Personnel Placement

SCIENCE publishes each Friday, except the last Friday of the year. Advertising is accepted only in writing; no abbreviations in boldface. Deadline is 6 weeks after date of issue in which ad appears. Also, personnel ads are classified under the understanding that the advertiser does not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sexual preference.

LINE CLASSIFIED ADVERTISING DEADLINES:

- Human: Thursday, 10 weeks prior to issue date (mailed on issue date).
- Computer: Thursday, 8 weeks prior to issue date (mailed on issue date).
- Industrial: Thursday, 6 weeks prior to issue date (mailed on issue date).
- Personal: Thursday, 4 weeks prior to issue date (mailed on issue date).
- Promotions: Thursday, 2 weeks prior to issue date (mailed on issue date).

POSITIONS WANTED

Ph.D. in Phosphoinositide Metabolism: Well experienced in all aspects of PI cycle including enzyme assays and HPLC. Excellent knowledge of phospholipids. Also experienced in leading a group of researchers. Seeks challenging research/postdoctoral position in PI cycle, preferably at a RAIN. Please send curriculum vitae and list of references. Full citation of paper on isomers of inositol phosphates/PI, IP3, ITP metabolism, calcium mobilization, PKC, PI cycle in brain cell cultures, fatty acids, arachidonic acid metabolism, and product analysis. First class, airmail, desired. Please supply a resume by 21 March 1988 by submitting curriculum vitae, a brief description of future research plans, and having three letters of reference sent to:

Dr. Terry C. Johnson, Director
Division of Biology
Ackert Hall
Kansas University
Manhattan, KS 66506

KSU is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR EUKARYOTIC GENETICS/ MOLECULAR BIOLOGY

The Division of Biology at Kansas State University has a tenure-track position available at the assistant professor level effective September, 1988. Applicants are invited from investigators with postdoctoral and/or research experience in eukaryotic genetics and/or molecular genetics. The Division has a strong program in biological research, excellent facilities and a distinguished faculty with several millions of dollars in extramural grants. The successful candidate will be expected to establish a vigorous and creative research program and to participate in graduate and undergraduate instruction. Applicants should supply a resume by 21 March 1988 to:

Dr. Michael A. Kolitsky, Chair, Department of Biological Sciences, California Lutheran University, 60 West Olsen Road, Thousand Oaks, CA 91360.
POSITIONS OPEN

ASSISTANT PROFESSOR

The Institute for Advanced Studies in Biological Process Technology, a College of Biological Sciences of the University of Minnesota invites applications for a tenure-track position at the rank of assistant professor in cell biology or microbiology.

Applications must have a Ph.D. in either microbiology, genetics, biochemistry or a related field. We are seeking an individual whose research interests are directly related to the general objectives of the Institute and able to develop an active independent research program. Preference will be given to individuals who have an interest in research to biotechnology.

Tenure and teaching responsibilities for this position will reside in the Department of Genetics and Cell Biology or the Department of Microbiology. This position is available beginning in the fall of 1988. Salary is negotiable based upon applicants previous experience.

Applications should send a letter summarizing their research interests, experience, and goals; curriculum vitae; three letters of recommendation send to: Dr. Michael C. Flickinger, BPTI, 340 Gortner Hall, 1447 Gortner Avenue, University of Minnesota, St. Paul, MN 55108.

Applications should be postmarked no later than 15 April 1988.

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

ANT PROFESSOR OF BIOLOGY. August 1988 tenure-track position for broadly-trained microbiologist to teach in nursing program at Clarion University’s Venango Campus in Oil City, Pennsylvania. Courses include microbiology, pathophysiology (emergent agents), a general biology lecture course, and special topics course and graduate seminars. Teaching is emphasized. Active professional development expected. Ph.D. required. Deadline for application material is 5 April 1988. Send letter of application, curriculum vitae, transcripts and three letters of recommendation to: Dr. William Belzer, Chairman, Biology Search Committee, Venango Campus, Oil City, Pennsylvania 16301. Telephone: 814-676-6899. Clarion University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR OF MICROBIOLOGY

The Department of Microbiology invites applications for a tenure-track position as Assistant Professor at Jefferson College of Medicine and Dentistry of Thomas Jefferson University. Candidates are expected to possess a Ph.D. or M.D., at least 2 years of postdoctoral research experience, and a strong record of research achievement in virology, or pathogenesis of bacterial diseases at the molecular level. The successful candidate will be expected to develop an independent research program, to obtain extramural support and participate in the medical and graduate programs offered by the department. Candidates should submit curriculum vitae, the names of three references, and a brief statement of research interests to:

Russell W. Schaadler, M.D.
Chairman, Department of Microbiology
Thomas Jefferson University
1020 Locust Street
Philadelphia, PA 19107

The Jefferson University is an Equal Opportunity Employer.

Tulane University School of Medicine is seeking two full-time ASSISTANT PROFESSORS of Medicine in the Endocrine Section of the Department of Medicine. The individual selected must be Internal Medicine Board-certified or Board-eligible with Endocrine/Metabolic Board or eligibility. The positions involve teaching, patient care, and research responsibilities. Applicants should have a current Louisiana medical license and possess a strong commitment to teaching, research, and patient care. The individual should have experience in the clinical and laboratory diagnosis of endocrine disorders. Exceptional educators and researchers are encouraged to apply. Applications should include an up-to-date curriculum vitae. Deadline is 10 March 1988. Tulane University is an Affirmative Action/Equal Employment Opportunity Employer.

Applications are invited for the position of ASSISTANT PROFESSOR in the Division of Allergy and Clinical Immunology at the University of Colorado Health Sciences Center. The successful applicant will either provide patients with immunosuppressive care, or have the potential to develop research programs in related areas such as autoimmunity, immunogenetics, and other immunobiologic disorders. Experience in academic medicine is desirable. Candidates must have current Board certification and must have or be eligible for a Colorado medical license. The position is available at any level from faculty to full-time and may be open to any rank. Interested persons should send curriculum vitae, and names and addresses of three references to: John W. Moorhead, Ph.D., Division of Allergy and Clinical Immunology, Box 8-104, University of Colorado Health Sciences Center, Denver, CO 80262. An Equal Opportunity/Affirmative Action Employer. Closing date: 1 June 1988.

ASSISTANT PROFESSOR OF BIOCHEMISTRY

Twelve-month tenure-track position. To teach biochemistry at the new University of New Mexico School of Medicine. Experience in biochemistry is desirable. Introduction to biochemistry is mandatory. Candidates must meet University of New Mexico qualifications. For information contact: Dr. Robert F. Gentry, University of New Mexico, 16301. Screening of applicants will begin 1 April and continue until positions are filled.

UMANC is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR

LABORATORY OF TOXICOLOGY

HARVARD SCHOOL OF PUBLIC HEALTH

The Laboratory of Toxicology is searching for a junior faculty member to establish an independent research program on molecular and/or cellular mechanisms of toxicity and to complement the existing faculty whose research interests include molecular mechanisms of mutagenesis, DNA repair genes, receptor mediated carcinogenesis and tumor promotion, molecular events regulating the mammalian cell cycle, and biochemical and molecular regulation of epithelial cell differentiation. The position includes the opportunity and responsibility for doctoral and postdoctoral teaching and training. Send curriculum vitae, a statement of research interests, and the names of three references to: Professor A. H. Tashjian, Jr., Laboratory of Toxicology, Harvard School of Public Health, 665 Huntington Avenue, Boston, MA 02115. Harvard University is committed to increasing representation of women and minority members among its faculty and particularly encourages applications from such candidates.

ASSISTANT/ASSOCIATE MEMBER

The Center for Molecular Medicine and Immunology, University of Medicine and Dentistry of New Jersey, has a vacancy to be filled as the assistant/associate level for an investigator with demonstrated experience in hybridoma technology. The investigator will be expected to develop and maintain an independent research program within the area of molecular immunology and in addition will have responsibilities in the hybridoma laboratory. Applicants having a Ph.D. or M.D. and appropriate experience, preferably with grant support, should send curriculum vitae, a description of research interest and names of three references to:

David M. Goldenberg, Sc.D., M.D.
President
Center for Molecular Medicine and Immunology
at the University of Medicine and Dentistry of New Jersey
1 Brin Building
Newark, NJ 07103
An Equal Opportunity Employer

ASSISTANT OR ASSOCIATE BIOLOGY PROFESSOR


PERSONNEL PLACEMENT 1045
**SENIOR RESEARCH SCIENTIST**

**ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) PROGRAM, National Institute of Allergy and Infectious Diseases (NIH)** is seeking a senior level scientist in microbiology, virology, or immunology, to serve as Chief of the Prevention Branch. Responsibilities of the position include planning and directing major extramural research efforts in the areas of: development of vaccines and chemoprophylactic agents for the prevention of HIV infection and its sequelae; preclinical development of safe and effective AIDS vaccines; evaluation of AIDS vaccines in Phase I, Phase II and Phase III clinical trials; management of government-industry-academic cooperative vaccine development groups; and management of international collaborative efforts in AIDS vaccine development and clinical testing. Applicants should have a Ph.D. or M.D.; a broad background in microbiology, virology or immunology; postdoctoral laboratory research experience; experience in research program administration; publications in recognized referred journals in the field of scientific expertise; and knowledge of Federal Government extramural research program administration.

Salary range is $54,907 to $71,377. (Medical Officers are paid at a slightly higher rate, and may be eligible for a Physician’s Comparability Allowance (POA) up to $7,000 per year). U.S. citizenship is required. Send curriculum vitae to: Daniel F. Hoth, M.D., Acting Director, AIDS Program, National Institute of Allergy and Infectious Diseases, NIH, 9000 Rockville Pike, Building 31, Room 7A48, Bethesda, Maryland 20892.

NIH IS AN EQUAL OPPORTUNITY EMPLOYER

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**RESEARCH ASSOCIATES**

**DRUG METABOLISM**

The Squibb Institute for Medical Research is recognized internationally as a leader in the research and development of novel therapeutic agents for the treatment of cardiovascular and infectious diseases. Due to our continued growth, we have several new opportunities available for research scientists to join our Drug Metabolism Department.

Your responsibilities will include, but not be limited to, assisting in studies of the metabolism of drug candidates both in vivo and in vitro. This work will include the application of modern analytical techniques and biochemical methodology to drug metabolite studies.

Qualified candidates must have a B.S. degree (M.S. preferred) in Biology, Chemistry, Pharmacy (or related) discipline and a minimum of 1 year applicable research experience, to include the use of modern analytical methods (HPLC, TLC, etc.) and radiolabeled compounds. Animal handling experience is required.

We can offer an excellent salary and comprehensive benefits package as well as the opportunity to pursue a stimulating and rewarding career. For confidential consideration, please submit your resume to: The Squibb Institute for Medical Research, Human Resources Department, 745, P.O. Box 4800, Princeton, New Jersey 08540. An equal opportunity employer.

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**Molecular Biologist/ Biochemist**

New England Biolabs is seeking qualified professionals to join these active groups: 1) cloning, sequencing and overexpressing restriction and modification genes and parasitic antigens; and 2) purifying and characterizing restriction endonucleases.

You should have a BS or equivalent degree, and familiarity with recombinant DNA procedures or protein purification techniques. We encourage attendance at meetings, publication of research results and open communication with others.

**Microbiologist/ Fermentation Specialist**

We are also in need of an experienced individual to work with 25-100 litre fermentations in a variety of microorganisms. Cell disruption and protein purification experience are helpful; a BS in Microbiology or a related field and general mechanical skills are essential.

New England Biolabs offers a generous salary and benefits package, as well as the opportunity to learn and grow in an exciting and growing professional environment. Please submit your curriculum vitae and three references to:

New England Biolabs, Inc.
Human Resources
32 Tozer Road
Beverly, MA 01915-5510

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**AAAS Memberships and Subscriptions**

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- Query: If you have a question, place your address label here and attach this form to your letter.
- To join or subscribe: Mail this form with your payment, mark the appropriate boxes, and print your name and address in the space below. (For renewals, attach label.)

- Membership rates (individual only)
  - $65 USA
  - $97 Canada
  - $92 Foreign
  - $130 air-surface delivery via Holland

- Subscriber rates
  - $98 USA
  - $130 Canada
  - $125 Foreign
  - $163 air-surface delivery via Holland

- Payment enclosed 
- Bill me later

Name

Address

City State Zip
HUMAN GENOMICS

Los Alamos National Laboratory has challenging opportunities available for outstanding professionals. The Laboratory is one of two Centers designated by the Department of Energy to study the human genome and has developed a comprehensive, multidisciplinary program in human genomics.

