline for receipt of application materials is 15 January 1988. The awards will be announced by mid-April, 1988. For more information and application details write:

Science, Engineering and Diplomacy Fellows Program  
American Association for the Advancement of Science  
1333 H Street, NW  
Washington, DC 20005

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**Postdoctoral Scientist**  
**Respiratory Pharmacology**

The Pharmacology Department of Smith Kline & French Laboratories, located in suburban Philadelphia, PA, is seeking an outstanding individual to fill a challenging postdoctoral scientist position in its Respiratory Section.

The successful candidate will:

- conduct research on the regulation of airway smooth muscle tone.
- integrate biochemical and physiological methodologies to develop a better understanding of the fundamental mechanisms involved in airway smooth muscle contraction and relaxation.
- work collaboratively with intra- and extramural pharmacologists and biochemists interested in post-receptor transduction mechanisms of contractile and relaxant agents.
- publish results in scientific journals; present data at internal, local and national meetings.

Candidates are required to have:

- Ph.D. in Pharmacology, Physiology or Biochemistry with experience in biochemical mechanisms of post-receptor signal transduction.
- an understanding of the physiological and biochemical processes underlying smooth muscle contraction and relaxation.
- ability to assess smooth muscle contractility using in vitro systems is desirable.
- experience conducting biochemical assays relevant to smooth muscle function (e.g., cyclic nucleotides, cyclic nucleotide-dependent protein kinases, phosphatidylinositol metabolism, intracellular Ca²⁺, myosin light chain phosphorylation is desirable.
- a record of publication in major scientific journals.

Our postdoctoral appointments are normally for a two year duration.

We offer excellent compensation and benefits and an attractive relocation policy. For confidential consideration, send your CV and the names of three references to: Robert F. Obst, Manager, Personnel Relations, R0100, Smith Kline & French Laboratories, Research and Development Division, P.O. Box 1539, King of Prussia, PA 19406-0939. We are an Equal Opportunity Employer, M/F/H/V.

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**SQUIBB**  
Where science comes to life.
Theodore Mals. Freeman, Faculty, University of Delaware. We seek candidates who will continue superior achievement in research and who demonstrate commitment to graduate education and to improving university diversity. The position is available immediately; screening will begin 1 November 1987. The search will continue until the position is filled. Send full curriculum vitae, including complete funding and publication record, and names, addresses, and telephone numbers of four references to: Dr. Milton H. Staton, Search Committee Chair, School of Life and Health Sciences, University of Delaware, Newark, DE 19716. The University of Delaware is an Equal Opportunity/Affirmative Action Employer. Women and minorities are urged to apply.

**CELLULAR AND MOLECULAR BIOLOGISTS**

The Department of Biological Science of Florida State University will recruit at least two new assistant professors for appointments in the 1988 to 1989 academic year. We are seeking individuals with postdoctoral experience who can investigate fundamental physiological processes in animals. Areas of specialization include, but are not limited to, neuronal, sensory, effector, endocrine, and cellular transport systems. Departmental facilities include extensive animal care facilities, analytical biochemistry and monoclonal antibody laboratories; a marine laboratory on the Gulf of Mexico; a microcomputer facility; TEM, SEM, and STEM facilities; and well-staffed electronics, machine, and woodworking shops. Approval has been given for construction of a new research building to be completed in 1990. A competitive package of start-up funds for new faculty is available. By 1 December 1987, interested candidates should forward a statement of research interests, curriculum vitae, and three letters of recommendation to: Dr. Marc C. Freeman, Faculty Search Committee, Department of Biological Science, Florida State University, Tallahassee, FL 32306-3015. Affirmative Action/Equal Opportunity Employer.

**CYTOGENETIC TECHNOLOGISTS**

Positions open immediately for senior and/or supervisory technologists. Experience in prenatal diagnosis and/or cancer genetics. Excellent salary and fringe benefits. Please call 1-800-VIVIGEN or send resume to: Kathy Richkind, Laboratory Director, 435 St. Michael’s Drive, Santa Fe, NM 87501.

**DEPARTMENT HEAD POSITION**: Department of Forestry and Natural Resources, Purdue University, West Lafayette, Indiana. The Department integrates teaching, research, and extension functions with 26 faculty members and 30 graduate students. The Department involves forest biology, forest management, wood science, forest recreation, urban forestry, natural resource economics, and forest policy. The Department Head must have a Ph.D. and professional experience in an area related to departmental programs, leadership and administrative ability, and demonstrated scholarly achievement. This is a full-time, tenure-track position. The position is payable at $35,000 with the possibility of an increase to $38,000 per year. Applications should be submitted by 15 January 1988 to: Mr. Lee Vilenakis, Personnel Department, American Museum of Natural History, Central Park West at 79th Street, New York, NY 10024. An Equal Opportunity Employer.
POSITIONS OPEN

DEVELOPMENTAL BIOLOGIST. The University of Chicago. The Department of Molecular Genetics and Cell Biology (MGCB) is seeking candidates for a tenure-track appointment in the area of mammalian developmental biology. Candidates should have sufficient research experience to demonstrate both significant accomplishment and outstanding promise. The selected candidate will be offered generous space in a modern facility, substantial equipment and start-up funding. Please send curriculum vitae, bibliography, a statement of past and future research interests, and the names of three references to: Dr. Elaine Pusch, Department of MGCB, The University of Chicago, 920 East 58th Street, Chicago, IL 60637. Deadline 20 November 1987. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

DEVELOPMENTAL GENETICS

A tenure-track vacancy at the ASSISTANT OR ASSOCIATE PROFESSOR level in developmental genetics exists in the Department of Genetics at North Carolina State University. The research area is open, but we are particularly interested in individuals working with the genetic control of developmental processes in animals. Preference is given to individuals with postdoctoral experience. Interested individuals should submit a complete curriculum vitae, three letters of recommendation, reprints of relevant publications, and a cover letter outlining their research interests and teaching experience to: Dr. William R. Atchley, Head of Genetics, North Carolina State University, Raleigh, NC 27695–7614. Telephone: 919-737-2292. The closing date for applications is 15 December 1987 or when a suitable candidate is found.

North Carolina State University is an Affirmative Action/Equal Opportunity Employer.

SAN FRANCISCO STATE UNIVERSITY
DIRECTOR ROMBERG TIBURON CENTER FOR ENVIRONMENTAL STUDIES

The Romberg TCES of San Francisco State University seeks an estuarine or marine scientist with experience in leading a multidisciplinary research team for the position of Director. The position responsibilities include:

Overall administration of a 30-acre estuarine research and instructional facility on San Francisco Bay in Marin County.

Coordination and development of extramural funding for research on San Francisco Bay and the central California coastal zone.

Planning and implementation of University instructional programs at the Center.

Development and management of facilities.

The Center is staffed by eight scientists and three support personnel in addition to participation by University faculty and students.

Applicants should have a strong record of research in estuarine or coastal oceanographic systems, experience in the administration and management of field stations, and a proven ability to develop multidisciplinary proposals. Submit curriculum vitae and names of at least three references to: Dr. James C. Kelley, Dean, School of Science, San Francisco State University, 1600 Holloway Avenue, San Francisco, CA 94132 by 30 November 1987. San Francisco State University is an Equal Opportunity Employer.

DIRECCTOR OF SCIENTIFIC RESEARCH IN REPRODUCTIVE BIOLOGY

Humagen, Inc., a biotechnology company which focuses on reproductive biology, seeks an advanced scientist to direct research programs in molecular biology and monoclonal antibody-based immunodiagnostic. Preference will be given to candidates who demonstrate a strong record of research productivity in reproductive biology or related disciplines and leadership experience in academia or industry. Candidates will be expected to conduct an independent research program as well as direct groups of scientists. Applicants should have a Ph.D. in molecular biology or related disciplines. The position is located in San Ramon, California. Please send curriculum vitae, copies of recent publications, a brief statement of future research goals, and a letter of reference to: Dr. John O. Pagano, Humagen, Inc., 1500 Avon Street, Extended, Charlotte, NC 28201. 6 NOVEMBER 1987

The UNIVERSITY OF MARYLAND
AGRICULTURAL BIOTECHNOLOGY CENTER (ABC)

The center is located on the College Park campus and is in the newly initiated Maryland Biotechnology Institute. All appointees will hold tenure-track positions in the Center, joint appointments and laboratory facilities in appropriate departments within the University, and will participate in student training. ABC will bring together researchers with a primary focus on the molecular biology of plant and animal protection from the University, the U.S.D.A. Beltsville, and industry in the Washington/Baltimore Metropolitan area.

1. Molecular Plant Virologist: Successful candidate will have a joint appointment with the Botany Department. Candidate will be expected to develop a strong research program in molecular plant virology and to interact closely with a developing group in the Center whose research focuses on plant protection and an established group within the Botany Department exploring molecular plant-microorganism interactions.

2. Molecular Entomologist: Successful candidate will have a joint appointment with the Entomology Department. Candidate will be expected to develop strong research program in molecular biology of insects with emphasis on plant and animal protection. Appointee will interact with existing programs within the Entomology Department on insect physiology, biochemistry, molecular basis of insect-plant or insect-pathogen interactions.

3. Molecular Virologist/Immunologist: Successful candidate will have a joint appointment with the School of Veterinary Medicine. Candidate will be expected to develop strong research program preferably in the area of host resistance and diagnosis of infectious diseases. Appointee should have experience in recombinant DNA technology and will be expected to develop genetic or immunological procedures for prevention or interaction in diseases and to cooperate effectively with colleagues in ABC and faculty in the School of Veterinary Medicine.

4. Plant Biochemist: Successful candidate will have a joint appointment with the Department of Chemistry and Biochemistry. Candidate will be expected to develop strong program in plant biochemistry and to establish a vigorous, competitive program; will have ample opportunities to establish interactions with other members of ABC and with departmental biochemists in the Department of Chemistry and Biochemistry. A commitment to both undergraduate and graduate instruction is also essential.

Candidates must have Ph.D. and postdoctoral experience and all positions are at the junior level. Salary is commensurate with qualifications. Send a letter stating career goals, proposed research, resume, and four letters of recommendation by December 1, 1987 to: Chairmen of Search Committees (A. Taramura, Botany; M. Ma, Entomology; S. Mohanty, Vet. Medicine; J. Koziarz, Biochemistry) c/o Agricultural Biotechnology Center, H.J. Patterson Hall University of Maryland, College Park, Maryland 20742

An Equal Opportunity/Affirmative Action Employer.

