Assistant Professor of Biochemistry and Molecular Biology, The University of South Dakota, is undertaking a major expansion. At least three 12-month, tenure-track positions at the assistant or beginning assistant professor level are to be filled during 1990-91. All areas of expertise will be considered, but preference will be given to outstanding individuals with interests in the molecular biology of eukaryotes and protein biochemistry. Successful candidates will be expected to be a part of a competitive, independent research program and participate in the teaching of medical, graduate, and undergraduate students. Competitive salary and start-up funds. Rank commensurate with experience. Send curriculum vitae, statement of research plans, and names of three references to: Chairperson, Department of Biochemistry and Molecular Biology, University of South Dakota, School of Medicine, Vermillion, SD 57069. Consideration of applications will be made until the positions are filled. Applicants must be U.S. citizens or permanent residents. The University of South Dakota is an Affirmative Action/Equal Opportunity Employer.

Assistant Professor, Microbiology. The Department of Microbiology and Immunology, University of North Dakota School of Medicine in Grand Forks, invites applications for a tenure-track position at the rank of assistant professor. Candidates should have a Ph.D. and be expected to develop an independent, research program that involves interests in research in microbe-host interactions, microbiology/physiology, or environmental microbiology. Research plans will be evaluated on the basis of potential and experience. Applications will begin 1 August 1990. Applicants are to provide a letter of application, curriculum vitae, a statement of research experiences, and three letters of recommendation, to: Chairperson, Department of Microbiology and Immunology, School of Medicine, University of North Dakota, Grand Forks, ND 58202. UND is an Equal Opportunity/Affirmative Action Employer.

Assistant Professor, Microbiology. Providence. The University of Rhode Island invites applications for a tenure-track position at the rank of assistant professor. The successful applicant will be expected to develop an independent, research program in the area of subcellular molecular biology. Candidates should have a Ph.D. and be expected to contribute to an active research program in molecular biology and biochemistry, with emphasis on parasitic diseases. The successful candidate will have an opportunity to participate in the radiation safety program that employs molecular biology, biochemistry, and immunological approaches. Please send curriculum vitae, a brief statement of proposed research, and a list of four persons who can provide references for a statement of research interests to: Search Committee, Department of Biology, Rhode Island College, 32 College Street, Providence, Rhode Island 02908. Applications are invited from both men and women. The University of Rhode Island is an Equal Opportunity/Affirmative Action Employer.

Assistant Professor, Microbiology. University of South Dakota, School of Medicine, is seeking a candidate for an assistant professor position in the Department of Biochemistry and Molecular Biology. The University of South Dakota is located in Vermillion, SD. The successful candidate will be expected to develop an independent research program in molecular biology and biochemistry, with emphasis on parasitic diseases. The successful candidate will have an opportunity to participate in the radiation safety program that employs molecular biology, biochemistry, and immunological approaches. Please send curriculum vitae, a brief statement of proposed research, and a list of four persons who can provide references for a statement of research interests to: Search Committee, Department of Biology, Rhode Island College, 32 College Street, Providence, Rhode Island 02908. Applications are invited from both men and women. The University of Rhode Island is an Equal Opportunity/Affirmative Action Employer.
REPRODUCTION BIOLOGIST. Positional requirements are that the incumbent will develop an innovative independent program of research addressing the general area of reproductive biology in higher organisms. Specific areas of interest include either molecular or cellular biology, or physiology, or endocrinology. Collaboration with faculty in interdisciplinary research programs and the Endocrinology Reproductive Physiology Program is desired. Contributions to the department's public service function by interpreting scientific results to lay audiences is expected. Application(s) will be accepted until 15 August 1990 or until position is filled. Send a résumé, transcripts of all university work, a statement of research goals in this position, and three letters of reference to: Dr. Robert D. Brennel, Chair Search and Screen Committee Department of Dairy Science 850 Animal Science Building University of Wisconsin–Madison Madison, WI 53706