DIRECTOR
Center for Human Genome Studies
This is a senior level management position. The Director will be responsible for the administrative and technical management of a long term program whose activities include physical mapping of human chromosomes; nucleotide sequencing; information/computation efforts; and new technology research, development and application together with technology transfer for commercial applications. Ability to initiate programs and foster productive interactions among program sponsors, Laboratory staff and institutions participating in development of the Center’s biological, engineering and computational capabilities is crucial. Requirements include proven technical achievements in R & D with demonstrated expertise in biological and physical sciences; demonstrated leadership skills in managing a multidisciplinary team; PhD or MD or equivalent training and experience. Refer to Job #70518RG.

MOLECULAR BIOLOGISTS & COMPUTER SCIENTISTS
Molecular Geneticists
Will be responsible for conduct of research programs on human genome organization by constructing physical maps of individual human chromosomes. These positions require relevant training or experience in one of the following areas: cloning vector systems (yeast artificial chromosomes, cosmids, phage), specialized recombinant linking libraries, macrorestriction analysis using pulsed field gel electrophoresis, rapid chromosome walking or random clone ordering techniques using automation and process modification. Refer to Job #70029RG.

DNA Enzymologist
Will be responsible for developing new DNA sequencing technologies. Requires relevant training or experience in a combination of the following areas: DNA synthesis, DNA degradation, DNA labeling with novel tracers, DNA hybridization and fluorescence detection and associated techniques. Refer to Job #70031RG.

The previous two positions require a PhD or equivalent training and experience plus outstanding research records in one or more of the following disciplines: molecular biology, molecular genetics or biochemistry.

Computer Scientists
Will be responsible for developing system tools for assembling and managing a comprehensive database and network of DNA mapping and sequence information. A PhD in Computer Science plus research experience in database management, expert systems or networking are desired. Refer to Job #80008RG.

For preceding positions, applicants should send curriculum vitae, salary history and names of three references in confidence to Richard O. Garcia, Personnel Services Division (MS P282), Los Alamos National Laboratory, Los Alamos, NM 87545.

POSTDOCTORAL RESEARCH APPOINTMENTS
Postdoctoral appointments are available for those with a PhD in Molecular Biology, Molecular Genetics, Biochemistry, or Computer Science. Appointments are for one year, renewable for a second year. Eligibility is limited to candidates who have received a doctoral degree within the past three years.

For postdoctoral positions, submit your curriculum vitae, employment application, three letters of reference, graduate and undergraduate transcript and research interests to Carol M. Rich (MS P290), Human Resources Development Division, Los Alamos National Laboratory, Los Alamos, NM 87545.

University of California

Los Alamos
POSITIONS OPEN

ASSOCIATE OR ASSOCIATE PROFESSOR IN THE BIOCHEMICAL SCIENCE PROGRAM. The Department of Biological Sciences at the University of Chicago invites applications for a position at the Associate Professor level. The successful candidate will have a strong track record of excellence in research and teaching in the areas of biochemistry, molecular biology, and related fields. Applicants should submit a curriculum vitae, a statement of research interests, and three letters of reference to: Department Chair, University of Chicago, 5801 S. University Drive, Chicago, IL 60637. Phone: 312-702-6237.

The Department of Biological Sciences at the University of Chicago seeks applications for a position at the Associate Professor level. The successful candidate will have a strong research record in biochemistry, molecular biology, and related fields. Applicants should submit a curriculum vitae, a statement of research interests, and three letters of reference to: Department Chair, University of Chicago, 5801 S. University Drive, Chicago, IL 60637. Phone: 312-702-6237.

The Department of Biological Sciences at the University of Chicago seeks applications for a position at the Associate Professor level. The successful candidate will have a strong research record in biochemistry, molecular biology, and related fields. Applicants should submit a curriculum vitae, a statement of research interests, and three letters of reference to: Department Chair, University of Chicago, 5801 S. University Drive, Chicago, IL 60637. Phone: 312-702-6237.

KANSAS STATE UNIVERSITY

The College of Arts and Sciences invites applications and nominations for the position of ASSOCIATE DEAN. Responsibilities will include: stimulating faculty involvement in research funding, and other creative and scholarly activity; assisting in the maintenance of both pre- and post-doctoral programs; and planning the development of research facilities. Additional duties will be assigned by the dean as appropriate. Applications and nominations may be sent to: Dr. William E. Carpenter, Associate Dean College of Arts and Sciences Eisenhower Hall Kansas State University Manhattan, KS 66506

We will begin reviewing applications 1 March 1988. Kansas State University is an Equal Opportunity Employer.

BEHAVIORAL PHARMACOLOGIST—A grant-supported position is available immediately for a postdoctoral fellow to carry out pharmacological and toxicological research on the effects of drugs of abuse in the brain. Applicants should have strong backgrounds in pharmacology and toxicology and an interest in understanding the neurochemical mechanisms underlying behavioral effects of drugs of abuse. Interested candidates should send a curriculum vitae, a statement of research interests, and three letters of reference to: Dr. Robert L. Balster, Department of Pharmacology and Toxicology, University of Virginia, Box 613, Richmond, VA 23298-0613. Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

BIOCHEMICAL ENGINEER: The Water Engineering Research Laboratory (NERA), invites applications for a research assistant position. The position includes research and teaching duties in the areas of water treatment processes and impact of conventional and toxic pollutants in wastewater treatment systems. Knowledge of biochemical reactor engineering, experience in biochemical processes, and biogasification is desirable. A Ph.D. is highly desirable. Salary is competitive. Application closing date is 5 May 1988. Send application letter, curriculum vitae, statement of research interests, and two letters of reference to: Dr. J. A. Smith, Department of Civil Engineering, NERA, University of California, Berkeley, CA 94720. NERA is an Equal Opportunity/Affirmative Action Employer.

BIOCHEMICAL ENGINEERING FACULTY POSITIONS. The Department of Chemical Engineering at the University of Illinois at Urbana-Champaign invites applications for full-time, tenure-track tenure-track faculty positions at the assistant, associate, or full professor levels. Applicants must have a doctoral degree in chemical engineering and a strong record of research and teaching. Salary is competitive. Applications should be submitted by 1 March 1988. Send application letter, curriculum vitae, statement of research interests, and three letters of reference to: Dr. R. K. Smith, Department of Chemical Engineering, University of Illinois at Urbana-Champaign, Urbana, IL 61801. The University of Illinois is an Equal Opportunity/Affirmative Action Employer and encourages applications from women, minorities, and persons with disabilities.

BIOCHEMISTRY—FACULTY POSITIONS. The Department of Biochemistry at the University of Illinois at Urbana-Champaign invites applications for full-time, tenure-track faculty positions at the assistant, associate, or full professor levels. Applicants must have a doctoral degree in biochemistry and a strong record of research and teaching. Salary is competitive. Applications should be submitted by 1 March 1988. Send application letter, curriculum vitae, statement of research interests, and three letters of reference to: Dr. R. K. Smith, Department of Biochemistry, University of Illinois at Urbana-Champaign, Urbana, IL 61801. The University of Illinois is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF CALIFORNIA

The College of Biological Sciences invites applications for a faculty position at the rank of Associate Professor. Candidates should have a strong record of research and teaching in the areas of biochemistry, molecular biology, and related fields. Applicants should submit a curriculum vitae, a statement of research interests, and three letters of reference to: Department Chair, University of California, 5801 S. University Drive, Chicago, IL 60637. Phone: 312-702-6237.

We will begin reviewing applications 1 March 1988. University of California is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

BIOCHEMIST/MOLECULAR BIOLOGIST. The Department of Chemistry at the University of California, Berkeley, invites applications for a faculty position at the rank of Assistant Professor in the area of biochemistry. The successful candidate will have a strong record of research and teaching in the areas of biochemistry, molecular biology, and related fields. Applicants should submit a curriculum vitae, a statement of research interests, and three letters of reference to: Department Chair, University of California, 5801 S. University Drive, Chicago, IL 60637. Phone: 312-702-6237.

We will begin reviewing applications 1 March 1988. University of California is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

CHIEF ELECTRON MICROSCOPE TECHNICIAN

Chief EM Technician, Ph.D. or equivalent experience. Must be experienced in electron microscopy and EM instrumentation, specimen preparation, including fixation, embedding, staining, and visualization. Must have an advanced degree in Biological Sciences, an M.S. in Biological Sciences, or equivalent. Salary is negotiable. Experience with transmission and scanning electron microscopy of human tissues and cell culture specimens from normal and cystic fibrosis patients is desirable. Experience working with EM instrumentation, specimen preparation, including fixation, embedding, staining, and visualization is required. Excellent fringe benefits package. Respond by writing only to: Dr. J. A. Smith, Department of Biological Sciences, University of California, Berkeley, CA 94720.

We will begin reviewing applications 1 March 1988. University of California is an Equal Opportunity/Affirmative Action Employer.
POSTDOCTORAL POSITIONS IN GENETICS

The Department of Genetics at the Southwest Foundation for Biomedical Research has postdoctoral positions available in several areas of genetic research. Our multidisciplinary research programs utilize human subjects, unique pedigreed colonies of baboons (n = 3000) and marsupials (n = 1000), and laboratory mice and rats.

MOLECULAR AND BIOCHEMICAL GENETICS

Several postdoctoral positions are available for individuals with molecular, biochemical, or cell culture expertise to collaborate with Drs. James Hixson and John Vandenberg. Ongoing projects include studies of the structure, function, regulation, and linkage relationships of specific genes involved in cholesterol metabolism and atherosclerosis, hypertension and cardiac hypertrophy, alcoholism and alcohol metabolism, and X-chromosome inactivation.

QUALITATIVE GENETICS OR GENETIC EPIDEMIOLOGY

One position is available for an individual with a strong background in quantitative genetics, human population genetics, or genetic epidemiology to collaborate with Drs. Candace Kammerer, Jean MacCluer, and Bennett Dyke. Ongoing projects include evaluations of methods of genetic analyses using computer-simulated data and investigations of genetic factors contributing to atherosclerosis (using data from our pedigreed baboon and marsupial populations) and Long QT Syndrome (using data from human subjects).

Applicants must have a Ph.D. or M.D. degree or expect to obtain one by the end of 1988. Send curriculum vitae, and names, addresses, and telephone numbers of at least three references to: Personnel Manager, Southwest Foundation for Biomedical Research, P.O. Box 28147, San Antonio, Texas 78284-2500, Equal Opportunity Employer, M/F.

IDEON CORPORATION is a new biotechnology research and development company located in Redwood City, CA. IDEON's research focuses on the development of products using anti-idiotypic monoclonal antibodies and novel immunomodulators. Ideon is rapidly expanding and seeking experienced scientists to play key roles in building this exciting new enterprise.

DIRECTOR OF CLINICAL IMMUNOLOGY LABORATORY

Northwestern University's University School of Medicine is accepting applications for a tenure-track position in the Department of Pathology, rank will be commensurate with training, experience, and record of scholarly activity. Preference will be given to individuals with an established research program in basic immunology and experience in graduate education. Send curriculum vitae, a brief statement of research accomplishments and future plans, and names and addresses of at least three references no later than 25 March 1988 to: Dr. D.G. Scarpetti, Department of Pathology, Northwestern University Medical School, 303 East Chicago Avenue, Chicago, IL 60611.

Northwestern University Medical School is an Equal Opportunity/Affirmative Action Employer.

Pfizer Central Research has immediate openings for scientists in its general pharmacology and cardiovascular drug discovery project teams.

The general pharmacology openings (2 positions) involve the biochemical and physiological characterization of potential new drug candidates. Research areas include the endocrine, CNS, gastrointestinal, cardiovascular, renal, and pulmonary systems. You should have a BS or MS degree and 1-3 years of experience with physiological techniques and/or biochemical techniques applicable to one or more of these systems.

If you are interested in the cardiovascular position, you should have a background in cardiovascular or renal pharmacology/physiology with a Master's degree or equivalent experience. You should also have experience with the hypertension/renin-angiotensin system, with a knowledge of relevant in vivo cardiovascular and renal measurement techniques. A working knowledge of basic biochemical techniques, such as experience with radioimmunoassays, would be helpful.