MOLECULAR BIOLOGIST
-NEUROBIOLOGY

The Upjohn Company has assembled an interdepartmental project team to study Alzheimer's disease. The project is highly collaborative in nature, interfacing the efforts of laboratories involved in basic research with those involved in drug development. We are currently seeking a post-doctoral scientist with experience in molecular biology to participate in our basic research efforts. This work will emphasize molecular biological approaches to understanding the pathogenesis of Alzheimer's disease and the development of appropriate animal models for the use of our therapeutic units. There will be ample opportunity and support for publishing and attending meetings. We encourage applications from highly motivated individuals committed to productive work in a rapidly progressing and socially significant area of research.

Kalamazoo is a medium-sized Southwestern Michigan community with immediate access to a mix of excellent cultural, educational and recreational pursuits, including numerous lakes. Upjohn offers a higher than industry standard starting salary for this type of position which will be commensurate with experience and an outstanding benefits program.

If you are interested in a basic research position within a corporate setting, please call 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. Please refer to Ad Number 21051:F when calling.

An Equal Employment Opportunity Employer M/F A Century of Caring

Upjohn

6 NOVEMBER 1987
DEVELOPMENTAL NEUROBIOLOGIST. Iowa State University invites applications for a tenure-track or tenured position in developmental neurobiology. Applicants are invited for the Director of the Bioengineering Research Center. This unit is a focal point for developing new technology and research activities. Recently received a planning grant for an NSF-sponsored University-Industry Cooperative Research Center. Applications and nominations for this position should include an earned Doctorate or equivalent experience; national and international recognition; a proven track record in developing, securing funding for, and managing state-of-the-art programs in software engineering and development; and a proven ability to sustain an environment that encourages cross-disciplinary research. The Director will hold a Professorship or equivalent research faculty rank in an appropriate unit. The salary is open, and the program is available. To apply, send curriculum vitae, letters of reference, and a statement of research interests. Deadline: Dr. F. A. Rosenblum, Office of Interdisciplinary Programs, CODE: AAS-1 Georgia Institute of Technology, Atlanta, GA 30332-0130. An Equal Employment Opportunity/Affirmative Action Employer.

DIRECTOR, MOLECULAR BIOLOGY INSTRUMENTATION LABORATORY

An opening is available immediately for the position of Director of the Molecular Biology Instrumentation Laboratory for the Ohio State University Medical Center. The Molecular Instrumentation Laboratory includes a DNA synthesizer and sequencer, a peptide synthesizer and peptide sequencer, and other ancillary pieces of equipment. The major responsibility of this person will be to provide expertise to laboratories in the Medical Center in the area of molecular biology. However, since this is a new facility, this person will also have the opportunity to develop and to head the laboratory to develop his or her own research projects. The minimum requirements include an M.S. degree and experience with molecular biotechnological instrumentation. A good background in organic and physical chemistry, as well as computer software development, is necessary. Salary is dependent on the advanced degree and experience. Send curriculum vitae and three letters of reference to: Dr. Ronald Glaser, Chairman, Search Committee, Department of Molecular Microbiology and Immunology, The Ohio State University, 335 West 10th Avenue, Columbus, OH 43210. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

DIRECTOR OF SECTION OF CARDIOLOGY DEPARTMENT OF INTERNAL MEDICINE

The Department of Internal Medicine of Rush-Presbyterian-St. Luke’s Medical Center and Rush Medical College is seeking candidates for a full-time, tenured-track position in the area of Cardiology. The successful candidate will serve as the Director of the Section of Cardiology, and the Director of the new Rush Heart Institute. Requirements: M.D. degree; Board certification in internal medicine and cardiology; documented ability to conduct clinical or basic research, to direct and organize student, house officer and fellow training programs, and to establish new research programs in invasive and noninvasive cardiology. There should be proven ability to organize and direct clinical programs utilizing a large number of cardiologists, both salaried and non-salaried, and to integrate teaching and research programs with affiliated institutions. Interested individuals should submit their curriculum vitae to: Stuart Levin, M.D., Chairman, Cardiology Search Committee, Associate Chair, Department of Internal Medicine Rush–Presbyterian–St. Luke’s Medical Center 1653 West Congress Parkway Chicago, IL 60612 Rush is an Equal Opportunity/Affirmative Action Employer.

EDITOR

International scientific and technical publisher seeks acquisitions editor, preferably in the biomedical sciences, for a position in New York City office. Broad scientific interests and advanced degree or relevant experience required. Please submit résumé, publications list, and cover letter addressed to: Neil Breath, 50 West 23rd Street, New York, NY 10010.
DREXEL UNIVERSITY
DEAN, COLLEGE OF SCIENCE

Search Re-Opened

Drexel University invites nominations and applications for the position of Professor and Dean of Science. The University is a private, nonsectarian institution that emphasizes programs in science and technology, and is a national leader in cooperative education. Drexel has an attractive, modern campus in the University City section of Philadelphia. It enrolls 12,900 graduate and undergraduate students in seven colleges.

The College of Science includes the departments of Bioscience and Biotechnology, Chemistry, Mathematics and Computer Science, Nutrition and Food Sciences, and Physics and Atmospheric Science, as well as associated multidisciplinary programs in Biomedical Science and Environmental Science. With a faculty of 91, an enrollment of over 800, and external research funding of $5 million per year, this growing college seeks a dynamic and innovative Dean.

The Dean is the College's academic leader, chief administrator, and prime advocate within the University. The Dean reports directly to the Vice President for Academic Affairs and is responsible for administering all aspects of the College, for evaluation of all academic programs and faculty, and for providing leadership and guidance in research, curriculum, and resource development.

The successful candidate must have an earned doctorate in an appropriate science discipline, should have demonstrated management experience with creative people, and a record of teaching, research, and scholarly achievement appropriate for tenure in one of the College's departments. Appointment is for 12 months, effective on or after July 1, 1988. Salary is highly competitive. A letter of application (including a resume) or a letter of nomination should be postmarked by December 31, 1987, and sent to:

Chairperson, Dean of Science Search Committee
c/o Office of the Dean, College of Science
Drexel University, Philadelphia, Pa. 19104-9844

Drexel University is an equal opportunity, affirmative action institution that invites applications from minorities and women.

Research
Assistants/Associates
Molecular Biology

Genentech, Inc., a leader in the field of biotechnology, has several openings in molecular biology.

Biochemistry/Protein Purification — Successful candidate will be responsible for the development of RIAs and ELISAs in support of ongoing research products. Candidate will also have extensive experience in radiiodination, gel chromatography, affinity chromatography, enzyme conjugation and antibody production and characterization. A BS or MS in Biochemistry or related field with 3-5 years' direct experience in developing, maintaining, and troubleshooting immunoassays is required. Comfortable with using computer interface equipment an added plus.

Molecular Biology — Creative and productive individual to work as part of a protein design team on projects relating to cardiovascular disease. Primary tasks would involve site-directed mutagenesis, random mutagenesis, and vector construction. Prior molecular biology experience a necessity. Familiarity with and interest in protein chemistry and structure highly desirable.

Molecular Biology — Responsibilities include performing various experiments related to DNA sequence determination and technology improvement. Successful candidate will possess a BS (6-8 years' experience) or MS (4 years' experience) in Biochemistry, Molecular Biology or equivalent. Basic skills in nucleic acid isolation, gel electrophoresis, are required and direct experience in nucleic acid sequencing is preferred.

Molecular Biology — You will be involved in research and development studies related to atherosclerosis. Responsibilities include molecular biology and tissue culture expression of gene products involved with cardiovascular disease. Experience in molecular biology required.

Molecular Biology — Responsibilities will be in the areas of molecular biology of growth factors, growth factor receptors, and related oncogene products, and will include site directed and random mutagenesis of receptor and oncogene cDNAs, construction of expression vectors and expression of cDNAs in mammalian and procaroytic cells. BS/MS in Molecular Biology or related field with 3-5 years' related experience required.

Genentech, Inc. offers an excellent salary and benefits packet coupled with the opportunity to make a significant contribution to our organization. Please send your resume to Sherrie Wilkins, Genentech, Inc., 440 Point San Bruno Blvd., South San Francisco, CA 94080. An equal opportunity employer.
POSITIONS OPEN

FACULTY POSITION IN CELL AND MOLECULAR BIOLOGY

The Biology Department of the University of South Florida invites applications for the tenured faculty positions at the assistant or associate professor level to begin August 1988. The Biology Department has 34 full-time faculty members, 15 M.S., and 175 Ph.D. graduate students. The University is a major commitment to develop molecular biology, including the construction of new research facilities. The University's preference will be given to candidates with expertise in the mechanisms of growth factor action and viral oncogenesis. One position will have the responsibility of teaching an upper division course in Virology. Candidates must have at least 2 years of postdoctoral experience. Applicants for appointment as associate professor must have an established record of graduate student recruitment and one and a half and one assistant professor. One of the tenure faculty appointments will serve as chair of the department. Candidates must have demonstrated excellence in research. Faculty are expected to generate research support in their specialty and contribute to introductory teaching, for a total of one or two-quarter courses per year to undergraduate students. We will begin reviewing applications on 1 December 1987 and will continue until the positions are filled.

Applicants must send curriculum vitae, a summary of past and future research, and three letters of recommendation to:

Molecular Biology Search Committee,
Department of Biology,
University of South Florida,
Tampa, FL 33620.

Applications will be accepted through 1 March, 1988. USF is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITION IN CELL/DEVELOPMENTAL BIOLOGY

Applications are invited for a tenure-track position in the Department of Biological Sciences at Carnegie Mellon University. Applicants must be strongly motivated toward research in cell and developmental biology. Candidates who are completing their postdoctoral research will be considered for a position. The successful assistant professor, exceptionally well-qualified individuals may be considered for appointment at a higher level. To apply, send curriculum vitae and a concise description of research interests (no more than three pages) and, in addition, three letters of recommendation to: Dr. Walter E. Henney, Head, Department of Biological Sciences, Carnegie Mellon University, Pittsburgh, PA 15213. Carnegie Mellon University is an Equal Opportunity/ Affirmative Action Employer.