PALEOCLIMATOLOGY/PALEOCENEARCHOGEOGRAPHY SCREENING TESTING POSITION OF OCEANOGRAPHY

Applications are invited for a position(s) in paleoclimatology or paleoceanography at the level of Assistant, Associate, or Full Professor (tenure track or tenured). The successful candidate(s) must hold a Ph.D. in the earth sciences (or related field), and must have a strong commitment to research in fields related to the earth's climate and ocean. The candidate will also be expected to teach and supervise graduate student research. Experience in ocean-related research, particularly in the Paleocene, is desirable. The level of appointment and salary (based on University of California pay scale) will be commensurate with qualifications and experience. Assistant level candidates will be expected to show evidence of their potential through a publication record appropriate for their experience and letters of recommendation. Associate or full professorial level candidates should evidence a strong research record. Send letter of application with curriculum vitae including a description of research interests, list of publications, teaching experience, and names of five references to: Chair (Paleoclimatology), Graduate Department, A-408, Scripps Institution of Oceanography, University of California, La Jolla, CA 92037. Closing date for applications is 15 October 1990. UCSD is an Equal Opportunity/Affirmative Action Employer.

CHAIR DEPARTMENT OF BIOCHEMISTRY UNIVERSITY OF SOUTH ALABAMA COLLEGE OF MEDICINE Mobile, AL 36688

Nominations and applications are requested for the position of PROFESSOR and CHAIRMAN of the Department of Biochemistry of the University of South Alabama College of Medicine. The college seeks an individual who possesses and has demonstrated strong leadership abilities. The candidate should have an established and continuing record of major research productivity. The candidate should have a commitment to the further development and strengthening of the research and teaching programs of the department. Applications and nominations should be submitted by 15 August 1990. Applications including curriculum vitae, bibliography, and the names and addresses of at least three references, should be sent to: Herbert H. Winkler, Ph.D. Chairman, Search Committee Department of Microbiology, LMB Building University of South Alabama College of Medicine Mobile, AL 36688

An Equal Opportunity/Affirmative Action Employer.

BRANCH HEAD BIOSPHERIC SCIENCES BRANCH

The Goddard Space Flight Center, Laboratory for Terrestrial Physics, seeks a leader for its LOGICAL OR PHYSICAL SCIENTIST to serve as head of its Biospheric Sciences Branch. The branch carries out a broad space research program leading to an understanding of the biospheric and agro- nomic processes occurring on the surface of the earth and man's influence on these processes, using remotely sensed data. The branch is responsible for pursuing collaborative research with appropriate departments of the University of Maryland. Candidates should possess a Ph.D. and be actively engaged in advanced research, and have demonstrated capability in leading and developing such research efforts. Salary range: $50,342 to $76,982 per annum depends on education and experience. Candidate should submit a resume or Application for Federal Employment (SF-171) by 6 August 1990 to: NASA/Goddard Space Flight Center, Employment and Employee Services Branch, Code 115BA, Greenbelt, MD 20771. Technical inquiries should be directed to: Dr. Charles C. Schuetzler at (301) 286-4648.

Pennington Biomedical Research Center CHIEF OF METABOLIC CHAMBERS FACILITY

Applications are invited from investigators with experience in the measurement of human energy expenditure to join an expanding team of basic and clinical scientists investigating the regulation of energy balance and its relationship to the maintenance of health. The successful candidate, an M.D. or Ph.D., will be expected to guide the development of the two new metabolic chambers facilities and the three ventilated hood units as well as develop independent and collaborative research programs using these facilities. A joint appointment is available with an appropriate department in the School of Medicine, School of Veterinary Medicine, or School of Exercise Sciences of the University of Louisiana (LSU). The appointee may be at FULL, ASSOCIATE, OR ASSISTANT PROFESSOR level, depending on experience. Further details of this position and the Pennington Center and its facilities may be obtained by contacting either the director (G. A. Bray, 504-765-2583) or the chief of experimental operations (D. A. Yorke, 504-765-2584). Applications, including curriculum vitae and the names of three references, should be submitted by 1 September 1990 to: George A. Bray, M.D. Director Pennington Biomedical Research Center Baton Rouge, LA 70808

LSU is an Equal Opportunity/Affirmative Action Employer.