In addition to a stimulating scientific environment, we offer a competitive compensation/benefit package and relocation assistance to an attractive southeastern Connecticut shore community. Please send a resume, description of research experience and names of three references to: Mrs. Lorraine C. Corr, Personnel Associate, Pfizer Central Research, Eastern Point Road, Groton, CT 06340.
which would be desirable for one who is to develop a new program of health education. The research will be as an associate professor with an adjunct or joint appointment in the Department of Philosophy. Salary is competitive and includes a sabbatical year. Preferred starting date will be fall of 1988.

Applicants should send a cover letter and curriculum vitae to: Ethics Search Committee, Office of the Provost, University of Oklahoma, 925 Boyd Hall, University, Tulsa, Oklahoma 74104, or on or before 27 March 1988. The University of Oklahoma is an Equal Opportunity/Affirmative Action Employer.

DIRECTOR
INFORMATION TRANSFER CENTER

The Industrial Technology Institute is a not-for-profit organization that develops and deploys advancement of manufacturing processes, manufacturing technology, and development programs in industrial automation. The Institute is pleased to announce that applications of qualified candidates are being accepted for the position of Director, Information Transfer Center. One of the four laboratories that exist in the organization, the Information Transfer Center offers a spectrum of information services and products including database development, on-line search services, publications, computer conferencing, and documents retrieval, as well as maintaining an extensive library collection focused on the manufacturing sciences and industry issues. With a staff of fourteen positions, ITI is involved in a variety of projects either in conjunction with other labs in the Institute or dealing directly with external private and public sector clients.

We are seeking an individual with a rare combination of skills, background, and qualities. Educational requirements include an advanced degree in a discipline relevant to information technology, and a Ph.D. or equivalent qualification. Ph.D. level of training, including a mix of professional and research experience, is desired. M.A./M.S. in Library/Information Science, Communications, Computer Science, or an appropriate behavioral science discipline. A Ph.D. level of training is preferred, however, a demonstrated interest will be placed on experience and personal qualities.

The ideal candidate will possess 10+ years of progressive responsibility in the information area, with solid knowledge of the manufacturing sector and familiarity with the clientele therein. The individual should be well connected, both with peers in the information field, as well as potential major clients in the public and private sectors. Additionally, a background in research and development organization including facets such as program marketing, proposal generation, and project management would be highly desirable.

Most importantly, we are looking for an articulate leader, effective manager, and excellent communicator who is able to inspire, motivate, and provide day-to-day direction to a very talented staff. The individual should be able to translate the mission of the Institute into an ongoing strategic process for the Center, and play an important role as a member of the management team of ITI.

The Industrial Technology Institute offers a stimulating work environment, competitive salary and benefits package including pension, and the opportunity to be part of a fast growing organization. Please send résumé and salary history to:

Industrial Technology Institute
Human Resources
1003 Independence Avenue
Ann Arbor, MI 48106
Equal Opportunity Employer
DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES

OPENING DATE: January 18, 1988
(CLOSING DATE: March 4, 1988)
(All applications must be postmarked before closing date)

Position: Director, Division of Digestive Diseases and Nutrition

The National Institute of Diabetes and Digestive and Kidney Diseases invites nominations and applications for the position of Director, Division of Digestive Diseases and Nutrition (D DN). The candidate must be internationally recognized within the scientific community as an authority in digestive diseases. In addition, the candidate should demonstrate an interest and a commitment to nutrition research. This Institute conducts, fosters, and supports research and research training in the prevention, management, and cure of diabetes and related endocrine and metabolic diseases; kidney, urologic and hematologic diseases, and digestive diseases and nutrition. Programs encompass intramural laboratory research and extramural (grants and contracts) activities in fundamental diabetes digestive and kidney disorders.

The incumbent serves as the primary official with responsibility for planning and executing the Institute’s digestive diseases and nutrition extramural programs. This includes basic and applied research, training fellowships, institutional training awards, multipurpose research centers, clinical trials, and data collection. Advises and participates with the outside voluntary health organizations and the National Advisory Council in identifying and accessing the needs and requirements for research and manpower development in the digestive diseases and nutrition disorders. Additionally, the incumbent serves as principal advisor to the Institute Director on matters and policies pertaining to these areas. Also, the incumbent will conduct intramural research projects in the areas of digestive related diseases and nutrition.

This is a Civil Service position in the Senior Executive Service (SES), with a salary range from $64,760 to $73,400 per annum, depending on qualifications. Currently the payable salary is limited to $73,400. Physicians may be eligible for an additional comparability allowance up to $10,000 per year. (Alternatively, candidates may be eligible for appointment in the Commissioned Corps of the U.S. Public Health Service). Mandatory professional/technical qualifications are a medical degree and research program administration and/or clinical experience in digestive diseases and nutrition. Further information on these qualifications are available by contacting Mr. Syd Carter, Personnel Management Specialist, National Institute of Diabetes and Digestive and Kidney Diseases, 9000 Rockville Pike, Building 31, Room 9A30, Bethesda, Maryland 20892, (301) 496-4231.

Mandatory managerial/executive qualifications include evidence of management of a basic or clinical research program, demonstrating ability to assume leadership responsibilities in developing program goals; representing the program to outside groups; directing program planning, execution, and evaluation; and conducting a fair and equitable employment program, including the attainment of EEO objectives. Candidates who meet the mandatory qualifications will be further evaluated by the Search Committee on the degree to which they exceed the mandatory managerial/executive qualifications, and on the following desirable qualifications: scientific reputation/peer recognition, training and education, leadership of a basic or clinical research or research administration program, and honors and awards.

APPLICATIONS (APPLICATION FOR FEDERAL EMPLOYMENT SF-171) should be sent to Mr. Clifford Moss, Executive Secretary, Search Committee for Director, D DN, Building 31, Room 9A30, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland 20892, telephone (301) 496-4231.

A current curriculum vitae and bibliography must accompany all applications. Applications from women and/or minority group members are especially solicited.

NIH IS AN EQUAL OPPORTUNITY EMPLOYER

The Agricultural Division of CIBA-GEIGY, one of the world’s foremost agricultural and specialty chemical companies, is respected for both the quality of its research and the highly accomplished scientists it attracts. We are currently recruiting for two RESEARCH SCIENTISTS to join our Biochemistry Department at our Agricultural Biotechnology Research Unit in Research Triangle Park, North Carolina.

The first position involves the genetic engineering of various insecticidal materials. Specifically, the individual will be rearing test insects, performing various insect bioassays and performing statistical evaluations of the test results.

This position requires a BS or MS degree in a biological science or chemistry plus experience rearing corn root worms and/or European corn borers. Three to five years experience with insect bioassays and statistical analysis is essential. Experience in biochemical separations, protein chemistry, enzyme kinetics, insect neurophysiology, and/or recombinant DNA technology would be advantageous.

The second position involves production of monoclonal antibodies and development of immunoassays for detection and quantitation of proteins and haptons in plants.

This position requires a BS or MS in a biological science with 3-5 years experience in animal cell culture, monoclonal antibody technology and immunochemistry. Basic biochemical techniques such as gel electrophoresis, western blotting and affinity purification are required. Additional experience in biochemical separation and protein chemistry would be helpful.

Our state-of-the-art facilities in Research Triangle Park are conveniently located, with access to several outstanding universities. We offer an excellent salary and benefits package, and the opportunity to contribute to an innovative research program. For prompt and confidential consideration, forward a curriculum vitae and 3 letters of professional recommendation, to: Dr. Mary-Dell Chilton, CIBA-GEIGY Biotechnology Research, P.O. Box 23567, Research Triangle Park, NC 27709. Equal opportunity employer m/f/h/v.

Scientists

The Agricultural Division of CIBA-GEIGY, one of the world’s foremost agricultural and specialty chemical companies, is respected for both the quality of its research and the highly accomplished scientists it attracts. We are currently recruiting for two RESEARCH SCIENTISTS to join our Biochemistry Department at our Agricultural Biotechnology Research Unit in Research Triangle Park, North Carolina.

The first position involves the genetic engineering of various insecticidal materials. Specifically, the individual will be rearing test insects, performing various insect bioassays and performing statistical evaluations of the test results.

This position requires a BS or MS degree in a biological science or chemistry plus experience rearing corn root worms and/or European corn borers. Three to five years experience with insect bioassays and statistical analysis is essential. Experience in biochemical separations, protein chemistry, enzyme kinetics, insect neurophysiology, and/or recombinant DNA technology would be advantageous.

The second position involves production of monoclonal antibodies and development of immunoassays for detection and quantitation of proteins and haptons in plants.

This position requires a BS or MS in a biological science with 3-5 years experience in animal cell culture, monoclonal antibody technology and immunochemistry. Basic biochemical techniques such as gel electrophoresis, western blotting and affinity purification are required. Additional experience in biochemical separation and protein chemistry would be helpful.

Our state-of-the-art facilities in Research Triangle Park are conveniently located, with access to several outstanding universities. We offer an excellent salary and benefits package, and the opportunity to contribute to an innovative research program. For prompt and confidential consideration, forward a curriculum vitae and 3 letters of professional recommendation, to: Dr. Mary-Dell Chilton, CIBA-GEIGY Biotechnology Research, P.O. Box 23567, Research Triangle Park, NC 27709. Equal opportunity employer m/f/h/v.
FACULTY POSITION. The Department of Pharmacology, University of South Alabama, College of Medicine, invites applications for a tenure-track position at the level of assistant or associate professor. Applicants should have a Ph.D. or equivalent degree and 2 or more years of postdoctoral experience, as well as a commitment to the development of an excellent research program and an interest in teaching medical and graduate students. Applications are encouraged from individuals investigating the mechanisms of processes at the molecular and/or cellular level as broadly related to pharmacology. Interested individuals should send an outline of future research plans, curriculum vitae, including a bibliography, and the names of three references to: Dr. Samuel J. Streda, Faculty Search Committee, Department of Pharmacology, University of South Alabama, College of Medicine, 3130 Medical Sciences Building, Mobile, AL 36688. The deadline for the receipt of applications is 31 March 1988. The University of South Alabama is an Equal Opportunity/Affirmative Action Employer.

DEPARTMENT OF RADIATION ONCOLOGY
FACULTY POSITION
Assistant Professor
(M.D. OR Ph.D.)

Molecular biologist with experience in mammalian cell growth regulation to join an established research team with expertise in macromolecular, cell biology, biochemistry, and molecular immunology. Research will focus on altered growth regulation of neoplastic cells exposed to ionizing radiation, cytostatic drugs and growth factors. Program director: Dr. R. Russell G. Rhodes, Chairman, Department of Radiation Oncology. Send inquiries to: 1. David Goldman, M.D., Scientific Director, Medical College of Virginia Massey Cancer Center, MCV Box 240, Richmond, VA 23298. An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

GENETICIST: Applications are invited for a tenure-track position at the assistant professor level in the Department of Biology at Southwest Missouri State University. This position must have a Ph.D. and expertise in genetics and botany. The individual must be able to teach and develop advanced courses in genetics and general botany and will be expected to initiate a research program in these areas. A strong potential for fundable research is essential. Send by 15 March 1988, letter of intent, copies of transcripts, and a list of three potential references to: Dr. Russell G. Rhodes, Chairman, Department of Biology, Southwest Missouri State University, Springfield, Missouri 65804-0199. An Equal Opportunity/Affirmative Action Employer.

TWO FACULTY POSITIONS
MCGILL UNIVERSITY
DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS

The Department of Pharmacology and Therapeutics is undergoing a phase of growth and expansion and is now actively searching for candidates with expertise in the areas of neurobiology, cell biology, drug metabolism, neurochemistry, and molecular pharmacology. Applicants must be able to establish a research-oriented faculty position and have demonstrated success in the area of the biological sciences. Applicants should send curriculum vitae, a brief statement of research interests and experience, and the names of three references to: Dr. G. A. Claudio Cuello, Chairman, Department of Pharmacology and Therapeutics, McGill University, 3655 Drummond Street, Room 1325, Montreal, Quebec, Canada. The deadline is 15 March 1988. The University of McGill is an Equal Opportunity/Affirmative Action Employer.