FACULTY POSITION—HUMAN TUMOR IMMUNOLOGY—MOLECULAR MECHANISMS

University of Wisconsin is seeking applicants for a tenure-track appointment at the assistant/associate professor level. A highly qualified individual, M.D. or Ph.D., is sought in the general area of Tumor Immunology with an interest in mechanisms of immune effector cell function and/or tumor cell destruction. Applicants are expected to be knowledgeable in immunological, biochemical, and molecular methods. Opportunity exists to interact with laboratories in the University of Wisconsin Clinical Cancer Center along with other laboratories at the campus. The successful candidate will be expected to develop a strong, independent research program and to participate in the departmental Ph.D. training program. Send resume and statement of research and teaching interests to: Dr. Charles H. Borden, M.D., Chairman, Search Committee, Department of Human Oncology, University of Wisconsin Wisconsin Clinical Cancer Center, P.O. Box 4140, CSC, 600 Highland Avenue, Madison, WI 53792. The University of Wisconsin is an Equal Opportunity/ Affirmative Action Employer.

FACULTY POSITION MOLECULAR BIOLOGIST

The Department of Physiology and Biophysics of the University of Miami School of Medicine invites applications for a faculty position at the assistant professor level. We are seeking an outstanding individual with a solid molecular genetics background with a proven record of research accomplishments, preferably with an interest in membrane proteins. The candidate will be expected to conduct a strong, independent research program in the area of molecular biology and to participate in the departmental teaching program. He/she will have ample opportunities to interact with seasoned groups in membrane channels, cellular communication and neurobiology in a research-oriented environment. Applicants should send curriculum vitae, an outline of present and proposed research, representative reprints, and three to four references to: Professor Werner K. Loewenstein, Department of Physiology and Biophysics, University of Miami School of Medicine, P.O. Box 2480, Miami, FL 33101.

An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN DEVELOPMENTAL BIOLOGY AT THE UNIVERSITY OF CALIFORNIA, BERKELEY

The Department of Zoology invites applications for a faculty position at any level of the Professoriate beginning 1 July 1987. Applicants must be well-qualified and must have a Ph.D. degree. The candidate should have a strong record of research accomplishment in development and be committed to the education of graduate students. The candidate should have demonstrated excellence in teaching and have contributions to research. The candidate will teach an undergraduate course in developmental biology and is expected to become involved in graduate teaching. Applicants should send curriculum vitae, a brief summary of publications, a comprehensive research statement, and the names and addresses of five references to: Chair, Developmental Biology Search Committee, Department of Zoology, University of California, Berkeley, CA 94720. As part of the reorganization of the Biological Sciences at Berkeley, it is anticipated that this position will soon be incorporated into the Division of Developmental and Cellular Biology of the new Department of Molecular and Cell Biology. Closing date for receipt of applications: 15 December 1987.

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

FACULTY POSITION IN THE GASTROENTEROLOGY DIVISION, Beth Israel Hospital and Harvard Medical School. The position requires an M.D., or M.D., Ph.D. degree. The candidate should be well-qualified in the areas of gastrointestinal or liver physiology, morphology, cellular biology, or molecular biology. The candidate is expected to participate in the development of the gastrointestinal programs in the Department of Medicine. The level of appointment will be commensurate with the candidate's experience. Please send curriculum vitae to: Raj K. Goyal, M.D., Gastroenterology Division, Beth Israel Hospital, 330 Brookline Avenue, Boston, MA 02215. We are an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN INSECT PHYSIOLOGY

Tenure-track position (professorial level) for Ph.D. with broad experience in research and instruction in insect physiology and record of outstanding discovery-oriented publications and vigorous grantmanship. Instruction responsibilities include invertebrate physiology and an advanced course in a specialty area. Closing date 30 November 1987 or until position filled. Submit curriculum vitae, a complete teaching outline, transcripts, statement of research objectives, teaching interests, and names of five references to:

Professor William S. Bowers, Chair
Insect Physiology Committee
The University of Arizona
Department of Entomology
Tucson, AZ 85721

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

FACULTY POSITION—UNIVERSITY OF WISCONSIN—MADISON

The Institute for Enzyme Research and the Department of Chemistry of the University of Wisconsin–Madison invite applications for a faculty position at the assistant professor level. The position is part of a broader recruiting effort in structural biochemistry on our campus, which also includes positions in the Department of Biochemistry and the Institute for Molecular Virology. The anticipated field of research for this position is protein folding and other physical methods to the analysis of biological macromolecules and their assembly. Teaching responsibilities include general biology and specific courses in biochemistry. Applicants should send curriculum vitae, a brief summary of proposed research, and an outline of teaching interests, and arrange to have three letters of recommendation sent to:

Professor Paul E. Boyer, Chair
Enzyme Research Committee
The University of Wisconsin
545 N. Park Street
Madison, WI 53792

An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN STRUCTURAL BIOLOGY

The Department of Molecular Biology, Princeton University, invites applications for an Assistant Professor in structural biology. Areas of interest to the Department include protein structure and function, and the relation of structure to function. Candidates must have a Ph.D. or equivalent degree and a strong record of research accomplishments. Please send a curriculum vitae and the names of three references to: Professor Robert L. Fletterick, Department of Molecular Biology, Princeton University, Princeton, NJ 08544.

Princeton University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS IN PLANT BIOLOGY

The Department of Biological Sciences, University of California, Davis, intends to fill five tenure-track, 11-month positions in molecular genetics within the next 3 years. This academic year we seek three eukaryotic molecular geneti- csists, one molecular population geneticist, and one and one assistant professor. One of the tenure faculty appointments will serve as chair of the department. Candidates must have demonstrated excellence in research. Faculty are expected to generate research support in their specialty and contribute to introductory teaching, for a total of one or two-quarter courses per year. Applications are due by 15 January 1988. We encourage applications from women and minorities. Applications, including curriculum vitae, brief state- ments of research accomplishments, professional goals and teaching experience, pertinent reprints, and the names and addresses of five references should be sent to: Molecular Search Committee, Department of Ge- netics, University of California, Davis, CA 95616. USF is an Equal Opportunity/Affirmative Action Employer.
**HYBRIDOMA and IMMUNODIAGNOSTIC TECHNOLOGY**

BioGenex Laboratories, a San Francisco Bay Area company and leader in the development of solid tumor diagnostics and infectious disease diagnostics, seeks qualified Project Leaders, Research Scientists, and Research Associates, with education (BS/MS/PhD) and several years of experience in the areas of:

- Hybridoma Technology
- Tumor Biology
- Microbiology
- Immunology
- Immunodiagnostics
- Biochemistry

Prior industrial experience is preferred but not essential. BioGenex offers competitive salaries, opportunity for advancement, excellent benefits, and equity participation.

Submit resume to:

BioGenex Laboratories, Dept. P-1
6549 Sierra Lane
Dublin, CA 94568

**NATIONAL UNIVERSITY OF SINGAPORE DEPARTMENT OF ZOOLOGY**

Applications are invited for teaching appointments in the Department of Zoology.

Candidates should have a Ph.D. degree and who are able to teach in one or more of the following areas:

- Animal Behavior
- Marine Microbiology/Marine Molecular Biology/Marine Immunology
- Biophysics, in particular, applications of computers to experimental biology

Gross annual emoluments range as follows:

- Lecturer: $527,860-$57,350
- Senior Lecturer: $551,950-$61,970
- Associate Professor: $679,780-$99,880

The commencing salary will depend on the candidate's qualifications, experience and the level of appointment offered.

Leave and medical benefits will be provided. Depending on the type of contract offered, other benefits may include: provident fund benefits or an end-of-contract gratuity, a setting-in allowance of $51,000 or $52,000, subsidised housing at nominal rentals ranging from $5100 to $2416 per month, education allowance for up to three children subject to a maximum of $10,000 per annum per child, passage assistance and baggage allowance for the transportation of personal effects to Singapore. Staff members may undertake consultation work subject to approval of the University, and retain consultation fees up to a maximum of 60% of their gross annual emoluments in a calendar year.

The Department of Zoology is a department in the Faculty of Science. There are 8 faculties in the National University of Singapore with a current student enrollment of some 14,000. All departments are well-equipped with a wide range of facilities to enhance the teaching and research activities of staff members. The University is linked to BITNET, an international network that interconnects almost 500 mainframe computers at 200 institutions of higher learning and research centres around the world.

Application forms and further information on terms and conditions of service may be obtained from:

The Director

Personal Department

National University of Singapore

10 Kent Ridge Crescent

Singapore 0511

Enquiries may also be sent through BITNET to: PERSONDEPT @ NUSVM
FIVE OPHTHALMOLOGISTS—University of Michigan, full-time faculty positions, instructor, associate, or full professor. Training in ophthalmology. Opportunity for clinical and laboratory research, resident and student teaching, clinical practice. Contact: Paul R. Ragatz, Chairman, Department of Ophthalmology, University of Michigan, W. K. Kellogg Eye Center, 1000 Wall Street, Ann Arbor, MI 48109, University of Michigan Employer.

GENETIC EPIDEMIOLOGIST/STATISTICAL GENETICIST—The Psychiatric Genetics Program of the Department of Psychiatry, Medical College of Virginia (MCV)/Virginia Commonwealth University has available immediately a tenure-track or tenure-eligible position for a genetic epidemiologist/statistical geneticist with expertise in complex segregation and linkage analysis. Rare variants, genetic association, or family studies will be commensurate with experience. Candidates will join an active research group in psychiatric genetics and genetic epidemiology, which will include a molecular genetics laboratory. Send curriculum vitae and names of three references to: Kenneth S. Kendler, M.D., Department of Psychiatry, School of Medicine, Virginia Commonwealth University, Richmond, VA 23298. Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.


GENETISTIC
Curriculum vitae and names, and telephone numbers of references will be available immediately. Contact: Dr. J. M. Lichter, Department of Entomology, Clemson University, Clemson, SC 29634, Telephone: 803-656-5038. An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

UNIVERSITY OF CALIFORNIA—RIVERSIDE

GENETICIST
The Department of Biology, University of California, Riverside, invites applications for a tenure-track position in genetics. The appointment will be effective 1 July 1988, with duties commencing in September in the new Biological Sciences, University of California, Riverside. The University of California is an Equal Opportunity/Affirmative Action Employer and minority and female candidates are encouraged to apply.

FLORIDA INTERNATIONAL UNIVERSITY

THE STATE UNIVERSITY OF FLORIDA AT MIAMI

HYDROGEOLOGIST

AQUEOUS GEOCHEMIST

The Department of Geology at Florida International University invites applications for a tenure-track position in hydrogeology/aquifer geochemistry. A Ph.D. in hydrogeology/aquifer geochemistry or related discipline is required. The position is expected to be filled by August 1988. Applications are invited for the position until filled. Send resume, letters of recommendation, and a one-page research statement to: Search Committee, Department of Geology, Florida International University, Miami, FL 33199.