DIRECTOR, RESEARCH AND DEVELOPMENT (R&D), ENGINEERING AND TECHNOLOGY. For U.S. based pharmaceutical corporation. Directs R&D of new products, production methods/services, profitability, and implementation of new and existing product technology including manufacturing and application engineering, formulation, and electrical power generation equipment; electric accessories, components, reinforced thermoplastic composite systems. Coordinates education with plant engineers worldwide. Fulfills Research proposals, locates subcontract and joint venture partners. Must have Ph.D. degree in engineering. 5 years of experience or 3 years as director of engineering/research experience; experience in engineering management for plastic and high performance materials and construction and operation of electric power plants using steam turbines; design of industrial automation systems (Al- cont systems); application of artificial intelligence to process control systems; using Informer and Dialog computer network Databases; transfer of technology to Europe; develop joint venture opportunities. Must be able to work 40% of time. Forty hours per week; $60,000 per year. Job and interview site: San Diego, California. Send ad and résumé to: Job #1116001, P.O. Box 9560, Sacramento, CA 95823–0560 no later than 22 July 1990.

DIRECTOR. Use of Alternatives in Animal Research, Teaching, and Testing Program, University of California, Davis, School of Veterinary Medicine. Applications and nominations are invited for the directorship of the Use of Alternatives in Animal Research, Teaching, Testing Program currently having a campus of the University of California. The director will hold a joint administrative and academic appointment in a suitable academic department on the campus of the University. The director will lead the development and the management of the systemwide University of Cali- fornia program in the Use of Alternatives in Animal Research, Testing, and Teaching. Applicants should have a background of successful administrative leadership and of achievement in scientific research in an appropriate field. Will demonstrate interest and commitment to the goals and objectives of the Animal Alternatives Program; a working knowledge of information systems; an ability to deal effectively with diverse groups, including faculty, students, administrators, government, and the community; an ability and commitment to negotiate and secure funding for programmatic research and development; and a commitment to the Affirmative Action goals of the campus. Applicants should submit curriculum vitae with the names of three references to: Dean Edward A. Rhode, School of Veterinary Medicine, University of California, Davis, CA 95616. Deadline for receipt of applications has been extended through 31 August 1990 to receive a suitable candidate. The University of California is an Equal Opportunity/Affirmative Action Employer.

BIOCHEMIST. Research foundation, Cleveland, Ohio. Research on human parvovirus virus type 3. Involves in vitro transcription systems, in vitro synthesized RNA characterization, gene cloning, and recombi- nation systems. Requires Ph.D. in biochemistry and 2 years of experience; 40 hours per week; 9 a.m. to 5 p.m.; $30,000 per year. Must have proof of legal authority to work permanently in the United States. Address; in duplicate (no call) to: Mr. J. Davies, Job #1084559, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216.

BIOCHEMIST/TOXICOLOGIST, GM-14 ANNOUNCEMENT #N-90-1471WS

NOAA's Ocean Assessments Division invites applicants for a position as project manager and in-house authority in areas of biochemistry and toxicology. Duties include developing and directing projects to identify and quantify the biological effects of marine environmental contaminants and interpreting the effects of contaminants in terms of their biological effects, and presenting program results. Substantial education and experience are required in these areas. Salary range: $50,342 to $85,847. U.S. citizenship is required. Candidates should send an Application for Federal Employment (SF-171) to: NOAA/NOS Personnel Management, Room 1825, SSIM, 1335 East Sunrise, Silver Spring, MD 20910. Attention: J. Steckman.
ENVIORNMENTAL PROFESSIONALS

The New York City Department of Environmental Protection's (DEP) Office of Environmental Policy and Planning has immediate openings for environmental professionals.

ENVIRONMENTAL ECONOMIST

Responsibilities of the position include the coordination of the Office's efforts in environmental economics. This will involve conducting economic cost/benefit analyses of environmental policy and regulatory decisions; assessing the cost-effectiveness of measures to protect water quality and supply, natural resources, and the environment; economic forecasting of conditions likely to affect water supply or the environment; working in conjunction with a multidisciplinary team to evaluate the economic costs of pollution and pollution control measures and communicating results and information on environmental economics to governmental agencies, elected officials, and the public.

ENVIRONMENTAL TOXICOLOGIST/EPIDEMIOLOGIST/MD

Responsibilities will include coordinating the Office's efforts in environmental health. This will involve conducting and coordinating exposure assessments; designing, planning, analyzing, interpreting and writing reports on exposure assessments related to complex epidemiological studies of populations exposed to the air, water, land and noise pollution; developing sampling methods, assessing the exposure and risk to humans and natural systems from pollution and developing criteria for setting standards for pollutant discharge and abatement; and communicating results and information on environmental health to governmental agencies, elected officials, and the public.