DAKOTA STATE COLLEGE
HEAD OF DIVISION OF SCIENCE AND MATHEMATICS

Applications are invited for this full-time position in the Division of Science and Mathematics. Starting date is 1 July 1988. Responsibilities include the administrative and leadership duties associated with the position of division head as well as teaching undergraduate chemistry courses, including general chemistry and analytical and physical chemistry. The development of an undergraduate research program and a commitment to the use of computers in teaching and research is essential. The Ph.D. and college teaching experience are required. Rank and salary will be commensurate with qualifications. Dakota State College is a nationally recognized leader in innovation in the use of computer technology and supports an excellent computer environment for teaching, research, and applications. Applications will be accepted until 25 March 1988, or until the position is filled. Letters of application, résumé, transcripts, and three current letters of recommendation should be sent to: Dr. David E. Cook, Vice President, Dakota State College, Madison, SD 57042.

An Affirmative Action/Equal Opportunity Employer.

FACULTY POSITIONS IN PHYSIOLOGY AND BIOPHYSICS
CASE WESTERN RESERVE UNIVERSITY

The Department of Physiology and Biophysics invites applications for tenure-track junior and senior positions. Candidates with strong credentials in membrane protein structure and function and biophysical approaches are especially encouraged to apply. All candidates must have a Ph.D. in the life sciences. Applicants should also have the ability to identify areas of research related to the roughly 25 established faculty lines. Applicants should submit curriculum vitae, a brief statement of research interests, and the names of three references. Applications should be sent to: Dr. Arthur F. Garren, Chairman, Department of Physiology and Biophysics, Case Western Reserve University, 2119 Abingdon Road, Cleveland, OH 44106. The University of Case Western Reserve University is an Equal Opportunity/Affirmative Action Employer.

IMMUNOLOGY/CELLULAR BIOLOGY
COLUMBIA UNIVERSITY School of Veterinary Medicine

This position is available immediately. The successful candidate will have a Ph.D. in cell biology, molecular biology, biochemistry, or related fields and should have a strong commitment to establishing an independent research program in cell biology. Salary is commensurate with qualifications. Applications should be submitted to: Dr. Robert K. Chang, Chairman, Department of Immunology, School of Veterinary Medicine, 630 West 168th Street, New York, NY 10032. An Equal Opportunity Employer.

IMMUNOLOGY/CELLULAR BIOLOGY
Molecular Immunologists, MS, Ph.D.

The instructor will participate in and direct studies on the immune system, immunity, cell biology, and molecular biology. The successful candidate will be involved in the development of the curriculum and the establishment of a collaborative research program. The successful candidate will have a Ph.D. in immunology or a closely related field and 3-5 years of professional experience. Excellent salary and benefits. Salary is commensurate with experience and qualifications. Send résumé to: Human Resources, Department of Immunology, College of Veterinary Medicine, 3013 Hull Road, Madison, WI 53706. An Equal Opportunity Employer.

MALARIA RESEARCH; COMPANY DIRECTOR

Major malaria vaccine development program needs program analyst to monitor contract compliance and analyze non-technical aspects of malaria research network. Requires a Ph.D. and several years of experience in business and fiscal management (including program management); good writing ability essential. Familiarity with government contracting procedures and project monitoring highly desirable. Knowledge of biological terms desirable. Some travel required. Non-profit institution. Reply with curriculum vitae to: Dr. William F. Wadsworth, Director, Malaria Program, 1800 North Kent, #930, Arlington, VA 22209.

THE UNIVERSITY OF CALGARY

FACULTY POSITIONS IN BIOCHEMISTRY

Tenure-track position in the Department of Chemistry. Applications will be considered for full professor, Ph.D. and postdoctoral or equivalent experience required. Specialization may be in any area of biochemistry or molecular biology. The successful candidate must have a proven ability to establish or continue a vigorous, externally funded research program and participate in undergraduate and graduate (M.S. and Ph.D.) programs. Opportunities available for collaboration with other departments, major area hospitals and biotechnology companies. Submit curriculum vitae, an outline of research plans and arrange for three letters of recommendation to be sent. All applications should be received by 21 March 1988. Address: to: Professor Denis Callewaert, Department of Chemistry, University of Calgary, 2500 University Drive, N.W., Calgary, Alberta T2N 1N4.

THE UNIVERSITY OF CALGARY

FACULTY POSITIONS IN CANCER RESEARCH

The University of Calgary, The Metastasis Research Group, invites applications for faculty positions dedicated primarily to research activities in the area of cellular metastasis. Individuals at any professional rank, who have a Ph.D. and/or M.D. and demonstrated ability for independent research in the area of tumour biology and/or metastasis are encouraged to apply. Up to four positions in the following areas are available: extracellular matrix, growth factors, protein-protein interactions, cell-cell, cell-matrix, cell biology, molecular biology, or protein chemistry are particularly encouraged to apply.

Candidates must have research accomplishments that would merit support from granting agencies such as the Medical Research Council of Canada, National Cancer Institute of Canada, or the Alberta Heritage Foundation for Medical Research. Academic rank and salary are commensurate with experience and qualifications.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The deadline for receipt of applications is 30 June 1988. Applications should apply in writing, enclosing curriculum vitae, the names of three referees and a research program summary to:

Dr. E. A. Turley
Head, Metastasis Research Group
University of Calgary
Health Sciences Centre
3330 Hospital Drive N.W.
Calgary, Alberta T2N 4N1

IMMUNOLOGY POSTDOCTORALS

Two-year postdoctoral positions are available at highly competitive stipends for qualified candidates. Program opportunities include basic and applied research in AIDS, macrophage activation, T-cell development, immunotoxicology, autoimmune disease, retroviral disease mechanisms, biological response modifiers, radio-immunomaging, immunohematologic diagnosis, cancer immunotherapy, regulation of the immune response, applications of monoclonal antibodies, and radiolabelled isotope therapy. Submit curriculum vitae, letter(s) of recommendation, and a description of research interests to: Dr. A. G. Meager, Immunology Initiative, SCIY Health Science Center, 766 Irving Avenue, Syracuse, NY 13210.

SUNY Health Science Center is an Equal Opportunity/Affirmative Action Employer.

MALARIA RESEARCH; PROGRAM ANALYST

Major malaria vaccine development program needs program analyst to monitor contract compliance and analyze non-technical aspects of malaria research network. Requirements: a Ph.D. and several years of experience in business and fiscal management (including program management); good writing ability essential. Familiarity with government contracting procedures and project monitoring highly desirable. Knowledge of biological terms desirable. Some travel required. Non-profit institution. Reply with curriculum vitae to: Dr. William F. Wadsworth, Director, Malaria Program, 1800 North Kent, #930, Arlington, VA 22209.
Opportunities in Immunology, Molecular Biology and Protein Biochemistry

SECTION HEAD—CARTILAGE BIOLOGY (IAA)
The candidate should have an MD or PhD with at least 10 years of post-doctoral experience. Scientific productivity, the ability to collaborate, and management skill should be demonstrable through publications, the achievement of substantial grant support, and/or group leadership. An international reputation for work in the areas of osteoarthritis or cartilage degradation is essential, with experience in drug development preferred. The candidate will be expected to staff the section and initiate a basic research program designed to elucidate new approaches to drug development. Salary is negotiable commensurate with qualifications.

SECTION HEAD—SUPPRESSOR T-CELL REGULATION (IAA)
Qualifications consistent with the above description are sought. The candidate’s scientific reputation should lie in the areas of T-cell suppressor circuits or suppressor factor biochemistry with knowledge and interest in the study of autoimmune disease, esp. rheumatoid arthritis.

SENIOR SCIENTISTS—MOLECULAR BIOLOGY (MTI)
Minimum requirements are a PhD and 2 years of post-doctoral training. Experience in molecular biology, molecular genetics of mammalian cells, or protein biochemistry is preferred. Candidates will be expected to work independently on projects involving isolation and analysis of mammalian genes at all levels, including cloning and sequencing, analysis of expression, and gene transfer.

Molecular Diagnostics Inc. (MDI), Molecular Therapeutics Inc. (MTI), the Institute for Arthritis and Autoimmunity (IAA), and Miles Institute for Preclinical Pharmacology (MIPP) are advanced research institutes which collectively comprise the newly-formed Miles Research Center in West Haven, CT. The Center functions as a major research resource of Bayer AG of West Germany and its subsidiary, Miles Inc. It is located in a newly-constructed facility which is the first of several such facilities to be built at the West Haven site.

MDI and MTI are engaged in biotechnology research; the newly-formed IAA is dedicated to the discovery of new targets for drug therapy. Areas of interest include molecular and cellular genetics, nucleic acid chemistry, cell biology, immunology and protein chemistry. The individual institutes function collaboratively with each other, and with other research entities of the Bayer group.

The Center is engaged in a major expansion of its staff and offers outstanding opportunities to candidates with appropriate credentials, as described below:

JUNIOR SCIENTIST—BIO-ORGANIC CHEMISTRY (MDI)
We are also seeking a postdoctoral-level research scientist with a PhD degree in organic chemistry or biochemistry. Experience in the area of nucleic acid chemistry and/or heterogeneous phase reaction is desirable.

RESEARCH ASSOCIATES (MDI and MTI)
Applicants must have BS or MS degree and at least 1 year experience. Proficiency in recombinant DNA techniques, tissue culture, protein chemistry, or assay development is desirable.

Applicants should be able to function in an informal but challenging research environment with strong academic ties. The positions offer attractive compensation, generous benefits, and excellence opportunities for personal growth. Resumes should be forwarded to Research Director at the appropriate institute, at: Miles Research Center, 400 Morgan Lane, West Haven, CT 06516.

An Equal Opportunity Employer M/F/H/V

Miles Research Center
**POSITIONS OPEN**

### IMMUNOLOGIST

St. Luke's Medical Center located in Milwaukee, Wisconsin has a full-time opportunity to join our transplant program at the University of Wisconsin.

The immunologist we seek will become an integral part of our transplant team and function as a resource. Clinical responsibilities include medical/science department and the Department of Surgery. Position will be supported for a period of 2 to 3 years, then will be maintained through self-supporting grant funding. Applicants should have a Ph.D. in immunology, postdoctoral or related experience preferred. Salary will be commensurate with experience. Qualified candidates are encouraged to apply.

### MICROBIOLOGIST

The Division of Urology of the Department of Surgery of the University of Cincinnati Medical Center invites applications for the position of Assistant Professor to study the host defense mechanism of urinary tract infections in humans. Appointment will be supported for a period of 2 years, then will be maintained through self-supporting grant funding. Applicants should have a Ph.D. in microbiology, postdoctoral or related experience preferred. Salary will be commensurate with experience. Qualified candidates are encouraged to apply.

### PHARMATEC INC.

Gainesville, FListencia AREA
MANAGER OF QUALITY ASSURANCE/QUALITY CONTROL

Applications should have bachelor's or master's degree and be experienced in analytical chemistry, quality assurance, regulatory affairs, and related areas. Experience in the formulation and/or formulation preparation. Applicants should be able to set up and run a Quality Assurance unit for pharmaceutical raw materials to GMP specifications. Letter of application and completed forms for the position of Clinical Research Coordinator is required.

### MOLECULAR BIOLOGY

Assisting in and providing technical support to: Dr. J. F. H., Ph.D., P.O. Box 730, Alachua, FL 32615. Ph.D. or equivalent with three years of postgraduate work and established bibliography required. Salary will be commensurate with experience. Qualified candidates are encouraged to apply.

### MOLECULAR TUMOR BIOLOGISTS/IMMUNOLOGISTS

Tenure-track position (two) to: Dr. B. L. Middlebrook, Microbiologics Search Committee, for position 1: to: Dr. B. L. Middlebrook, Microbiologics Search Committee, for position 2: to: Dr. B. L. Middlebrook, Microbiologics Search Committee, for position 3: to: Dr. L. W. Wright, Jr., Ph.D., Professor and Chairman, Department of Microbiology and Immunology, Eastern University, Eastern University, Eastern University, Eastern University.

Salary will be commensurate with experience. Qualified candidates are encouraged to apply.

### PLANT BIOECOPHYSIOLOGY

The Department of Biological Sciences of the University of Quebec at Montreal is seeking candidates for a TENURE-TRACK position in plant ecophyiology. Candidates must have a Ph.D. in this field. Postdoctoral experience is desirable. Proven ability in research, preferably on the ecophyiology of trees, and teaching is required. Teaching responsibilities (in French) will be in some of the following fields: plant ecology, forest ecology, plant ecophyology, population, and/or community ecology, plant physiology. The position is to be filled as soon as possible. Send curriculum vitae (in French) and three letters of reference directly by 21 March 1988.