INORGANIC CHEMIST—The Chemistry Department of Wesleyan University invites applications for a tenure-track position in inorganic chemistry, effective September 1988. It is expected that the appointment will be made at the assistant professor level, but exceptional candidates of higher rank are encouraged to apply. The successful candidate will possess the potential for excellence in research and teaching. Applications are especially encouraged from women chemists. Applications must include a complete curriculum vitae and the names of three references. Send a single letter, and three letters of recommendation to: Chair of the Faculty Search Committee, Department of Chemistry, Wesleyan University, Middletown, CT 06457. Applications must be received by 31 December 1987; late applications may not be considered. Wesleyan University is an Equal Opportunity/Affirmative Action Employer.

LAB TECHNICIAN

HEMATOLOGY/ONCOLOGY

An excellent position is available for a lab technician who has a B.S. or M.S. degree in a science discipline and experience with biochemical techniques, radioisotopes (scintillation counting), and general laboratory procedures. Send a brief resume, and names and addresses of three references to: Dennis Lee, Department of Human Resources, Michael Reese Hospital and Medical Center, Lake Shore Drive at 31st Street, Chicago, IL 60616. Equal Opportunity Employer M/F.
At the Institute for Nuclear Solid State Physics of the Karlsruhe Nuclear Research Center, the C4-grade position of

HEAD OF INSTITUTE

will be filled again after the death of the former incumbent, Professor Dr. W. Schmatz.

The Institute is engaged in application-oriented fundamental research. Its main activities over the next few years will be concentrated upon work on the new superconductors. In addition, contributions are expected to basic problems of solid state physics studied within other areas of the Nuclear Research Center (e.g., microstructure engineering).

The candidate should have the required academic qualifications. His integrative and motivating faculties should enable him to represent the existing main areas of research of the Institute (superconductivity; structures and dynamics of surfaces and interfaces) and add to them in a meaningful way. In this respect, experimental work is determined by the facilities currently existing at the Institute (neutron and electron spectroscopy; ion and layer technologies; modern facilities for preparing materials; low-temperature physics). The cooperation with the Physics Faculty of the University of Karlsruhe initiated by the late Professor Schmatz will be continued.

Applications, together with the usual documents and a statement of the scientific objectives the candidate intends to pursue, should be sent to Personalabteilung, Kernforschungszentrum Karlsruhe GmbH, Postfach 3640, D-7500 Karlsruhe 1, Federal Republic of Germany, not later than by November 20th, 1987.

Kernforschungszentrum Karlsruhe

Postdoctoral Fellows
Molecular Genetics

Smith Kline & French Laboratories, a leader in pharmaceutical research, is seeking additional postdoctoral fellows to expand its current research programs employing recombinant DNA technology.

Excellent opportunities exist for innovative interdisciplinary research in our new and superbly equipped Research and Development Center in suburban Philadelphia near Valley Forge, Pennsylvania.

The Department of Molecular Genetics is seeking outstanding Ph.D. scientists to pursue research on:

- Streptomyces proteases/role in foreign protein production
- Gene expression in Streptomyces
- Expression and functional analysis of retroviral/AIDS proteins
- T-lymphocyte receptors-structure/function studies
- Regulation of interleukin-1 gene expression
- Tumor Necrosis Factor action at the molecular and cellular level
- Transcriptional activation
- Cloning/expression of Candida genes in S. cerevisiae

We offer an excellent compensation, benefits and relocation package as well as opportunities for personal and professional growth. Publication of research results is encouraged and supported. For confidential review, please forward your C.V. and names of three references to: Robert F. Obst, R0097 Manager, Personnel Relations, Smith Kline & French Laboratories, Research and Development Division, P. O. Box 1539, King of Prussia, PA 19406-0939. We are an Equal Opportunity Employer, M/F/H/V.
LIBRARIES
STATE UNIVERSITY OF NEW YORK
AT BINGHAMTON

We seek six LIBRARIANS and a PROFESSIONAL
SYSTEMS LIBRARIAN. Two of these librarians are for our Science Library, with both collections develop-
ment and user services responsibilities. The positions are as Assistant Director for Systems Manage-
ment, maintaining on-line systems, local networks and microcomputer facilities and implementing NOTIS. Please bring these opportunities to the attention of well-

MAMMALOLOGIST. Tenure-track, assistant professor to begin August 1988 for Ph.D. to teach mammalogy, human biology, specialty course, direct master's theses, and seek funding to support research program in regional mammal populations. Background desirable.

DEVELOPMENTAL BIOLOGIST. Tenure-track, assistant professor to begin August 1988 for Ph.D. to teach developmental biology/experimental embryology, human biology, supervise master's theses and develop strong research program in developmental biology of animals. Positions contingent upon funding. Send applica-
tion letter specifying position, including teaching and research interests, curriculum vitae and three references letters to: B. M. Stodd, Chairman, Department of Biological Sciences, Western Illinois University, Ma-
conob, IL 61056. Women and minority candidates are encouraged to apply. University is an Equal Opportunity/Affirmative Action Employer.

NEURODIAGNOSTICS RESEARCH DIRECTOR

The University of Louisville is recruiting a Director of the Clinical Neuroimaging and Spinal Research Labora-
tory. This individual will direct ongoing activity for a busy neurosurgery/neurosurgical academic practice, be di-
tector of a basic science and clinical laboratory, and coordinate collaboration with otolaryngology, vascular surgery, etc. The candidate must have extensive clinical experience with somatosensory evoked potentials, brain stem auditory evoked potentials, and brain mapping. Experience with magnetic stimulation is important. The academic appointment will be at the assistant professor level. Prospective candidates should contact: Henry D. Garretson, M.D., Ph.D., Professor and Director, Di-
vision of Neurosurgery, Department of Neurosurgery, University of Louisville, Louisville, KY 40292. An Affirmative Action/Equal Opportunity Employer.

MOLECULAR BIOLOGISTS

Four tenure-track positions are immediately available in the Institute for Molecular Biology at the University of Oregon, Eugene, beginning Fall 1989. The position is in the area of development, evolution, genetics, and theoretical molecular biology. Research in development, evolution, genetics, and theoretical molecular biology are particularly sought. Candidates will be expected to develop an independent research program focused on research and teaching in their respective teaching programs. A joint appointment will be made between the Institute and the Department of Biochemistry with participation in the Molecular Biology and Biophysical Sciences. The University of Oregon is a state-
supported comprehensive graduate institution with an enrollment of 30,000. Applicants should submit curricu-

PHARMACOLOGY

MOLECULAR PHARMACOLOGY

Applications are invited for tenure-track posi-
tions in the DEPARTMENT OF PHARMACOLOGY.
People with Ph.D. or M.D. degrees who have demonstrated outstanding research capabilities in cancer-relat-
ed pharmacology are encouraged to apply. Women and minority candidates are encouraged to apply. Send curriculum vitae and names of four references to: Dr. Alfred Bernstein, Department of Microbiology and Immunology, SUNY Health Science Center, Syracuse, NY 13210.

UNIVERSITY OF KENTUCKY COLLEGE OF PHARMACY

PHARMACOLOGY/TOXICOLOGY FACULTY

In anticipation of an R01, the University of Ken-
tucky College of Pharmacy invites applications for a newly established position.申请者 shall be a pro-

POSTDOCTORAL FELLOW OR RESEARCH ASSOCIATE

To study the role of calmodulin and other calcium-regulated proteins in signal transduction, Dr. Wai Yi Cheung, Department of Biochemistry, St. Jude Children's Research Hospital, Memphis, TN 38101.
DO YOU THINK DNA SEQUENCING IS AN ART?

Do you appreciate the visual delight of a well resolved sequencing ladder and the power of the clear information obtained? We at Amgen do, and we appreciate even more the vital role our Research Associates in DNA Sequencing play in our pioneering work in Biotechnology. Without their support we would not be the industry leader in recombinant DNA technology we are today.

We’re looking for more Research Associates to help us produce even more breakthroughs in the human pharmaceutical, human diagnostic, animal health care and specialty chemical areas. If you possess a B.S. or M.S. in Biochemistry, Molecular Biology or a related discipline, 1-2 years of experience in DNA sequencing, and want the kind of career opportunity, visibility and responsibility that only a rapidly growing company like Amgen can offer, we’d like to hear from you.

We offer an excellent compensation and benefits package, a spacious country setting in the scenic Conejo Valley (about an hour's drive northwest of Los Angeles), and a stimulating scientific environment. Submit your resume, in confidence, to:

Recruitment, Dept. #96
AMGEN
1900 Oak Terrace Lane
Thousand Oaks
CA 91320

Equal Opportunity Employer

1988 FELLOWSHIP OPPORTUNITIES

Radioactive Waste Management

Fellowships are offered by the U.S. Department of Energy for graduate study and research related to the management of spent nuclear fuel and high-level radioactive waste. The program seeks to encourage qualified undergraduates in earth sciences, engineering, materials science, and radiation science to pursue graduate study at participating universities in radioactive waste management technologies. Fellowship benefits include a $1,000 monthly stipend and full payment of tuition and fees.

The program includes a practicum at a participating research center. The practicum is designed to give on-site experience with DOE radioactive waste management research activities. Applications for fellowships beginning September 1, 1988, must be received by the Oak Ridge Associated Universities Program Division office at the address below by January 1, 1988, 4:30 p.m.

Information and application forms may be requested from:

RWM Fellowship Program
University Programs Division
Oak Ridge Associated Universities
P.O. Box 117
Oak Ridge, Tennessee 37831-0117
Telephone (615) 576-3465

This is an equal opportunity program open to all qualified persons without regard to race, sex, creed, color, age, handicap, or national origin. An applicant must be a U.S. citizen or a permanent resident alien.
The Department of Cell Biology at Smith Kline & French Laboratories, located near Valley Forge, Pennsylvania, is seeking an Immunologist/Cell Biologist to join our dynamic group investigating state-of-the-art applications of antibody technology to drug discovery. The successful candidate will use a combination of techniques related to immunology and immunochemistry.

Candidates must have:
- a Ph.D. in Immunology, Cellular Biology or related area.
- 0-3 years postdoctoral experience.
- excellent oral and written communication skills.
- excellent publication record.
- ability to work as a member of a team.
- ability to perform independent research.