ENVIRONMENTAL ENGINEER/SCIENTIST

Responsibilities will include coordinating the Office's efforts in environmental science or engineering. This will involve coordinating and assessing the environmental impact of projects on air, water, soil and environmental quality; developing, refining and participating in specialized research projects aimed at monitoring, measuring, sampling, evaluating, and abating pollution in the environment; monitoring and assessing the state of technologies that may improve environmental quality; developing grant applications to conduct studies of environmental quality; developing, with a multi-disciplinary team, project evaluation methodologies that incorporate the principles of environmental science; communicating and information on environmental science to government agencies, elected officials, and the public.

GEOGRAPHER/PLANNER

Responsibilities will include coordinating the Office's efforts in environmental planning and geographic analysis. This will involve developing and assessing plans for protecting and improving environmental systems at the neighborhood, local, city, and regional levels; monitoring variables that contribute or detract from environmental quality, including land use patterns, regional development, transportation planning, natural land use, and built systems and communicating results and information on environmental geography and planning to governmental agencies, elected officials, and the public.

All applicants should possess an M.A./M.S., a Ph.D. or equivalent training and experience in a field/discipline relevant to environmental regulation and policy-making and extensive experience in environmental policy, regulation or enforcement.

RESEARCH ASSISTANT (2 Positions)

Responsibilities will include coordinating the Office's efforts in environmental policy, planning and regulation. This will involve developing projects to improve environmental quality; analyzing economic, epidemiologic, scientific, engineering and geographic aspects of environmental problems; collecting databases on environmental quality for use by agency officials and developing grant applications to conduct studies on environmental quality.

All applicants for the above 2 positions should possess a baccalaureate degree from an accredited college and six months of satisfactory full-time experience in research which involves gathering, organizing and analyzing data, and report writing or a satisfactory equivalent. However, all candidates must possess the equivalent of a high school diploma.

EXCELLENT BENEFITS PACKAGE.

SALARY COMMENSURATE WITH EXPERIENCE.

All interested candidates should submit three (3) copies of their resume and salary history to:

Zoe Ann Campbell
Deputy Director of Personnel

DEP Personnel
346 Broadway, Room 831
New York, N.Y. 10013

Equal Opportunity Employer M/F
NYC Equal Employment Opportunity 90 days of appointment.
POSITIONS OPEN
FACULTY POSITION AVAILABLE IN MOLECULAR GENETICS
The Division of Genetics, Department of Pediatrics, The Pennsylvania State University College of Medicine, invites applications for an ASSISTANT PROFESSOR for a new position in molecular genetics. Candidates must have proven abilities in gene cloning, DNA sequencing, and PCR technology. Position requires interaction with students and research associates. Responsibilities will include significant screening and diagnostic tests. A Ph.D. and postdoctoral experience is required. Submit curriculum vitae, names of three professional references, and representations to: Roger L. Latta, M.D., Division of Genetics, Department of Pediatrics, The Pennsylvania State University College of Medicine, P.O. Box 850, Hershey, PA 17033.

The Pennsylvania State University College of Medicine is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

FACULTY POSITIONS DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY THE UNIVERSITY OF CHICAGO
The Department of Biochemistry and Molecular Biology at the University of Chicago wishes to invite applications and nominations for several tenure-track positions to be filled in the 1990–1991 academic year. Candidates must have a doctoral degree, significant postdoctoral research experience, and demonstrable potential for the development of an independent research career in an academic setting. Although we are seeking individuals with research interests in any area of modern biochemistry and molecular biology, we are particularly emphasizing recruitment of individuals with research interests in nucleic acid biochemistry, protein–nucleic acid interactions, membrane and cell biochemistry, and structural biology, including magnetic resonance and molecular dynamics. Applications should include curriculum vitae, a list of publications, a summary of current research activities, plans, and a statement of the research interests of the least four individuals from whom letters of reference may be solicited. While we have no formal deadline, we would appreciate receiving applications by 15 September 1990. Please send applications or nominations to:

Marvin W. Makin
Department of Biochemistry and Molecular Biology
The University of Chicago
Chicago, IL 60637