### POSTDOCTORAL FELLOW—Henry Ford Hospital

Announces an immediate opening for the position of postdoctoral fellow in our Molecular Biology Research Laboratory. The individual selected will study gene expression and similar areas. (See e.g., Cell 48, 289; JBC 262, 15527.) Experience in biochemistry/molecular biology and mammalian cell culture is preferred. Competitive salary and outstanding benefits are available. For consideration send curriculum vitae and the names of three references to: Dr. L. C. Lutter, c/o Delores Hunt, Medical Care Institute, 2921 W. Grand Boulevard, Detroit, MI 48202. Equal Opportunity Employer.

### POSTDOCTORAL FELLOW—University of Florida

The Department of Chemistry seeks a PHYSICAL CHEMIST with research interests in the experimental and/or theoretical polymer chemistry of synthetic or biological macromolecules. Teaching at all levels is expected. Rank is open, including the assistant professor level. Send a letter of application, a list of publications, and a clear statement of research plans (less than six pages) and arrange to have three letters of recommendation sent to: Kenneth E. Glicksman, Department of Chemistry, University of Florida, Gainesville, FL 32611. Closing date is 1 April 1988. The University of Florida is an Equal Opportunity/Affirmative Action Employer.

### POSTDOCTORAL FELLOW—McGill University

The McGill University Research Centre has two openings in limnology. Area of expertise is open but applications in sedimentology, environmental chemistry, macrophyte or microbial ecology are especially well received. (See e.g., Cell 48, 289; JBC 262, 15527.) Experience in biochemistry/molecular biology and mammalian cell culture is preferred. Competitive salary and outstanding benefits are available. For consideration send curriculum vitae and the names of three references to: Dr. L. C. Lutter, c/o Delores Hunt, Medical Care Institute, 2921 W. Grand Boulevard, Detroit, MI 48202. Equal Opportunity Employer.

### POSTDOCTORAL FELLOW—University of Florida

The Department of Chemistry seeks a PHYSICAL CHEMIST with research interests in the experimental and/or theoretical polymer chemistry of synthetic or biological macromolecules. Teaching at all levels is expected. Rank is open, including the assistant professor level. Send a letter of application, a list of publications, and a clear statement of research plans (less than six pages) and arrange to have three letters of recommendation sent to: Kenneth E. Glicksman, Department of Chemistry, University of Florida, Gainesville, FL 32611. Closing date is 1 April 1988. The University of Florida is an Equal Opportunity/Affirmative Action Employer.

### POSTDOCTORAL FELLOW—University of Florida

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POSTDOCTORAL FELLOW POSITION. We are seeking a candidate (M.D. and/or Ph.D.) to participate in a federally-funded project studying signal transduction mechanisms in HIV-infected lymphocytes. For further information, please write or call: W. L. Stroble, Department of Pharmacology and Toxicology, Box 613, MCV Station, Virginia Commonwealth University, Richmond, VA 23228-0613. Telephone: 804-786-0405. Women and minorities are encouraged to apply.

TWO POSTDOCTORAL FELLOWSHIPS will be available 1 June 1988 for research training in respiratory physiology. Applicants must have doctoral degrees and meet residence requirements for support by NIH training grant. Send curriculum vitae and names of three references to: Donald Bartlett, Jr., M.D., Department of Physiology, Dartmouth Medical School, Hanover, NH 03755. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION to study ion channels and synaptic receptors in cultured cells and cymes using patch clamp techniques. Send curriculum vitae, names, addresses, and telephone numbers of three references, and reprint or manuscript if available to: Dr. Meyer Jackson Department of Biology University of California, Los Angeles 405 Hilgard Avenue Los Angeles, CA 90024

A POSTDOCTORAL POSITION is available immediately at the Dana-Farber Cancer Institute, Division of Cancer Pharmacology, to study mechanism, kinetics and biological efficacy of antiretroviral therapy in vitro and in vivo in primate models, including prevention or therapy of neural damage and in vitro transduction of retroviruses. A background in virology, cell biology, or pharmacology is desirable. Please send curriculum vitae, bibliography and a list of three references to: Ruth M. Rupprech, M.D., Ph.D., Dana-Farber Cancer Institute, 44 Binney Street, Boston, MA 02115. The applicant will be recommended for a concurrent appointment at an appropriate department at Harvard Medical School. The Dana-Farber Cancer Institute is an Equal Opportunity Employer.

POSTDOCTORAL POSITION in immunology/molecular biology at Case Western Reserve University School of Medicine for candidate with Ph.D. and an interest in studying virus/host cell interactions. Projects include examination of cytokine effects on HIV gene activation and virus-induced cytokine-directed adenovirus vectors. Program is multidisciplinary and involves active participation of immunologists, biochemists, virologists and molecular biologists. Send curriculum vitae, bibliography and a list of three references to: Dr. Michael M. Leiderman, Director, Special Immunology Unit, University Hospitals of Cleveland, 2074 Abington Road, Cleveland, OH 44106. Case Western Reserve University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION in immunology available to study the regulation of the immune response at the molecular level. Research will involve studies on the regulation of certain lymphokines, using recombinant DNA technology. Experience in virology and membrane biochemistry desirable. Please send application to: Dr. Nancy Magnuson, Department of Microbiology, Washington State University, Pullman, WA 99164-4340. We hope to fill this position starting 1 April 1988. WSU is an Equal Opportunity/Affirmative Action Employer.

TWO POSTDOCTORAL POSITIONS available immediately on to examine the protein secretion and the signal recognition particle, the other to investigate the proteins involved in stimulating or limiting blood coagulation. Experience with proteins, nucleic acids, membranes, and/or fluorescence microscopy preferred. Send resume, names of three references, and brief summary of research experience to: Dr. Arthur B. Johnson, Department of Biochemistry, University of Oklahoma, Norman, OK 73019.

Postdocs/Research Associates Pharmacological Sciences

Genentech, Inc., a leader in the field of biotechnology, currently has the following openings:

Postdoctoral Scientist
Our Pharmacological Sciences Department seeks an individual to participate in Research projects examining the molecular mechanisms of the effects of cytokines, immunosuppressive and anti-inflammatory agents, and recombinant proteins on cell function. The successful candidate will have 1-3 years' training with experience in one or more of the following areas: cell biology, protein chemistry, or signal transduction. Experience in working with animal model systems helpful.

Research Associate
In this position you'll perform in vitro testing of cytokines, immunosuppressive peptides, and anti-inflammatory proteins using a variety of assay systems. In addition, the position requires maintenance of cell cultures and characterization of protein samples.

The qualified candidate will have experience with cell culture, polyclonal antibody gel electrophoresis and preparation of human leukocytes for in vitro testing. B.S. with 3-5 years' experience, or M.S. with 2 years' experience in related areas required.

Genentech, Inc. offers an excellent salary and benefits package coupled with the opportunity to make a significant contribution to our organization. Please send resume to George Cianciolo, Genentech, Inc., 460 Point San Bruno Blvd., South San Francisco, CA 94080. An equal opportunity employer.

Associate Director
Biomolecular Discovery

Smith Kline & French Laboratories has launched a significant research program to identify natural product leads by the use of state-of-the-art mechanism-based screens. These efforts are directed at targets relevant to cardiovascular, immunological, gastrointestinal, neoplastic, viral and other diseases.

The newly created Department of Biomolecular Discovery is seeking a highly talented scientist to direct the development of high-throughput screens, provide expertise in screening automation, oversee the performance of large scale screening of natural products for activity against high-priority targets and work closely with natural product chemists in isolating and defining novel compounds. This scientist will interact with scientists involved in cloning, expression and purification of specific ligands, receptors and enzymes which will serve as the basis for selective bioassays. This is an exceptional career opportunity for an individual who seeks the challenge of program development within an established pharmaceutical company.

The successful candidate should possess:
- Ph.D. in Pharmacology, Biochemistry or a related field
- At least 7 years of postdoctoral experience which must include experience in the pharmaceutical industry involved in devising and implementing high-throughput bioassays.
- Expertise in bioassay automation desirable.
- Record of scientific accomplishment as exemplified by patents and publications.
- Strong interpersonal skills.
- Ability to effectively communicate and interact in a highly collaborative environment.

We offer an excellent compensation, benefits and relocation package as well as a work environment that offers considerable opportunity for personal and professional growth. Publication of research results is strongly encouraged and supported. For confidential consideration, please forward C.V. and names of three references to: Robert F. Obst, Manager, Personnel Relations, R01124, 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

26 FEBRUARY 1988
GRADUATE OPPORTUNITIES

In Space Biology

The DIVISION OF BIOLOGY at KANSAS STATE UNIVERSITY is offering an exciting opportunity for you in BIOSERVE SPACE TECHNOLOGIES, a NASA CENTER FOR THE COMMERCIAL DEVELOPMENT OF SPACE. Graduate assistantships, with an annual stipend of $10,200, are being awarded to qualified students for studies that combine interests in SPACE with research careers in BIOLOGY.

Applications are invited for graduate studies in:

- virology & oncology
- microbiology & immunology
- cell & developmental biology
- molecular biology & genetics
- physiology & ecology

For further information write:

BIOSERVE SPACE TECHNOLOGIES
DIVISION OF BIOLOGY—ACKERT HALL
KANSAS STATE UNIVERSITY
MANHATTAN, KS 66506

KSU is an equal opportunity/affirmative action employer

VACANCY ANNOUNCEMENT
NATIONAL INSTITUTES OF HEALTH
PUBLIC HEALTH SERVICE

Department of Health and Human Services

The National Institute on Aging (NIA) invites nominations and applications for the position of DEPUTY DIRECTOR. This is a Civil Service position in the Senior Executive Service with a salary range of $65,994 - $73,400 per annum. The person selected may be eligible for Physician's Comparability pay up to $20,000 per year. A one-year probationary period must be served by the individual selected if not currently in the Senior Executive Service.

The Deputy Director assists the Director in the policy development and coordination of all Institute activities, which include: conducting, fostering and supporting biomedical, social and behavioral research and training pertaining to the aging process and common problems of older people.

Further information about the position and qualifications requirements may be obtained by contacting Mr. Michael P. Lockard at (301) 496-5347. An Application for Federal Employment (SF-171) accompanied by a current curriculum vitae and bibliography should be submitted to: NIA Personnel, Building 31, Room 2007, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20892.

Applications Must Be Postmarked No Later Than March 31, 1988.

All qualified candidates will receive consideration without regard to race, religion, color, sex, age, national origin, lawful political affiliation, marital status, union membership, or any nondisqualifying physical or mental handicap.

NIH IS AN EQUAL OPPORTUNITY EMPLOYER

LOOKING FOR A CAREER CHANGE?

Editorial position at Science available for a PhD biochemist or molecular biologist with two or three years of research experience and specific capability in one or more of the following areas: protein structure and function, enzymology, cell biology, or immunology. We are seeking someone with wide general interest in quantitative aspects of the life sciences and publications in the refereed literature. Editors have wide responsibilities in manuscript selection ranging from solicitation to editing for clarity. Previous editorial experience is not required. This is a full-time position in our Washington offices.

Please send resume with cover letter including salary requirements to:

Ms. Carolyn Bell
AAAS
1333 H Street, NW
Washington, DC 20005

EOE
Post-doctoral Fellowships

The Imperial Cancer Research Fund is one of the largest independent cancer research institutes in Europe employing approximately 320 scientists and clinicians. It has a wide ranging programme in fundamental, applied and clinical cancer research.

There are approximately seventy research groups encompassing the major disciplines of cellular and molecular biology including biochemistry, genetics, immunology and virology. Most are housed at the main building in Central London; there are also research units at Clare Hall, North London and at Dominion House attached to St. Bartholomew's Hospital. ICRF's external clinical units based in major teaching hospitals form the link between fundamental research and clinical activities.

Each research group works independently. All have access to centralised services including cell production, oligonucleotide and peptide synthesis, amino acid and DNA sequencing, a library of DNA probes and somatic cell hybrids for gene mapping, experimental animal breeding and maintenance including transgenic mice, electron microscopy and a large computer facility.