We offer excellent compensation and benefits as well as an attractive relocation policy. For confidential consideration, send your curriculum vitae along with a brief proposal for application of antibodies to analysis of receptor-ligand interactions to Robert F. Obat, Manager, Personnel Relations, R0103, Smith Kline & French Laboratories, Research and Development Division, F. O. Box 1539, King of Prussia, PA 19406-0599. We are an Equal Opportunity Employer, M/F/H/V.

TOXICOLOGIST

Monsanto Agricultural Company is seeking a Toxicologist to join the staff of our Environmental Health Laboratory in St. Louis, Missouri. This modern facility has responsibility for safety assessment of all Monsanto products. Primary responsibilities will include protocol development, conduct and reporting of toxicology studies required for regulatory submissions. In addition, the successful candidate will be expected to develop programs to better understand toxicological mechanisms and perform risk assessments.

Qualified candidates should have a doctorate degree in a relevant field and experience in performing and reporting toxicology studies in a GLP setting.

Monsanto provides a generous compensation package relative to your responsibilities and qualifications. Interested candidates should forward their resume to: Vernon L. Bozarth; Mail Zone B3H; MONSANTO COMPANY; 800 N. Lindbergh Blvd.; St. Louis, MO 63167. An Equal Opportunity/ Affirmative Action Employer M/F/H/V.

BUILDING A NEW LAB?

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SCIENCE MAGAZINE
NEW LAB SERVICE DEPT.
1515 BROADWAY
NEW YORK, N.Y. 10036
Research Opportunities in Cardiovascular Research

Genentech, Inc., a leader in the field of biotechnology, has a major commitment to research of the cardiovascular system. The Department of Cardiovascular Research is about to enter into a rapid growth phase and is looking for scientists who would like to make contributions in the fields of hemostasis, thrombosis, atherosclerosis and vascular cell biology.

VASCULAR CELL BIOLOGY GROUP LEADER: A group investigating endothelial cell physiology will be established. An experienced individual capable of establishing a competitive group to investigate the various roles of endothelial cells in the physiology and pathophysiology of the vascular system is being sought. A successful candidate should have a proven record of innovative and productive research in this area. The position will involve establishment of such a group and interfacing it with the molecular biology, protein chemistry, and pharmacology groups that will be supporting these efforts.

PROTEIN CHEMISTS, MOLECULAR BIOLOGISTS, CELL PHYSIOLOGISTS, AND PHARMACOLOGISTS: The growth of the Cardiovascular Research Department will require the addition of personnel at all levels. Research Assistants and Associates are being sought with experience in the above areas. In addition, positions for individuals with Ph.D's and M.D's at all levels will be available. Prior experience in the general fields of cardiovascular research is desired but not required. In addition, more senior level positions will be opening that will require a background in a related field. These individuals will be expected to establish and lead groups to support the efforts of the department to become a leading force in areas of study.

Genentech, Inc., offers an excellent salary and benefits package coupled with the opportunity to make a significant contribution to our organization. Please send your curriculum vitae, a summary of your research interests and three letters of reference to: Sherrie V. Wilkins, Genentech, Inc., 460 Point San Bruno Blvd., South San Francisco, CA, 94080. An equal opportunity employer.

POSTDOCTORAL RESEARCH SCIENTIST

This position is available in the Department of Hypersensitivity Diseases Research, The Upjohn Company, Kalamazoo, Michigan. The applicant to be selected will join an interdisciplinary team of investigators. The long term focus of our research is the study of the chronic, or inflammation-dependent aspects of lung disease and especially of asthma. More specifically, we are interested in the roles of PDGF and other mediators of asthma and in the development of anti-inflammatory agents. The applicant to be selected will be responsible for conducting research in the laboratory of Dr. G. R. Wilkins, which is located in South San Francisco, California. The individual must be able to work independently and be capable of providing a creative and enthusiastic approach to research.

The applicant to be selected will have a Ph.D. or M.D. degree with specific experience in lung cell fractionation or culture. Kalamazoo is a medium-sized, relatively compact community with immediate access to a mix of excellent cultural, educational and recreational pursuits, including numerous lakes and a four-season climate. The Upjohn Company offers an excellent salary, commensurate with experience and an outstanding benefits program. For confidential consideration, please call 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. Please refer to Ad Number 21859-F when calling.

An Equal Employment Opportunity Employer M/F

Our commitment to scientific excellence continues...
The Department of Animal and Poultry Science at the University of Guelph is seeking applications from Ph.D. or M.D. Research. The university expects to develop an active program in this area of research. Minimum requirements are a Ph.D. or equivalent in physiology and an interest in applying this expertise to study the response of poultry to their environment. Graduate students interested in this area of research are encouraged to apply. The department offers facilities and opportunities for research in animal physiology, including the use of poultry as a model system for studying mammalian physiology. The department also has facilities for studying the physiology of fish and other aquatic animals. The department is seeking applications from individuals who have completed a Ph.D. or M.D. degree and who are interested in pursuing research in this area. The department offers competitive salaries, benefits, and opportunities for career development. The closing date for applications is December 31, 1987. Please submit a detailed CV and three letters of reference to: Dr. R. J. Etches, Chairman, Department of Animal and Poultry Science, University of Guelph, Guelph, Ontario, Canada N1G 2Z1.

The Department of Animal and Poultry Science at the University of Guelph is seeking applications from Ph.D. or M.D. Research. The university expects to develop an active program in this area of research. Minimum requirements are a Ph.D. or equivalent in physiology and an interest in applying this expertise to study the response of poultry to their environment. Graduate students interested in this area of research are encouraged to apply. The department offers facilities and opportunities for research in animal physiology, including the use of poultry as a model system for studying mammalian physiology. The department also has facilities for studying the physiology of fish and other aquatic animals. The department is seeking applications from individuals who have completed a Ph.D. or M.D. degree and who are interested in pursuing research in this area. The department offers competitive salaries, benefits, and opportunities for career development. The closing date for applications is December 31, 1987. Please submit a detailed CV and three letters of reference to: Dr. R. J. Etches, Chairman, Department of Animal and Poultry Science, University of Guelph, Guelph, Ontario, Canada N1G 2Z1.

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BS/MS Scientists

THE LILLY RESEARCH LABORATORIES, a Division of Eli Lilly and Company is seeking candidates for several research positions. Applicants must have a Bachelor or Master Degree; research experience is desired.

Cell Physiologists/Biochemists
The position involves the elucidation of transport mechanisms and membrane processes important in human disease and the discovery of new therapeutic agents. Working experience with transport techniques, enzymatic assays, enzyme/protein purification, and/or cell culture is desirable.

The position involves the development of automated assays to evaluate effects of chemical agents or trophic factors on cultured mammalian cells which regulate their growth and differentiation. Experience in biochemical methods, radioisotope assays, immunoassays, and cell culture with a background in cell kinetics, cellular pharmacology of anti-cancer drugs and cell physiology is desirable.

The position involves maintaining and improving cultures for existing assay procedures and to design and develop new in vitro models to test agents for their therapeutic potential. Experience in cell or organ culture of skeletal and connective tissues, primary and serum-free culture procedures, and cell cycle analysis is desirable.

Chemist
The position is in the biochemistry department and involves research in the field of protein engineering. Experience in synthesis, purification, or characterization of macromolecules, with strong quantitative and analytical skills is desired.

Biochemical Engineer
This position requires a biochemical or chemical engineer with cell culture reactor experience to work in a multi-disciplinary team involved in the scale-up of mammalian cell culture in a research environment.

Microbiologist
This position will include fermentation process development on a laboratory scale and direct interaction with the fermentation pilot plant. A strong background in microbial physiology with training in biochemical engineering and industrial fermentation technology are desired.

Molecular Biologists
This individual will work in the areas of gene expression in E. coli and mammalian cells, and retrovirus research. Experience in gene cloning, vector construction, and related techniques is strongly desired.

Immunologist
This individual will help develop a research program focusing on macrophage receptors and their role in differentiation in chronic and acute inflammation. Experience in cell biologic and biochemical techniques along with training in macrophage biology is desired.

Qualified applicants should send their resume to:
Mr. Warren Harper (ABR)
Senior Personnel Representative
Eli Lilly and Company
Lilly Corporate Center
Indianapolis, Indiana 46285
Equal Opportunity Employer
POSITIONS OPEN

POSTDOCTORAL RESEARCH ASSOCIATE, instrumentation and programming for plant effects research. Position immediately available. Studies include effects of application of carbon dioxide, ozone, and other pollutants to plants in open air settings. Individual selected will assist in study of a feasibility of the use of a computer to monitor and analyze pollution effects. Requires a Ph.D. in biochemistry or a closely related discipline. Send resume to: 

E. M. Engler, Department of Botany and Plant Pathology, Oregon State University, Corvallis, Oregon 97331.

POSITIONS OPEN

PRESIDENT

MEDICAL COLLEGE OF GEORGIA

The Board of Regents of the University System of Georgia announces the vacancy of the position of President of the Medical College of Georgia to take office 1 July 1988. Located in Augusta, the Medical College of Georgia is the health sciences center of Augusta University System of Georgia and consists of Schools of Allied Health Sciences, Dentistry, Graduate Studies, Medicine and Nursing. The College has approximately 660 full-time faculty, 350 clinical affiliates throughout the state and nation, and more than 2300 students including 440 house officers. The Medical College of Georgia Hospital and Clinics includes a 500-bed teaching hospital, more than 20 clinics and approximately 90 specialty clinical services. More than 5000 employees complement the academic and student personnel in implementing the institution's goals in the areas of instruction, research, and service.

The Medical College of Georgia occupies an 83-acre campus, with a physical plant of more than 3.25 million sq. ft. The University's current annual operating budget (1987 to 1988) is $225 million, which includes more than $11 million in grants and contracts.

The President is the Chief Executive Officer of the health sciences university and reports to and maintains liaison with the Chancellor of the University System of Georgia. The President maintains effective relationships with both public and private local, state, and national organizations that are concerned with health care, education, and research.

Criteria for the position include a terminal health professional degree plus significant experience in the areas of university-level teaching, research, service, and administration.

Nominations should include the nominee's current address. Applications should include a letter of interest, curriculum vitae, and the names and addresses of five persons who can serve as references.