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

THE AUSTRALIAN NATIONAL UNIVERSITY, FELLOWSHIP SCIENCE, School of Life Sciences, LECTURER IN PLANT SYSTEMATICS (TENUREABLE). Applications are invited for the post of tenured lecturer in evolutionary ecology in the Division of Evolutionary Ecology of the School of Life Sciences. The successful applicant will be involved in developing, organizing, and contributing to undergraduate and postgraduate units in ecology and evolution. The appointee will have a strong research record in evolutionary ecology, and will be expected to supervise honors and graduate students in that general area. Closing date: 10 August 1990. Reference: FS 7/63. Salary: $24,989 to $26,253 per annum. Applications should be submitted in duplicate to: The Registrar, The Australian National University, P.O. Box 4, Canberra ACT 2601, Australia, quoting reference number and including curriculum vitae, list of publications, and names of at least three referees. Applications to the above address should be received by 15 September 1990. This position will be advertised in the Australian newspaper

FACULTY POSITIONS DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY UNIVERSITY OF UTAH
Applications are invited for a tenure-track position in the Department of Pharmacology and Toxicology at the ASSISTANT PROFESSOR level. Applicants must have a doctoral degree, significant postdoctoral research experience, and demonstrated ability to be productive in an academic setting; salary will be commensurate with experience. Current areas of strength in the department include membrane, humoral, and immune responses, and in biochemical toxicology, drug metabolism, cardiovascular pharmacology, and molecular pharmacology. Applications, including a letter outlining career goals, and 3 letters of reference should be received by 1 December 1990. We are especially interested in candidates with research interests in the fields of pharmacology, toxicology, or pharmacokinetics that complement those of current faculty. Members of underrepresented minority groups are encouraged to apply. Send applications to:

Professor F. J. Ennis
Department of Pharmacology
College of Pharmacy
University of Utah
Salt Lake City, UT 84132

FACULTY POSITION IN MOLECULAR ASPECTS OF MEMBRANE BIOLOGY
The Departments of Biochemistry and Surgery at Wayne State University School of Medicine invite applications for a joint tenure-track faculty position at the ASSOCIATE or FULL PROFESSOR level. Within the last few years, the two departments have undergone major expansion in faculty and facilities with an emphasis in molecular biology and cellular function. To further growth in this area, the candidate’s research interests should encompass modern molecular approaches to basic problems of membrane biology or intracellular pH regulation. Experience with molecular biology techniques in the area of membrane biology is required. Curriculum vitae, the names of at least three references, and a brief outline of future research interests should be sent to: Dr. Robert S. H. Lustig, Department of Pharmacology, Wayne State University School of Medicine, 1001 E. Canfield Avenue, Detroit, MI 48201. Wayne State University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

FACULTY POSITION DEPARTMENT OF Viroology AND IMMUNOLOGY THE UNIVERSITY OF CALIFORNIA AT DAVIS
The Division of Developmental and Clinical Immunology and the Department of Microbiology at the University of California at Davis invite applications for a senior faculty position as an ASSOCIATE DIRECTOR. The successful candidate will be expected to provide the program with leadership, to develop and maintain an active research program and to interact with other members of the division. The successful candidate must be a Ph.D. or equivalent degree at the time of appointment. Applicants should submit curriculum vitae, a statement of research plans, and the names of three to five referees to: Dr. Robert G. Webster, Department of Virology and Molecular Biology, St. Jude Children’s Research Hospital, 332 North Lauderdale, P.O. Box 318, Memphis, TN 38101–0318.

The University of California, Davis is an Affirmative Action/Equal Opportunity Employer and encourages applications from underrepresented minorities.

TENURE-TRACK APPOINTMENT IN ENVIRONMENTAL BIOLOGY
The Environmental and Evolutionary Science Interdisciplinary Program and Department of Environmental Science and Engineering, University of California, Los Angeles (UCLA), School of Public Health. Tenure-track faculty member in the general area of environmental biology. Specific research areas could be in ecology, toxicology, endocrinology, immunology, population genetics, animal behavior, ecology, or environmental toxicology. Applications are invited from Ph.D. candidates with a strong background in environmental biology or related fields. Experience in teaching and student guidance is important. Candidates should have an earned doctorate and several years of experience. The level of this appointment is open. Salary will be commensurate with qualifications. The selected individual will be expected to serve as one of four faculty members in the Environmental Science and Engineering Program, which is entirely open at the doctoral level. UCLA is an Affirmative Action/Equal Opportunity Employer. Interested applicants should submit résumé, by 1 September 1990 to: Chair Committee for Environmental Science and Engineering Program, School of Public Health, University of California, Los Angeles, CA 90024.