Approximately 40 post-doctoral fellowships are available each year to scientists of any nationality. Most of these are three year fellowships, but visiting fellowships for a period of one or two years are also offered. Salaries for postdoctoral fellows are in the range of £12,500-£16,000, dependent on age and experience.

Further information on the research interests of the groups and details of projects currently available may be obtained from:-

Mrs. P. Harwood, Personnel Department, Imperial Cancer Research Fund, PO BOX 123, London WC2A 3PX. Quoting ref no. 82/R. Closing date for applications: 25th March 1988.


I M P E R I A L  
CANCER RESEARCH FUND

DEPUTY DIRECTOR
NATIONAL INSTITUTE OF MENTAL HEALTH
ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION
PUBLIC HEALTH SERVICE
DEPARTMENT OF HEALTH AND HUMAN SERVICES

The Alcohol, Drug Abuse, and Mental Health Administration invites nominations and applications for the position of Deputy Director, National Institute of Mental Health (NIMH).

This is a Senior Executive Service position in the career Civil Service with an annual salary range of $65,994 to $73,400. Physicians may also be eligible for a Physicians' Comparability Allowance of up to $10,000 per year. The position is located in Rockville, Maryland.

NIMH provides leadership for the Federal effort in the promotion of mental health, and its programs include intramural and extramural research, the administration of training programs to meet national mental health manpower needs, and the provision of technical services to States and communities. The Deputy Director participates fully with the Director, NIMH, in managing a staff of 1,000 and a budget of $342 million.

Minimum qualification requirements include a degree of Doctor of Medicine, Doctor of Osteopathy, or a bachelor’s or higher degree in an academic field relating to the health sciences, and progressively responsible experience in developing, administering, and evaluating mental health programs. Candidates must also have experience in the management of mental health programs, demonstrating competence to assume leadership in planning, staffing, directing, coordinating and allocating resources, and other responsibilities associated with executive leadership of a major program.

Further information about the position and qualification requirements may be obtained by contacting Ms. Lois Mercer, (301)443-5030. Application for Federal Employment, SF-171, accompanied by a current curriculum vitae and bibliography should be submitted to Ms. Lois Mercer at the Division of Personnel Management, Alcohol, Drug Abuse, and Mental Health Administration, 5600 Fishers Lane, Rockville, Maryland 20857, Room 150-25. Applications will be accepted without the SF-171 provided that the SF-171 is submitted upon request. Complete application material (including the SF-171) must be postmarked by March 31, 1988.

Applications from women and minority group members are especially solicited.

THE ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION IS AN EQUAL OPPORTUNITY EMPLOYER.
POSTDOCTORAL POSITION available immediately for study in the area of gene regulation, immunology, molecular biology, pharmacology, or related areas to study the cellular and biochemical mechanisms of multidrug resistance in cancer cells. Experience in monoclonal antibody production, biochemistry, receptor biology, or related fields desired. The position is available immediately and continues through 1989. Applicants should send curriculum vitae and three letters of recommendation to: Dr. Ahmed R. Safa, Joint Section of Hematology/Oncology, University of Chicago and Michael Reese Medical Centers, L231 Blood Donor Center, 3838 S. State Shore Drive at 31st Street, Chicago, IL 60616.

POSTDOCTORAL POSITION available for an organic, medicinal, or biochemistry Ph.D. to develop novel methodologies for polyphosphazene and polycarbonate fibers in ground or in space applications. The position is available immediately and continues through 1990. Applicants should send curriculum vitae and three letters of recommendation to: Dr. Ismail A. Sonenshine, Department of Molecular Genetics, Howard Hughes Medical Institute, University of California, Irvine, 27171.

POSTDOCTORAL POSITION open immediately to study cellular and molecular mechanisms of tumor invasion. The position is available immediately and continues through 1989. Applicants should send curriculum vitae and names of three references to: Dr. Edward Rubin, Lawrence Berkeley Laboratory, Berkeley, CA 94720. Lawrence Berkeley Laboratory is an Equal Opportunity Employer. Minority and women candidates are encouraged to apply.

POSTDOCTORAL POSITION available immediately for study in the area of gene regulation, immunology, molecular biology, pharmacology, or related fields desired. The position is available immediately and continues through 1989. Applicants should send curriculum vitae and three letters of recommendation to: Dr. Ahmed R. Safa, Joint Section of Hematology/Oncology, University of Chicago and Michael Reese Medical Centers, L231 Blood Donor Center, 3838 S. State Shore Drive at 31st Street, Chicago, IL 60616.

POSTDOCTORAL POSITION available for an organic, medicinal, or biochemistry Ph.D. to develop novel methodologies for polyphosphazene and polycarbonate fibers in ground or in space applications. The position is available immediately and continues through 1990. Applicants should send curriculum vitae and three letters of recommendation to: Dr. Ismail A. Sonenshine, Department of Molecular Genetics, Howard Hughes Medical Institute, University of California, Irvine, 27171.

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Managers

Animal Health Formulation Research

Schering-Plough is a recognized worldwide leader in the development, manufacture and marketing of pharmaceutical products. Much of the success of our $2.7-billion business is attributed to the efforts of our Pharmaceutical Development department where innovative compounds result in breakthrough pharmaceuticals for both humans and animals.

In this highly visible role, you will oversee Formulation Research activities that contribute to the development of animal health pharmaceuticals. Your professional qualifications should include a Ph.D in Pharmaceutical Sciences with a minimum 5 years experience in animal health formulation research, including 2 years at the Principal Scientist/Supervisory level. Requires familiarity with CGMP/CGLP regulations consistent with Veterinary Bureau and FDA guidelines. Excellent verbal/written communications skills also necessary.

We offer a competitive salary and benefits package. For confidential consideration, send resume with salary history to: Box PH88-1, c/o Ms. I. Branneman, Schering-Plough Corporation, 2000 Galloping Hill Road, K-6-1, E-17, Kenilworth, NJ 07033. We are an equal opportunity employer.

PHARMACEUTICAL CHEMIST

DRUG METABOLISM

The Squibb Institute for Medical Research is recognized internationally as a leader in the research and development of novel therapeutic agents for the treatment of cardiovascular and infectious diseases. Due to continued growth, we currently have available an exceptional opportunity for a research scientist to join our Drug Metabolism Department.

You will be responsible for the development and validation of an animal model for predicting the oral absorption potential of investigative Squibb compounds, the conduct of animal and human pharmacokinetic studies, and studies to evaluate biopharmaceutical properties of new formulations.

Qualified candidates must have a Ph.D. in Pharmacetics or Pharmaceutical Chemistry (or related field) and experience with analytical techniques such as LSC, HPLC and TLC. You must be knowledgeable in the area of biopharmaceutics that relate to physical-chemical properties of drugs to their absorption and bioavailability profiles.

In addition to an excellent salary and comprehensive benefits package, we offer the opportunity to pursue a stimulating and rewarding career with an industry leader. For confidential consideration, please submit your resume to: The Squibb Institute for Medical Research, Human Resources Department 753, P.O. Box 4000, Princeton, NJ 08543-4000. An equal opportunity employer.
TENURE TRACK STAFF POSITIONS AT THE BIOLOGICAL RESPONSE MODIFIERS PROGRAM, NCI

The Clinical Research Branch, Biological Response Modifiers Program, Division of Cancer Treatment, the National Cancer Institute, National Institutes of Health, Public Health Service, is accepting applications for two staff positions. Positions are available to physicians who are either Board eligible or Board certified in medical oncology.

The incumbent will be responsible for primary patient care and the design and conduct of clinical trials utilizing biological response modifiers. Emphasis is also placed on continuity of patient care, principles of patient management, and correlation of clinical response with changes in immunologic parameters.

Staff Fellows will be assigned to Civil Service positions with an annual salary between $24,000 and $49,266 (based upon experience) and an increase up to $1,500 for each additional year up to a maximum of $49,266. Staff Fellows are eligible for all benefits including health insurance, life insurance options, vacation, and sick leave. In addition, travel expenses for the Fellow to his duty station are available.

For further information and application procedures, please contact:

Ronald G. Steis, M.D.
Medical Pavilion
Frederick Memorial Hospital
335 Park Avenue
Frederick, Maryland 21701
(301) 698-5929
U.S. CITIZENSHIP OR PERMANENT RESIDENCY REQUIRED
AN NIH ASSOCIATE TRAINING PROGRAM
NIH IS AN EQUAL OPPORTUNITY EMPLOYER
Deadline for applications is March 15, 1988.

POSTDOCTORAL POSITIONS
Protein Chemistry

CHIRON CORPORATION, a recognized leader in the biotechnology industry has several openings for postdoctoral investigators in the following areas:

- Isolation of growth factor and growth factor receptor genes. Production of the proteins by recombinant DNA technology and their purification. Analysis of their structure and of the nature of growth factor-receptor interactions.
- Protein engineering of growth factors, their receptors and enzymes with therapeutic potential. Synthesis and screening of growth factor agonist and antagonist molecules as well as enzyme activators and inhibitors.
- Studies on the biological activities of growth factors and receptors and their potential application in the development of new therapeutic agents.

Fellowships are tenable for a period of two years with possible renewal for a third year. We are especially interested in candidates with experience in protein purification and with a strong background in enzymology and protein structure/function relationships.

Qualified candidates should submit their curriculum vitae, and the names of two references to Chiron Postdoctoral Program in Protein Chemistry, Chiron Corporation 4560 Horton Street, Emeryville, CA 94608.

RESEARCH SCIENTIST
INFLAMMATORY DISEASES

A vacancy exists for an individual with a Ph.D. in immunology, physiology, pharmacology or a related discipline, plus one or more years of post-doctoral experience. This individual would be involved in the investigation of novel therapeutic approaches to inflammation, arthritis and connective tissue destruction. A variety of IN VITRO and IN VIVO techniques will be used, and expertise in immunohistology and immunochemistry would be advantageous.

Merrell Dow Research Institute, located in suburban Cincinnati, is headquarters of a rapidly expanding pharmaceutical research and development organization. We offer excellent compensation, comprehensive benefits and relocation assistance. Please send your curriculum vitae, salary expectations, and names of three references in confidence to:

Merrell Dow
Job Code NSD
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

BUILDING A NEW LAB?

LET THE SCIENCE FREE PRODUCT INFORMATION SERVICE PUT YOU IN TOUCH WITH THE VENDORS WHOSE PRODUCTS YOU WILL NEED.

SIMPLY WRITE US A LETTER STATING THE SPECIFICS ABOUT YOUR PROPOSED LAB AND WE WILL DO THE REST.

WRITE TO:

SCIENCE MAGAZINE
NEW LAB SERVICE DEPT.
1515 BROADWAY
NEW YORK, N.Y. 10036
The Abbott Research Pharmacist Helps Create State-of-The-Art Drug Delivery

With success in a broad number of worldwide scientific markets, Abbott Laboratories has won recognition for significant advancements. Today, we're furthering this success through the expansion of drug delivery technology, backed by a $4.4 billion corporation consistently recognized for management and research.

We are seeking candidates for research and development of unique and novel drug delivery systems. The position involves all phases of development and evaluation including dosage form development, pharmacokinetic modeling, stability testing, drug screening, as well as leadership in assigned projects. We require a Ph.D. in Pharmaceutics or equivalent, with experience in research and development of classical and unique dosage forms plus hands-on experience with preparation methodology is required.

Located in an attractive suburban area just 30 miles north of Chicago, Abbott provides an excellent salary and benefits package that includes profit sharing and stock retirement plans. For consideration, please send a resume with salary history in confidence to: Peggy Taylor/Corporate Placement Dept. S/2-22. Abbott is an Affirmative Action Employer.

TWO NEW OPEN RANK FACULTY POSITIONS ONE AS PROGRAM CHAIR ENVIRONMENTAL TOXICOLOGY GRADUATE PROGRAM UNIVERSITY OF CALIFORNIA, RIVERSIDE

The University of California at Riverside has initiated a new Interdepartmental Graduate Program in Environmental Toxicology. As part of this program, there are two faculty positions available in the Division of Toxicology and Physiology, Department of Environmental Toxicology. These two positions will be in the areas of: 1) Genetic Toxicology/Molecular Biology; and 2) Immunotoxicology.

The current research strength of faculty in the Graduate Environmental Toxicology Group at the University of California, Riverside is with agricultural chemicals and other environmental toxicants. To further enhance this faculty group, the appointees will be encouraged to develop vigorous research programs in this area.