The deadline for applications and nominations is 15 December 1987. Address all nominations and applications to: Dr. H. Dean Proctor, Chancellor, University System of Georgia, 244 Washington Street, S.W., Atlanta, GA 30331. The nominee for President of Medical College of Georgia is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF PHYSICS

Eastern Oregon State College (EOSC) invites applications for a tenure-track position at the assistant professor level in fall 1988. Applicants must have a Ph.D. in physics with a strong experimental background. Eastern seeks a dynamic individual who will continue our balance of teaching and research and laboratory facility to attract students to these courses. Should be able to instruct a laboratory course in modern electronics instrumentation. Send letter of application, résumé, copy of all college transcripts, and three recent (1985 to 1987) letters of reference to: Paul Stephens, Physics Search Committee, School of Arts and Sciences, Eastern Oregon State College, La Grande, OR 97850. Application deadline is 31 December 1987. EOSC is an Equal Opportunity Employer.

RESEARCH ASSOCIATE GASTROENTEROLOGY

This position requires a B.S. or M.S. degree in a science discipline, and experience with biochemical techniques. Also, familiarity with laboratory animals, radioisotopes, and other computer analysis is preferred. Send résumé to: Dennis Lee, Department of Human Re- sponse, Oregon Health Sciences University, Lake Shore Drive at 31st Street, Chicago, IL 60616. Equal Opportunity Employer.

RESEARCH ASSOCIATE POSITION AVAILABLE immediately for individual holding doctorate degree or equivalent in biomedical sciences or veterinary medicine (M.D., Ph.D., or D.V.M.) and having substantial theoretical knowledge and practical experience in research in the areas of genetics, biotechnology, and clinical medicine. Positions require the development of independent research as well as collaboration with investigators in areas of genetics, brain imaging, clinical drug testing, and clinical neuroscience. Academic level open. Please send a vita and three letters of recommendation to: Neuroscience Search Committee, Department of Pharmacology, Oregon Health Sciences University, Portland, OR 97201. An Equal Opportunity Employer.

RESEARCH ASSOCIATE Biotechnology position available immediately for individual holding doctorate degree or equivalent in biomedical sciences or veterinary medicine (M.D., Ph.D., or D.V.M.) and having substantial theoretical knowledge and practical experience in research in the areas of genetics, biotechnology, and clinical medicine. Positions require the development of independent research as well as collaboration with investigators in areas of genetics, brain imaging, clinical drug testing, and clinical neuroscience. Academic level open. Please send a vita and three letters of recommendation to: Neuroscience Search Committee, Department of Pharmacology, Oregon Health Sciences University, Portland, OR 97201. An Equal Opportunity Employer.

RESEARCH ASSOCIATE POSITION AVAILABLE immediately for individual holding doctorate degree or equivalent in biomedical sciences or veterinary medicine (M.D., Ph.D., or D.V.M.) and having substantial theoretical knowledge and practical experience in research in the areas of genetics, biotechnology, and clinical medicine. Positions require the development of independent research as well as collaboration with investigators in areas of genetics, brain imaging, clinical drug testing, and clinical neuroscience. Academic level open. Please send a vita and three letters of recommendation to: Neuroscience Search Committee, Department of Pharmacology, Oregon Health Sciences University, Portland, OR 97201. An Equal Opportunity Employer.

RESEARCH ASSOCIATE, VISION: To elucidate the visual factor on reading performance, independent research projects, and develop a psychophysica laboratory. Position available immediately for individual holding doctorate degree or equivalent in biomedical sciences or veterinary medicine (M.D., Ph.D., or D.V.M.) and having substantial theoretical knowledge and practical experience in research in the areas of genetics, biotechnology, and clinical medicine. Positions require the development of independent research as well as collaboration with investigators in areas of genetics, brain imaging, clinical drug testing, and clinical neuroscience. Academic level open. Please send a vita and three letters of recommendation to: Neuroscience Search Committee, Department of Pharmacology, Oregon Health Sciences University, Portland, OR 97201. An Equal Opportunity Employer.
Senior Research Biochemist

Merck Sharp & Dohme Research Laboratories, a worldwide leader in the development of pharmaceutical and biological products, has an immediate opening for a Senior Research Biochemist in their Biocatalysis Research Department.

Candidates should possess a Ph.D. degree or equivalent in Biochemistry with research experience in cholesterol and lipoprotein metabolism in small animals. Two or three years of postdoctoral experience is required.

Responsibilities include the development of animal models and research projects related to the treatment of atherosclerosis.

Merck Sharp & Dohme Research Laboratories are located in Rahway, New Jersey approximately 25 miles from New York City. Our salaries, benefits, and growth potential are excellent.

Interested candidates should submit their resume with the names of three references and salary requirements to: Ms. Jacqueline A. Ellemann, Merck & Co., Inc., PO. Box 2000, Rahway, New Jersey 07065.

Equal Opportunity Employer

New York University is seeking suitable candidates for the Chair of the Department of Biology in the School of Arts and Science at Washington Square. We seek an outstanding scientist, teacher and administrator to provide strong leadership in further developing the faculty and the Department's research program. The University is committed to building a leading department and seeks a dynamic chair to spearhead this effort.

The Department has 24 faculty members, approximately 800 undergraduate majors, 120 students in the MS program and 80 students in the Ph.D. program. Development of this Department is an important component of the five-year campaign to enhance scientific research in the Faculty of Arts and Science. Several tenure-track positions are now open and more will become available during the next four years.

Unique opportunities exist at Washington Square for interdisciplinary research in collaboration with a newly-created center for neural science; establish groups concerned with macromolecular structure and dynamics in the Departments of Chemistry, Computer Science, and Biology; a Mathematics-Biology program at the Courant Institute of Mathematical Sciences; and ongoing programs within the departments of basic medical sciences at the NYU Medical Center. At the same time, the Department has a commitment to develop a strong educational program in the core areas of modern biology, particularly molecular biology.

Nominations and applications should be sent by January 1, 1988 to:

New York University
Faculty of Arts and Science
Biology Chair
Search Committee
6 Washington Square North
New York, New York 10003

Att: Prof. Samuel J. Williamson, Chair

NYU is an Equal Opportunity/Affirmative Action Employer

PhD Toxicologist

Senior Research Investigator

The Priceless Ingredient of every product is the honor and integrity of its maker.

Squibb Corporation, a Fortune 200 Company, is an internationally recognized leader in the research, marketing, and manufacture of innovative pharmaceuticals. We are seeking an individual who would thrive in an environment where global competition among pharmaceutical companies presents a rare challenge and a unique opportunity.

This position is responsible for the review and evaluation of toxicologic data and the preparation of summaries and other documents for internal use and for regulatory submissions, including Expert Reports on the Toxicologic and Pharmacologic documentation for NDAs; reviews of in-licensing candidates; reviews of data and literature on residues, contaminants, and formulation components; and special assignments pertaining to our preclinical safety evaluation program. Additionally, if selected, you will help monitor toxicologic studies conducted for Squibb at contract laboratories, which involve participating in the development of study protocols, monitoring activities during the course of the studies, and reviewing draft reports. We seek applications from individuals who have a PhD in a related field, preferably Toxicology, and a minimum of 2 years experience in drug safety evaluation.

SQUIBB offers professional growth, outstanding benefits and a competitive salary, commensurate with experience. For confidential consideration, please forward your resume with salary history to E.R. Squibb & Sons, Dept. AK-E17887, PO. Box 191, New Brunswick, NJ 08903. An equal opportunity employer.
**BIOCHEMIST**

**The Procter & Gamble Company**

has an immediate opening for an entry-level biochemist at our Miami Valley Laboratories in Cincinnati, Ohio. Ph.D.'s with or without post-doctoral training are encouraged to apply.

Research experience in cell culture techniques, growth factor regulation, and cellular differentiation is required. Additional experience in protein separation, purification, and characterization is desired.

Procter & Gamble is a world leader in the research, development, and manufacture of consumer products. We offer a competitive salary, a fringe benefit package in the top 5% of U.S. firms, and excellent opportunity for personal and career growth.

Applicants must be U.S. citizens or permanent residents and should send resume and publication list to:

**Dr. T. J. Logan, Manager**
**Ph.D. Recruiting**
**Biochemist Position**
**The Procter & Gamble Company**
**Miami Valley Laboratories**
**P.O. Box 398707**
**Cincinnati, OH 45239-8707**

Procter & Gamble is an EQUAL OPPORTUNITY employer.

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**MOLECULAR BIOLOGY GROUP LEADER**

Merck Sharp and Dohme Research Laboratories, a world leader in the development of ethical pharmaceuticals for human and animal health, is currently offering an excellent career opportunity for a molecular biologist in the department of Exploratory Genetics and Molecular Biology.

The incumbent will organize a group of prokaryotic and lower eukaryotic molecular biologist to apply the latest molecular biology techniques to challenging problems. The incumbent will collaborate with group leaders involved in developing antimicrobial and antifungal products, and groups studying the molecular genetics of organisms that produce interesting compounds. The incumbent will develop the most recent cloning, sequencing, and other molecular biology technology, will train departmental members in its use.

The successful candidate must have extensive experience in prokaryotic molecular biology, experience in directing other scientists, and a commitment to scientific excellence. The ability to collaborate with other scientists to develop joint projects is essential. Experience in microbial genetics and biochemistry is desirable. Experience with fungal or yeast molecular biology would be useful.

Salary, benefits, and growth potential are excellent. Interested applicants should submit a curriculum vitae to Ms. Dolores Barefield, Merck & Co., Inc., P.O. Box 2000, WBD-362, Rahway, New Jersey 07065. An Equal Opportunity Employer.

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**Senior Investigator**

**Drug Delivery**

The Drug Delivery Department of Smith Kline & French Laboratories, located near Valley Forge, PA, has an excellent opportunity available for a Senior Investigator to join a multidisciplinary team interested in the optimization of drug absorption, disposition and the development of novel drug delivery systems.

The successful candidate will:

- design and conduct in vivo experiments on regiospecific drug absorption from the gastrointestinal tract.
- evaluate physiological and pharmaceutical factors influencing drug absorption.
- design and/or consult in the design of pharmaceutical formulations to improve drug bioavailability.

Candidate specifications include:

- Ph.D. degree in Pharmaceutical Science or related discipline with 2-4 years postdoctoral experience.
- Extensive experience in the in vivo evaluation of pharmaceutical formulations required.
- Knowledge of Drug Metabolism desirable.
- Good communication skills required.
- No known allergies to laboratory animals.

We offer an excellent compensation, benefits and relocation package as well as opportunities for personal and professional growth. For confidential review, please forward your C.V. and names of three references to: Mary Ann McCary, Senior Employment Consultant-C0054, Smith Kline & French Laboratories, Research and Development, P. O. Box 1539, King of Prussia, PA 19406-0539. We are an Equal Opportunity Employer, M/F/H/V.
MOLECULAR GENETICIST

GENEX CORPORATION is seeking a senior-level molecular geneticist to direct and participate in interdisciplinary research programs for the development of genetically engineered animal vaccines, human pharmaceuticals, and proteins of industrial interest. The successful candidate will have hands-on experience in techniques of gene cloning and expression of heterologous proteins, excellent written and oral communication skills, and the ability to supervise the research of junior staff members.

Candidates with postdoctoral experience and a documented record of achievement in initiating and successfully completing innovative research programs are preferred. However, mature individuals with less experience but outstanding records are encouraged to apply.

GENEX CORPORATION provides an outstanding research environment in suburban Washington, D.C., and excellent salary and benefits. A curriculum vitae, together with a brief description of your scientific background and letters from three professional references should be submitted to:

Dept. MG
16020 Industrial Drive
Gaithersburg, MD 20877
EOE

GENEX

Genex Corporation

SR. IMMUNOCHEMIST/ BIOCHEMIST

Abbott Laboratories is a 54 billion healthcare company with a history of innovative breakthroughs in diagnostic testing including Hepatitis B, Rubella, German Measles and most recently, AIDS. This success has given us the world leadership position in medical diagnostics and is continuing to create an exceptionally strong research environment. Now our Diagnostics Immunology Research Group seeks an experienced Immunoclinician or Biochemist to augment and expand continuing research efforts.

The individual we seek will be heavily involved in the diagnostic area of autoimmunity, immunocompetence, AIDS, and cancer. A minimum of 6 years relevant experience in areas beyond the postdoctoral is required. Creativity and the desire to continue professional development as a researcher is desired.

Abbott is recognized by Durn's Magazine as one of the nation's 5 best managed companies for 1986. We're headquartered in an attractive suburban area on the Lake Michigan shoreline 30 miles north of Chicago. In addition to this outstanding scientific environment, we provide excellent salaries, full benefits including profit sharing, stock retirement plan, and relocation assistance, as well as exceptional opportunities for professional growth.

For more information, please contact Peggy Taylor, Dept SCI/11-6, Abbott is an Affirmative Action Employer.

ABBOTT

ABBOTT PARK IL 60064

"Health Care Worldwide"

VETERINARY PATHOLOGIST

Pharmaceutical Research

G.D. Searle & Co. is a world-wide leader in the pharmaceutical industry. Presently we are seeking an A.C.V.P. certified veterinary pathologist in the Product Safety Assessment area.

Responsibilities include participation in the design and interpretation of routine drug safety/toxicity assessment studies, as well as special studies to investigate mechanisms of toxicity and efficacy. Though not a requirement, the ideal candidate will have a minimum of two years experience in toxicologic pathology. A working knowledge of specialized anatomical techniques such as morphometry and immunocytochemistry would be a plus.

This position offers high visibility, excellent salary, and comprehensive benefits and relocation programs. We will be attending the upcoming A.C.V.P. meeting, November 9-13 in Monterey. Contact Stu Levin at the Sheraton Hotel for a personal interview or send your resume in strict confidence to Mr. Ronald Moskal, G.D. Searle & Co., Dept. PS, 4901 Searle Parkway, Skokie, IL 60077. An Equal Opportunity Employer.

SEARLE

Ph.D Scientist

What will you discover when you join Lederle?

You'll discover that our commitment to Biologicals Research & Development has made us a leader in Vaccine Production. The Biologicals Group has openings at several levels in the following areas of vaccine research and development:

1. Basic research on sexually transmitted diseases leading to new vaccine candidates.
2. Development of improved fermentation and purification processes for current bacterial products.
3. Application of molecular biology to viral vaccine products.

The successful candidates will have a Ph.D. in Microbiology, Biochemistry, Molecular Biology, or a related field and postdoctoral or related experience.

At our suburban Rockland County, NY, facilities, you'll find a highly professional work environment in a campus-like setting 30 miles from New York City. We offer competitive salaries and complete company benefits. Please reply in confidence to: John Cerino, Professional Employment Representative, Lederle Laboratories, American Cyanamid Company, Pearl River, NY 10965. We are an equal opportunity employer m/f.

Lederle

Dedicated People
Dedicated to People
Since 1906
RESEARCH SCIENTIST

The New Jersey Department of Health is seeking a candidate with experience in molecular virology, including design and production of vaccines. The successful candidate will be expected to participate in all aspects of vaccine development. Primary duties include public health research activities in the Division of Laboratories.

Candidates must possess at least 4 years of experience in a relevant field and a master's degree in a discipline appropriate to the position. An appropriate doctoral degree may substitute for 2 years of experience.

Salary range: $30,441-$49,980.

Send résumé to: Mrs. Barbara Grabowski, Chief, HRMP, N.J. State Department of Health, 41 John Fitch Plaza, Trenton, NJ 08625-0360.

Equal Opportunity Employer

RESEARCH SCIENTIST OR SENIOR RESEARCH SCIENTIST

The Center for Prokaryotic Genome Analysis (CPGA) at the University of Illinois at Urbana-Champaign (J. Konisky and C. Woese, Co-directors) seeks a qualified individual to participate in the sequencing of archaeabacterial genomes.

The CPGA comprises scientists whose interests span molecular biology, microbiology, evolution, computer sciences, mathematics and electrical/computer engineering. Its research derives from several University of Illinois departments as well as other major research universities in the United States and Canada. Support for the Center derives in part from a NSF Biology Facilities Award. The main goal of the CPGA is to determine the sequences of archaeabacterial genomes, using these to better understand the evolution of the cell, phylogenetic relationships in general, mechanisms of genome evolution as well as gene structure and function. The Center will be particularly concerned with the development of proper procedures of DNA sequencing, etc.

Applicants should have Ph.D. level postdoctoral experience in molecular biology, microbiology or related fields. They should provide evidence of expertise in all aspects of DNA sequencing, and be fully capable of directing a staff of six to eight support personnel. A background in related areas of research and applications, instrumentation, oligonucleotide synthesis is also desirable.

Salary is negotiable based on experience. Full-time position. Title will be based on experience. Starting date is 1 March 1988.

Applications should send curriculum vitae including a full description of experience, relevant reprints and the names of three references to: Dr. Jordan Konisky, Center for Prokaryotic Genome Analysis, Department of Microbiology, University of Illinois, Urbana, IL 61801; telephone: 217-333-1142.

Closing date for applications is 15 December 1987. Interviews may be conducted before that time, but all applications received before 15 December 1987 will receive full consideration.

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

RESEARCH SCIENTIST

RESEARCH SCIENTIST with a strong background in either neurophysiological or neurochemical research to join a team of scientists to conduct integrative studies of neurochemical, behavioral, and neurophysiological aspects of alcohol tolerance and dependence in rats. This is a continuing position with previous research desirable. Candidates with two or more years of postdoctoral experience preferred. Ph.D. in biological sciences or equivalent. Send a curriculum vitae to: Howard Blanc, Director, Research Institute on Alcoholism, 1021 Main Street, Buffalo, NY 14203.


RESEARCH SCIENTIST

Ph.D. Roger Williams General Hospital seeks a RESEARCHER with a Ph.D. in immunology. The candidate must qualify for a position on the faculty of Brown University as Assistant or Associate Professor of Surgery (Research). He or she must have skills and interest in related areas of research and training with experience in the following: numerical analysis, and computer graphics. Salary: $29,300 per year. Send résumé to: Mrs. Armstrong, Department of Zoology, P.O. Box 428, Huntingt, AL 35804. Job Order number: ALE018804.

RESEARCH SCIENTIST

University of California, Los Angeles (UCLA)

The Department of Anthropology invites applications for TENURE-TRACK POSITION IN BIOLOGICAL ANTHROPOLOGY. Search is open to all specialties in biological anthropology. Candidate should have a strong research record. Preference will be given to candidates with strong commitment to field research. Appointment preferably at the assistant professor level but higher ranks not excluded. Ph.D. required at time of application. Send curriculum vitae and names of three referees by 15 January 1988 to: Dr. Kenneth Brown, Chair, Ecology Search Committee, Department of Anthropology, University of California, Los Angeles, CA 90024.

An Equal Opportunity Employer/Affirmative Action Employer.

An Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK POSITION IN MARINE SCIENCE

The University of Maryland wishes to make a tenure-track faculty appointment in marine sciences (CEES) and the University of Maryland Eastern Shore (UMES) in marine sciences in the University's campuses on the Eastern Shore of Chesapeake Bay. The appointment will be joint between the Horn Point Environmental Laboratories of the Center for Environmental and Estuarine Studies (CEES) and the University of Maryland Eastern Shore (UMES).

Applications are not restricted to U.S. citizens. This is a full-time position with benefits. Salary and rank will be negotiable.

An Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK POSITION IN BIOLOGICAL ANTHROPOLOGY

The Department of Anthropology invites applications for TENURE-TRACK POSITION IN BIOLOGICAL ANTHROPOLOGY. Search is open to all specialties in biological anthropology. Candidate should have a strong research record. Preference will be given to candidates with strong commitment to field research. Appointment preferably at the assistant professor level but higher ranks not excluded. Ph.D. required at time of application. Send curriculum vitae and names of three referees by 15 January 1988 to: Dr. Kenneth Brown, Chair, Ecology Search Committee, Department of Anthropology, University of California, Los Angeles, CA 90024.

An Equal Opportunity Employer/Affirmative Action Employer.

TENURE-TRACK POSITION IN BIOMEDICAL SCIENCES

The University of Maryland School of Medicine wishes to make a tenure-track faculty appointment in marine sciences (CEES) and the University of Maryland Eastern Shore (UMES) in marine sciences in the University's campuses on the Eastern Shore of Chesapeake Bay. The appointment will be joint between the Horn Point Environmental Laboratories of the Center for Environmental and Estuarine Studies (CEES) and the University of Maryland Eastern Shore (UMES).

Applications are not restricted to U.S. citizens. This is a full-time position with benefits. Salary and rank will be negotiable.

An Equal Opportunity/Affirmative Action Employer.

An Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK POSITION IN MARINE SCIENCE

The Horn Point Environmental Laboratories is one of three laboratories of CEES devoted to research, education, and public service in areas concerned with the environment and natural resources of the Chesapeake Bay. Located in Cambridge, Black, is a land-grant campus of the University of Maryland.