One appointment will be at the Full Professor level and will serve as Chair of the Graduate Environmental Toxicology Group. Candidates for the Chair must have demonstrated research and teaching excellence, administrative ability, and enthusiasm to administer an Interdepartmental Program while continuing an active research program. The Chair is expected to provide leadership for the 30 participating faculty members in the Graduate Environmental Toxicology Group. The other appointment is open with some preference for the Assistant Professor level.

The primary commitment of both appointees will be to the Environmental Toxicology Program with respect to their research and teaching. The Program will be administrated from the Division of Toxicology and Physiology, Department of Environmental Toxicology, but also includes participating faculty from the Departments of Biology, Botany and Plant Sciences, Chemistry, Microbiology, Plant Pathology, Soil and Environmental Sciences, and the Division of Biomedical Sciences and the Statewide Air Pollution Research Center.

GENETIC TOXICOLOGIST/MOLECULAR BIOLOGIST. The appointee will develop a research program emphasizing molecular genetic approaches to studying the interaction of environmental toxicants with the genome. A Ph.D. in Molecular Biology, Toxicology, or related field is required.

IMMUNOTOXICOLOGIST. The appointee will develop a research program characterizing the effects of environmental toxicants on the mammalian immune system at the cellular and molecular level. A Ph.D. in Toxicology, Biochemistry, Immunology, or related field is required.

Teaching responsibilities will include graduate-level instruction and supervision of graduate students in Environmental Toxicology Program. The appointee will also have the opportunity to be involved in the Toxicology Graduate Program in other Interdepartmental Programs on campus.

Submit curriculum vitae, recent reprints, a statement of research interests, graduate transcripts (for an Assistant Professor), and names and addresses of four referees to: T. C. Baker, Search Committee Chairman, Division of Toxicology and Physiology, Department of Environmental Toxicology, University of California, Riverside, CA 92521. We welcome nominations for the Chair. For an Assistant Professor, relevant postdoctoral experience demonstrating productivity is desirable. Applications and nominations accepted until April 15, 1988 or until a suitable candidate is selected. The University of California is an Equal Opportunity/Affirmative Action Employer.
RESEARCH ASSOCIATE

Seeking a candidate with at least 7 years of postdoctoral experience and a strong record of scientific achievement, to join a current research project in our 15,000-square-foot research facility. Applicants with M.D. and/or Ph.D. degree and/or postdoctoral experience in the areas of oncology, hematopoietic biology, cell biology, immunology, or biochemistry of coagulation factors are encouraged to apply. Please provide a detailed curriculum vitae and a description of research accomplishments. All inquiries will be acknowledged. Position open.

RESEARCH ASSOCIATE: to direct a cardiovascular cell culture facility for isolating and growing mammalian vascular and endothelial cells. Candidate must prepare and maintain primary cell cultures and cultures, and provide morphometric, genotypic, and analytical data from the preparations. Applicant must perform biochemical analysis of cell cycle intermediates, such as RNA analysis. Must have at least 1 year of training in electron microscopy and be skilled in all areas of electron microscopy, including immunofluorescence localization techniques. Knowledge and experience in cell culture and in the isolation and purification of B.S. in microbiology, of bacterial taxonomy and identification and molecular biology as it relates to cell division required. Significant postdoctoral experience with MS degree in molecular biology and MS degree in biochemistry required. $21,178 per year; 40 hours per week. Please send letter of interest, CV, and names of three references to: Dr. Charles E. H. Ho, 610 Albany Street, Cambridge, MA 02139.

RESEARCH INVESTIGATOR: to perform research on the physiology and molecular biology of corticosteroids and their metabolites. Must hold Ph.D. or equivalent degree. A background in organic chemistry or molecular biology, and experience with in vitro cultures and assay systems is preferred. Please send letter of interest, CV, and names of three references to: Dr. James M. E. Ho, 610 Albany Street, Cambridge, MA 02139.

RESEARCH POSITION: Opportunity to participate in research on cell cycle control and cell differentiation. Experience in molecular biology, immunology, and cell biology required. $21,178 per year; 40 hours per week. Please send letter of interest, CV, and names of three references to: Dr. Charles E. H. Ho, 610 Albany Street, Cambridge, MA 02139.


RESEARCH SCIENTIST: Position available for research on chemical carcinogenesis. Research areas include in vitro and in vivo metabolism of endogenous and xenobiotic compounds. Experience in cell culture and in the isolation and purification of cell culture products. Excellent communication skills required. $21,178 per year; 40 hours per week. Please send letter of interest, CV, and names of three references to: Dr. Charles E. H. Ho, 610 Albany Street, Cambridge, MA 02139.

RESEARCH TECHNICIAN: Immediate opportunities for bright, motivated individuals with B.S. and/or M.S. degree. Entry level opportunities and advanced positions include areas of cell and molecular biology, biochemistry, pharmacology, and in vitro fertilization. Excellent salary, benefits, and opportunities for growth. Send letter of interest and CV to: S. M. Bracken, Cornell University Medical College, 445 East 69th Street, New York, NY 10021. Equal Opportunity Employer/Affirmative Action M/F/H/V.

THE VIREO-RETINA BIOCHEMISTRY UNIT OF THE EYE RESEARCH INSTITUTE seeks an innovative SCIENTIST to develop an independent research program in biochemistry and biophysics of retinal and vitreous disorders. Applicants must have a Ph.D. with at least 3 years of postdoctoral experience in protein chemistry, immunology, or physiology of the eye. Excellent opportunities to publish in the scientific literature. Experience with in vitro culture techniques and research is required. Send letter of interest and CV to: S. M. Bracken, Cornell University Medical College, 445 East 69th Street, New York, NY 10021. Equal Opportunity Employer/Affirmative Action M/F/H/V.

RESEARCH OPPORTUNITIES at Sandoz Research Corporation, a joint venture between Sandoz Ltd., a multinational company based in Basel, Switzerland, and Sandoz Chemical Corporation, a U.S.-based company dedicated to the development of new drugs and biotechnology. Opportunities are available in the field of pharmacology, and for people with a strong background in immunology, biology, and toxicology. Candidates will work in a dynamic environment, and the opportunity to participate in the development of new drugs will be provided. Send curriculum vitae and letter of interest to: Dr. Robert A. Ford, Sandoz Research Corporation, 128 Spring Street, Lexington, MA 02173.

AN EQUAL OPPORTUNITY EMPLOYER

SENIOR AND JUNIOR FACULTY DEPARTMENT OF MOLECULAR AND CELLULAR PHYSIOLOGY STANFORD UNIVERSITY SCHOOL OF MEDICINE

Stanford University is seeking applicants for senior and junior positions within the Department of Molecular and Cellular Physiology, to be activated beginning November, 1987. Applications are invited to fill one or more of the four interrelated academic units to be located within the Beckman Center for Molecular and Genetic Medicine. Interests of the Beckman Center include topics in the areas of intracellular, intercellular, and interorgan signaling, with special focus on molecular mechanisms controlling excitation, contraction, secretion, neurotransmission, membrane transport, and other central physiological processes. It is expected that the research programs will draw upon a wide range of techniques including molecular biology, biochemistry, cell biology, and imaging with light or electron microscopy. The responsibilities of these positions will include teaching of cell physiology to medical students, and advanced graduate courses for graduate students and medical students which will reflect the interests of the faculty.

Applications should include curriculum vitae, a brief statement of research objectives, and names, addresses, and telephone numbers of three references. Please send applications to: The Molecular and Cellular Physiology Search Committee, c/o Assistant Dean Marian Knox, Stanford University Medical Center, Room M-1, 350 Welch Road, Stanford, CA 94305.

Stanford University is committed to increasing representation of women and members of minority groups on its faculty and particularly encourages applications from such candidates.

Four-year-old, rapidly growing, commercial research and development biotechnology located in a dynamic growth area of the Southeast has two exceptional opportunities:

SENIOR SCIENTIST—VASCULAR PHYSIOLOGY

Ph.D. in physiology with postdoctoral experience in cell culture growth and biochemical responses of vascular endothelium and smooth muscle. Further work in connective tissue or organ preservation techniques required. A strong record of academic accomplishment and the demonstrated ability to be a team player required.

PROJECT MANAGER—VEINS AND ARTERIES

Ph.D. in bioengineering, cell biology, or related cardiovascular areas. Hands-on experience essential. Research will be based on a research program in familiarity with conducting clinical trials and the writing of protocols important. The candidate will come from a vascular prostheses company or an academic environment where vascular research is conducted. Responsibilities will include supervision of company funded, ongoing research projects at various universities, preparation of publications, and communication with surgeons and researchers involved in current animal and human clinical studies. Send curriculum vitae, names of references, salary history and the names of three references to:

Philos & Associates
Corporate Search Recruiters
Suite 702, 985 East遗传 Sale Road
Alpharetta, GA 30020
The State University of New York Health Science Center at Brooklyn is seeking a Chair for the Department of Pharmacology. The Health Science Center (formerly Downstate Medical Center), includes one of the largest medical schools in the nation. The department has 11 state-funded, tenure-track faculty lines, of which 4 are vacant, and 10 state-funded support staff. The department is well-funded with current faculty having research interests especially in the general area of neuropharmacology. Considerable space and resources are available within the department and the institution is prepared to make a major investment in recruitment of new faculty and development of the department. In addition, the institution has recently established centerwide core facilities for research such as DNA sequencing/analysis, a protein sequencing laboratory, a micro-injection facility and a monoclonal antibody/hybridoma center. This is a unique opportunity to develop and lead a department of excellence. Submit nominations or applications to: Dr. Harold Lebovitz, Chairman, Pharmacology Search Committee, Box 29, SUNY Health Science Center at Brooklyn, 450 Clarkson Ave, Brooklyn, New York 11203

BOEHRINGER INGELHEIM PHARMACEUTICALS, Inc., a major innovator in the research, development and marketing of ethical drugs, has the following opening at our Research and Development facility, located in DANBURY, CONNECTICUT.

GROUP LEADER

This position requires a Ph.D. in Biochemistry and ten or more years experience. Additional requirements include experience in enzymology with emphasis on proteases, protein purification, analytical techniques, HPLC of proteins and peptides, enzyme mechanism analyses and assay design and the supervision of senior scientific staff and programs.

This newly created position will be in our Biochemistry Department and will report to the Director, Biochemistry. The incumbent will be responsible for the coordination and assignment of projects and research goals, the establishment of priorities and effective utilization of resources, assist with the development of research plans and contributing to multi-disciplinary meetings and projects.

BOEHRINGER INGELHEIM PHARMACEUTICALS, Inc. offers a competitive compensation and benefits package, relocation assistance and the opportunity to have your contributions recognized.

For confidential consideration please send your curriculum vitae to: Dept. JC-1S, BOEHRINGER INGELHEIM PHARMACEUTICALS, Inc., 90 East Ridge, PO. Box 368, Ridgefield, CT 06877. We are an equal opportunity employer m/f/v.

Research Management

Tumor/Cell Biology & Immunology

Triton Biosciences Inc. has an opening for a Research Manager to take charge of our tumor/cell biology and immunology groups. These groups are engaged in a variety of projects in the areas of tumor biology, growth factors, growth factor receptors, lymphokines, and oncogenes.

We desire an individual with an established record of research in one or more of the above fields. It is anticipated that the successful candidate will have 5-8 years experience beyond the postdoctoral level and preference will be given to those having industrial experience, including responsibility for a research group.

Triton Biosciences Inc., a subsidiary of Shell Oil Company, is an emerging fully integrated pharmaceutical and diagnostics company located in the San Francisco Bay Area. We offer competitive salaries and benefits including a full relocation package. For consideration, please send your CV and names of three references to: Triton Biosciences Inc., Box JMJ, 1501 Harbor Bay Parkway, Alameda, CA 94501. Triton is an Equal Opportunity Employer.
POSITIONS OPEN

SENIOR TECHNICIAN

PROF. PH. D. PROPHOBESIS

MOLECULAR EVOLUTION PROGRAM

The Smithsonian Tropical Research Institute, located in the Republic of Panama, seeks a senior technician to manage a protein electrophoresis laboratory. Duties in- clude setting up and running electrophoresis gels, size protein samples utilizing SDS gels, running gels on the gels, and preparing protein samples for electrophoresis. The position requires experience in protein electrophoresis and DNA analysis using agarose gels, and knowledge of molecular biology. Salary: $5,000 per month. Review of applications will be conducted until the position is filled.