The successful appointee will be responsible for directing a joint B.S./M.S. Degree Program in Marine and Estuarine Sciences. The Director of the Program will be expected to contribute to the research and teaching missions of both CEES and UMES. Areas of professional expertise remain open within the context of campus missions and needs.

Applications should include the names and addresses of five people who can be approached for references, should be sent to:

Professor Victor S. Kennedy
Chairman, CEES/UMES Search Committee
Horn Point Environmental Laboratories
Post Office Box 775
Cambridge, MD 21613

Applications received by 4 December 1987 will be assured full consideration.

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

An Equal Opportunity/Affirmative Action Employer.
Applications are invited for a research scientist position with a large pharmaceutical company situated near Paris. A new neurobiology division is being established and a position is available for a scientist with training in biochemistry.

Biochemistry

Applicants hold a Ph. D or and equivalent degree. They also have substantial experience in neuropharmacology research with an expert knowledge in biochemistry. Candidates should submit at their earliest convenience their CV, photo, list of publication, hand written letter, selected reprints statement of research interests and list of three referees to MEDIA SYSTEM, 2. rue la Tour des Dames, 75009 Paris, France. Please quote reference 19425.

CONGRESSIONAL SCIENCE AND ENGINEERING FELLOWSHIPS

Applications Invited

The American Association for the Advancement of Science (AAAS) invites applications for two one-year Congressional Science and Engineering Fellowships. It will offer for the period beginning 1 September 1988. The Fellowship Program provides an opportunity for accomplished and societally aware postdoctoral scientists and engineers to participate in and contribute to the public policy-making processes within the Congress. Fellows work as special legislative assistants within the congressional staff system.

Persons may apply from any physical, biological, or behavioral science or any field of engineering. The term "science" is used broadly to include the system sciences, public health, and other technical professions. In addition to the fellowships awarded by the AAAS, about 15 others are given by other participating professional societies. The AAAS runs a year-long educational program for both its own Congressional Science and Engineering Fellows and those selected by the participating societies. Addresses of all participating societies are available from the address listed below.

The 1987–88 AAAS Congressional Science and Engineering Fellows will receive a stipend of $28,500; an additional $1,500 is available for relocation expenses and travel in connection with the Program.

In order to obtain detailed information on the Program and specific application requirements, write to:

Congressional Science and Engineering Fellows Program
American Association for the Advancement of Science
1533 H Street, NW
Washington, DC 20005

The deadline for submission of application materials is 15 January 1988. The award will be announced around 1 May 1988.

Opportunities in Protein Structure/Function Research

The Macromolecular Sciences Department of Smith Kline & French Laboratories, located in suburban Philadelphia, PA is seeking outstanding scientists to conduct research in the structure-function analysis of proteins. The Department is comprised of scientists experienced in the application of biochemical and biophysical methods to protein structure and in the isolation, purification, characterization and chemical modification of proteins. A number of positions are currently available.

Protein Biochemist
Candidates must have a Ph.D. in Chemistry/Biochemistry with 1-3 years of postdoctoral experience; experience in protein purification and characterization, experience with membrane-bound proteins would be desirable.

Protein Crystallographer
Candidate must have a Ph.D. in a relevant scientific discipline with one or more years of postdoctoral experience; demonstrated ability to determine the crystal structure of proteins; strong background in biochemistry, computer programming and molecular modeling.

Postdoctoral Scientists
Candidates for the two available positions must have a Ph.D. in Chemistry/Biochemistry or other biomedical science; experience in state-of-the-art protein isolation and characterization. In addition, experience in one or more of the following areas would be desirable: (1) receptor/ligand interactions, (2) protein refolding, (3) chemical modification of proteins, (4) protein engineering as applied to structure-function analysis. Our postdoctoral appointments are normally for a two year duration.

We offer an excellent compensation and benefits package and an attractive relocation policy as well as a work environment that offers considerable opportunity for personal and professional growth. For confidential consideration, send your C.V. and names of three references to: Robert F. Oost, Manager, Personnel Relations, R0099, Smith Kline & French Laboratories, Research and Development Division, P.O. Box 1539, King of Prussia, PA 19406-0939. We are an Equal Opportunity Employer, M/F/H/V.
CALL FOR PAPERS
Dimensional Research Lab., Inc., a nonprofit research and development institution, is starting a new Journal promoting the usage and understanding of fifth-dimensional mathematics among the professions. Specific emphasis is to be on theory, and application. Some contributory topic examples are Klein-Gordon Theory, Fifth Dimensional Relativity, or Gravitation. For further information contact: Dimensional Research Laboratory, 142 South Eighth Street, Lindenhurst, NY 11757.

POSTDOCTORAL TRAINING
POSTDOCTORAL TRAINING IN MEMBRANE DIFFRACTION METHODS
A postdoctoral position is available for a Ph.D. scientist with a strong background in physical chemistry or physics who wishes to gain experience in diffraction methods in the context of lipid bilayer and cell membrane structure. The laboratory is engaged in x-ray diffraction, neutron diffraction, and NMR studies of peptide/bilayer interactions. The position is available immediately. Minorities and women are encouraged to apply. Applicants should submit a curriculum vitae, representative publication, and the names of three references to: Professor Stephen H. White, Chairman, Department of Physiology and Biophysics, University of Wisconsin-Madison, Madison, WI 53792.

PRE-AND POSTDOCTORAL TRAINING POSITIONS IN PULMONARY PHYSIOLOGY
Training is offered at the University of Wisconsin—Madison under the terms of a NIH training grant. Training faculty includes G. E. Biagard, J. A. Dempsey, G. S. Mitchell, J. B. Skatrud and E. H. Vidruk. Research emphasis includes chemoreceptor physiology, neural regulation of tracheal smooth muscle, exercise and sleep effects on neural-mechanical regulation of breathing, and the pathophysiology of respiratory muscle function. Write to: J. A. Dempsey, Ph.D., Department of Preventive Medicine, 504 Walnut Street, Madison, WI 53705. Include curriculum vitae and three references.

SYMPOSIUM
CALL FOR POSTERS
ERIC K. FERNSTRÖM SYMPOSIUM NEUROMUSCULAR JUNCTION 6 to 11 November, 1977, SWEDEN
For information: Eva Björkholm, Department of Pharmacology, Södervagen 10, S-223 62 Lund, Sweden.

CONVOCATION
11TH INTERNATIONAL CONVOCATION ON IMMUNOLOGY AND IMMUNOPATHOLOGY OF THE ALIMENTARY CANAL
Presented by The Ernest Wiethyky Center For Immunology at the Hyatt Regency Hotel. Closed plenary sessions will focus on the topics: Immune Response of the Oral Cavity, Periodontal Diseases; Inflammatory Bowel Diseases; Liver Host Response to Metastases; Nutritional Effects on the Immune Response; and Development of Vaccine. Open poster session. Deadline for abstracts is 1 December 1987. Further information is available on request from: Academic Secretary's Office, Wiethyky Institute, Rehovot 76100, Israel (Blint: RSMAR/RF at Weizmann, Telex: 383100).

PROGRAM
CAREER CHANGE OPPORTUNITY
This unique program offers the candidate with an earned doctorate in the sciences the opportunity to obtain a doctor of optometry (O.D.) degree in two calendar years. Employment opportunities exist in private practice. For further information contact: Ph.D.-O.D. Program Director, Admissions Office, The New England College of Optometry, Room 14, 424 Beacon Street, Boston, MA 02115.

DOCTORAL PROGRAM IN MOLECULAR AND CELLULAR BIOLOGY AND IMMUNOLOGY
Interdisciplinary program seeks qualified candidates interested in fundamental molecular and cellular biology and its application to disease. Stipends of $9000 available on a competitive basis. Contact: Director, MCDB Program, College of Graduate Studies, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC 29425.

Medical University of South Carolina (MUSC) offers DBRa and DBRB graduate M.D./Ph.D. degrees in each of the basic biomedical sciences (anatomy, biochemistry, biometry, microbiology and immunology, pathology, pharmacology, and physiology), pharmaceutical sciences, and molecular and cellular biology/medicine. $9000 assistantships available to highly qualified students. Contact: College of Graduate Studies, MUSC, 171 Ashley Avenue, Charleston, SC 29425.

TRAINING PROGRAMS
FELLOWSHIPS
POSTDOCTORAL FELLOWSHIP CENTER FOR CLINICAL NEUROPHYSIOLOGY
An unexpected opening as a postdoctoral fellow (either M.D. or Ph.D.) in clinical neurophysiology is available at the Centers for Clinical Neurophysiology (CCN), University of Pittsburgh Heart Center. The CCN provides a full range of evoked potential and monitoring. The CCN is completely computerized with its own Ethernet and over 40 computers and it implements the development of new computational approaches to clinical neurophysiology. Opportunities are provided for active participation in current and ongoing research projects in both the basic and clinical neurosciences. Participating faculty include: M. Bennett, Ph.D.; J. R. Bouffard, Ph.D.; M. Humber, M.D.; M. Moller, M.D.; R. J. Scabassi, M.D., Ph.D.; L. Skaer, M.D. For information please contact: Robert J. Scabassi, M.D., Ph.D. Director, Center for Clinical Neurophysiology Department of Neurosurgery University of Pittsburgh Pittsburgh, PA 15260 Telephone: 412-647-5093

FELLOWSHIPS
C. H. BEST FOUNDATION POSTDOCTORAL FELLOWSHIPS
In diabetes research, molecular endocrinology, molecular biology, differentiation, reproductive biology, immunology, structure and function membranes, and lipid metabolism. Tenable in the Banting and Best Department of Medical Research. Applications for the 1988 competitive stipend are available to Ph.D.'s or candidates with less than 2 years of postdoctoral training by November 1, 1988. Send curriculum vitae, transcripts, and three letters of reference, preferably before 30 November 1987 to: Dr. Arnis Kuljis, Fellowship Committee Chair, Banting and Best Department of Medical Research, University of Toronto, Toronto, Ontario M5G 1L6.

POSTDOCTORAL FELLOWSHIPS
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Statement required by the Act of 12 August 1970, Section 3685, Title 39, United States Code, showing the ownership, management, and circulation of:
1-6. Science is published weekly on Friday except the last Friday in December at 1 H Street, NW, Washington, D.C. 20005. Date of filing: 21 October 1987. This is the address of the publisher, the editor, and the managing editor, who are, respectively, Alvin W. Trivel piece, J. Albrecht, and E. Koshland, Jr. The owner is American Association for the Advancement of Science, 1515 H Street, NW, Washington, D.C. 20005. Stockholders: None.

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