SOCIAL/NATURAL SCIENTISTS: Two visiting scholars from industry or government to join interdis- ciplinary department during 1988 and 1989 to work on problems of interest to the University and the home institution concerning coastal/estuarine systems, empha- sizing underwater research. The expected contribution is a terminal degree in field or equivalent experience required. Re- search experience in harbor/coastal planning and develop- ment, physical oceanography, remote sensing, phytoplankton biology or aquatic chemistry desirable; other areas acceptable. University provides 50% of ap- pointedtime for research activities. Salary will provide a 20% salary increase over 1988. Closing date for applications is 15 March 1988. Emory is an Equal Opportunity/Affirmative Action Employer.

TRACING POSITION—EVOLUTIONARY BIOLOGIST: The Department of Biology, Emory University, invites applications for a teaching position at the assistant professor rank for a non-tenure-track, 1-year term, renewable for up to 3 years. Responsibilities include teaching courses in introductory biology and courses at an advanced level, which may include: evolu- tion, population biology, and plant physiology. The successful candidate may be involved in supervising students in project laboratories and independent research and is expected to help in efforts to strengthen the undergraduate curriculum. Send curriculum vitae, a statement on your experience and interests in teaching, and three letters of recommendation to: Dr. T. E. Goren, Chair, Department of Biology, Emory University, Atlanta, GA 30322. Closing date for receipt of applications is 15 March 1988. Emory is an Equal Opportunity/Affirmative Action Employer.

THE TECHNICAL STAFF: The Department of Mole- cular Biology at Princeton University is looking for a full- time manager of a new flow cytometry facility. This facility will serve a faculty community of 24 with diverse interests in cell and molecular biology. The manager must have previous experience with the operation of flow cytometers and advanced data analysis software.

Interested individuals should send their resume to: Technical Staff Search Department of Molecular Biology Lewis, The Chemistry Princeton University Princeton, NJ 08544 Princeton University is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF VERMONT

VASCULAR SMOOTH MUSCLE

MOLECULAR BIOLOGY

POSTDOCTORAL ASSOCIATE position available immediately to study the structure and expression of contractile and cyclic nucleotide proteins in vascular smooth muscle cells. Experience in recombinant DNA techniques is highly desirable. Salary is commensurate with experience.

Interested individuals should write to: "Professor B" School of Medicine, University of Vermont, 100 Colby Street, Burlington, VT 05405. University of Vermont is an Equal Opportunity Employer.

WEATHER DATA TECHNICIAN to quality control data from near real-time weather networks, provide customer support and build climate database. Position is available 1 April 1988 and requires M.S. or Ph.D. related to climatology and/or atmospheric sciences. Screened applications will be reviewed. Salary is competitive. Send resume to: Weather Data Technician, School of Marine and Atmospheric Science, University of Maine, Orono, ME 04469. No phone calls please.

APPLICATIONS ARE INVITED for a tenure-track assistant professor position in the Department of Environmental Sciences, College of Arts and Sciences, University of Colorado, Boulder. A Ph.D. in earth science or closely related field is required. Salary is competitive and commensurate with experience. Send resume to:Department of Environmental Sciences, University of Colorado, Boulder, Colorado 80309. Review of applications begins 15 March 1988.

POSITIONS OPEN

GRAPE PROPHOBESIS

MOLECULAR EVOLUTION PROGRAM

The California Department of Food and Agriculture is seeking STAFF BIOLOGISTS for positions in Sacramento. Ph.D. in toxicology or related science fol- lowed by 2 years of related, recent experience is required. The work is primarily review of animal toxicology studies submitted in support of regulatory assessments. Salary: $4,500 to $4,826 per month. Submit resumes to: Department of Food and Agriculture, 1220 N. Room 154, Sacramento, CA 95814, by 6 May 1988.

VIROLOGIST

The Department of Microbiology and Immunology, School of Medicine, University of North Carolina (UNC) at Chapel Hill invites applications from out- side candidates.

We seek an individual to provide an actively participating microbial virology program that includes teaching and ability to teach a research program in molecular and biochemical aspects of virology, preferably related to pathogenic viruses. Position begins 1 September 1988. The University of North Carolina at Chapel Hill is an Equal Opportunity/Affirmative Action Employer. Interested candidates should submit a letter of applica- tion to: The Office of the President, The New York Botanical Garden, Bronx, NY 10458-5126, including names of three referees, by 21 March 1988.

The New York Botanical Garden is an Equal Opportunity/Affirmative Action Employer.

RESEARCH PROPOSALS

OPEN TO APPLICATIONS

WILDLIFE RESERVOIR

THE UNIVERSITY OF VERMONT

VASCULAR SMOOTH MUSCLE

MOLECULAR BIOLOGY

POSTDOCTORAL ASSOCIATE position available immediately to study the structure and expression of contractile and cyclic nucleotide proteins in vascular smooth muscle cells. Experience in recombinant DNA techniques is highly desirable. Salary is commensurate with experience.

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WILDLIFE RESERVOIR

THE UNIVERSITY OF VERMONT

VASCULAR SMOOTH MUSCLE

MOLECULAR BIOLOGY

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Interested individuals should write to: "Professor B" School of Medicine, University of Vermont, 100 Colby Street, Burlington, VT 05405. University of Vermont is an Equal Opportunity Employer.
INTERNATIONAL RESEARCH FELLOWSHIP OPPORTUNITIES for U.S. and Foreign Postdoctoral Scientists

*Senior International Fellowships*

These fellowships offer opportunities to U.S. biomedical, behavioral, or health scientists to conduct research in a foreign institution. The program is for scientists who have established themselves in their chosen career in the United States and whose professional stature is well-recognized by their peers and institutional officials.

The purpose of this program is to enhance the exchange of ideas and information about the latest advances in the health sciences, basic, clinical, and public health and to permit U.S. scientists to participate abroad in ongoing study or research in foreign institutions.

Fellowships are awarded for a period of 3 to 12 months and provide stipend, travel, and living allowance.

*International Research Fellowships*

These fellowships offer opportunities to foreign scientists in the formative stage of their research career to extend their research experience in a U.S. laboratory. Selections are first made by the Nominating Committee in a participating country, region or area. Over 50 countries or regions in the Americas, Africa, Asia and the Far East, Australia, Europe, and New Zealand participate in the program. The purpose of this program is to forge relationships between distinguished scientists in the United States and qualified scientists in other countries in order to study health-related problems of mutual interest.

Fellowships are awarded for a minimum of 12 months and provide stipend, travel, and institutional allowance.

*Foreign-supported Fellowships*

These fellowships for U.S. scientists are supported by specific foreign countries and areas. They provide opportunities for scientists to conduct collaborative research in the country that provides funding.

The purpose of this program is to enhance the exchange of research experience and information in the biomedical, behavioral, and health sciences. The maximum period of support for all programs is 1 year and the minimum period of support varies with each program.

Participating countries and areas are: FINLAND, FRANCE (CNRS and INSERM), FEDERAL REPUBLIC OF GERMANY, IRELAND, ISRAEL, JAPAN, NORWAY, SWEDEN, SWITZERLAND, and TAIWAN.

**Health Scientist Exchanges**

These programs for U.S. scientists support short- and long-term visits to AUSTRIA, BULGARIA, HUNGARY, POLAND, ROMANIA, YUGOSLAVIA, and the SOVIET UNION.

The purpose of these programs is to conduct collaborative activities in one of the health sciences or the health-related fields that are of mutual benefit to the United States and the participating country. Priority is given to visits designed to strengthen or expand ongoing collaborative relationships or to explore prospects for long-term cooperation.

The financial provisions include round-trip travel and in-country costs.

*Requests for additional information on Senior International, International Research and Foreign-Supported Fellowships should be sent to: International Research and Awards Branch, John E. Fogarty International Center, National Institutes of Health, Bethesda, MD 20892.

**Request for additional information on Health Scientist Exchanges should be sent to: International Coordination and Liaison Branch (ICLB), John E. Fogarty International Center, National Institutes of Health, Bethesda, MD 20892
THE HEALTH EFFECTS INSTITUTE
FIFTH ANNUAL CONFERENCE

The Health Effects Institute's Fifth Annual Conference will be held in Colorado Springs, Colorado, on 17 to 20 April 1988. The purpose of the meeting is to foster communication between scientists, government officials, and interested representatives. The meeting will have three poster sessions on the effects of automonous exhaust components on carcinogenesis, lung injury, and pulmonary function and infections. A fourth session will focus exclusively on the health effects of carbon monoxide.

Several internationally recognized scientists will present lectures in these areas and will discuss findings relevant to setting the National Ambient Air Quality Standards.

Registration fee for the meeting is $50. Participation is limited and by pre-registration only. For further information please contact:

Dr. Jane Warren
Health Effects Institute
215 First Street
Cambridge, MA 02142
Telephone: 617-491-2926

GRADUATE TRAINING IN PHARMACOLOGY

The Department of Pharmacology of Wayne State University seeks qualified students interested in biomedical research careers. Full stipend/tuition support for the doctoral program will start in July/September 1988. Masters in this area will be required in the regulation of protein expression in mitochondria and peroxi- somes; control of protein degradation, CNS and cancer pharmacology and neuropharmacology. Application materials may be obtained from: Graduate Program, Department of Pharmacology, WSU School of Medicine, Detroit, MI 48241.

POSTDOCTORAL FELLOWSHIP to study human brain biochemistry and the relationship of lipoproteins to atherosclerosis. Studies will include characterization of subclasses of lipoproteins, including lipids and proteins in vivo, and metabolic studies. Applicant should have a Ph.D. or M.S. Sponsor's laboratory is part of the SCOR Arteriosclerosis program with several laboratories involved in studies of atherosclerosis, lipoprotein metabolism, growth factors and retnitina. Support available for 2 to 3 years. Send curriculum vitae and list of references to:

Henry Ginsberg, M.D.
Department of Medicine
P&S 9-501
College of Physicians and Surgeons
630 West 168th Street
New York, NY 10032
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POSTDOCTORAL FELLOWSHIP

A position is available to study ion transport processes in membranes isolated from cardiac muscle. We have been extensively studying the properties of the sodium-calcium exchange system in various cardiac preparations, and these experiments will be continued. In addition, we have had recent success in purification of the sodium-calcium exchange protein, and in expressing sodium-calcium exchange activity in oocytes after mRNA injection. We now plan to begin applying molecular approaches.

My laboratory is part of the Cardiovascular Research Laboratories at UCLA providing an excellent environment for multi-disciplinary interaction with other investigators with similar interests. Applicants should send curriculum vitae including names of three references to:

Dr. Kenneth D. Philipsen
Cardiovascular Research Laboratories
A3-381 Center for the Health Sciences
UCLA School of Medicine
Los Angeles, CA 90032-1760
The University of California is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL TRAINING IN ENVIRONMENTAL TOXICOLOGY

Two research associate postdoctoral fellowships in environmental toxicology, supported by the National Institute of Environmental Health Sciences (NIEHS), are available at Oregon State University (OSU) through the Toxicology Program and the Environmental Health Sciences Center. Research associates will engage in research with an emphasis on basic mechanisms for toxicity of environmental agents. Fellowships are available on a competitive basis to applicants (U.S. citizens and permanent residents only) with a recent Ph.D. degree in chemistry, biochemistry, pharmacology, or the biological sciences. To apply for a NIEHS fellowship, send curriculum vitae, academic records, and three letters of reference to: Donald E. Buehler, Ph.D., Chairman, Toxicology Program, Weniger Hall, Environmental Health Sciences Center, Oregon State University, Corvallis, OR 97331. Telephone: 503-754-2365. Closing date is 30 March 1988. OSU is an Equal Opportunity/Affirmative Action Employer and complies with Section 504 of the Rehabilitation Act of 1973. OSU has a policy of being responsive to the needs of dual-career couples.

RESEARCH FELLOWSHIP IN CLINICAL NUTRITION

One- to 3-year postdoctoral research fellowship available for M.D. or Ph.D. Emphasis will be on molecular and cellular biology in regulation of folate absorption in human nutrition. Supported by grant from NEAL Nutrition Program. Contact: Charles H. Halsted, M.D., Chief Division of Clinical Nutrition, TH 180, 205 East 122nd Street, University of California, Davis, CA 95616.
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