ENDOWED CHAIR IN HUMAN EBOS ETHICS AND ANIMAL WELFARE AND DIRECTOR, CENTER ON THE INTERACTIONS OF BIOLOGY, ETHICS, AND SOCIETY
The School of Veterinary Medicine of the University of Pennsylvania seeks nominations of an academic veterinarian, or a scholar who has worked in a veterinary college or school, to serve as Chair of the Human Ethics and Animal Welfare, an endowed professorship, and to be director of the Center on the Interactions of Animals in Society. Please send nominations or a letter of interest and curriculum vitae, with a letter outlining career goals, and list of references by 15 August 1990: The Division of Marine Sciences and RSMS, University program with external funding as well as participate in teaching at both undergraduate and graduate levels. The department encourages applications from women and minorities for this position. Candidates should submit a letter of application, a brief statement of research objectives, curriculum vitae, and at least three letters of recommendation. Please send inquiries to: Robert A. Baines, Chair, Search Committee, Human Ethics and Animal Welfare, Division of Marine Sciences, University of Pennsylvania, 3800 Spruce Street, Philadelphia, PA 19104–6046. Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN MOLECULAR ASPECTS OF MEMBRANE BIOLOGY
The Departments of Biochemistry and Surgery at Wayne State University School of Medicine invite applications for a joint tenure-track faculty position at the ASSISTANT PROFESSOR level. Applicants must have a Ph.D. or an equivalent degree at the time of appointment. Applications should include the names of five references and curriculum vitae giving teaching and research experience, and should be addressed to: Chairman, Geophysics Search Committee, Scripps Institution of Oceanography, UCSD, La Jolla, CA 92037. Applications received after 1 October 1990 may not be considered. UCSD is an Equal Opportunity/Affirmative Action Employer.

MOLECULAR BIOLOGY/IMMUNOLOGY
The Division of Developmental and Clinical Immunology and the Departments of Medicine and Microbiology at the University of Alabama at Birmingham invite applications for a tenure-track position as an ASSISTANT PROFESSOR. We are seeking an individual with a strong background in DNA cloning who will develop a strong, independent research program and interact with other division members interested in normal and abnormal development of lymphoid and hematopoietic cells.

Applicants should submit curriculum vitae, a statement of research plans, and the names of three references to: Dr. Robert G. Webster, Department of Cellular Physiology and Immunology, University of Alabama at Birmingham, University Station, WTI 263, Birmingham, AL 35294. An Equal Opportunity/Affirmative Action Employer.

GEOPHYSICS
Scripps Institution of Oceanography of the University of California at San Diego (UCSD) invites applications for tenured or tenure-track positions in global seismology, geomagnetism, or theoretical geophysics. The level of appointment for the successful candidate will be determined by the extent of the candidate’s research competence and the salary will be based upon the pay scale of the University of California. Candidates for the level of ASSISTANT PROFESSOR will be expected to be in the initial stages of developing a research program and to submit an application that is most appropriate for their experience and letters of recommendation; candidates for ASSOCIATE OR FULL PROFESSOR will be expected to have a well-developed research record. Applicants must hold a Ph.D. (or equivalent) degree at the time of appointment. Applications should include the names of five references and curriculum vitae giving teaching and research experience, and should be addressed to: Chairman, Geophysics Search Committee, Scripps Institution of Oceanography, UCSD, La Jolla, CA 92037. Applications received after 1 October 1990 may not be considered. UCSD is an Equal Opportunity/Affirmative Action Employer.

MOLLEcular BIOLOGY/IMMUNOLOGY
The Division of Developmental and Clinical Immunology and the Departments of Medicine and Microbiology at the University of Alabama at Birmingham invite applications for a tenure-track faculty position as an ASSISTANT PROFESSOR. We are seeking an individual with a strong background in DNA cloning who will develop a strong, independent research program and interact with other division members interested in normal and abnormal development of lymphoid and hematopoietic cells.

Applicants should submit curriculum vitae, a statement of research plans, and the names of three references to: Dr. Robert G. Webster, Department of Cellular Physiology and Immunology, University of Alabama at Birmingham, University Station, WTI 263, Birmingham, AL 35294. An Equal Opportunity/Affirmative Action Employer.
The School of Public Health and Community Medicine at the University of Washington invites applications and nominations for the position of Chair, Department of Pathobiology. This department conducts laboratory research on infectious diseases of public health importance and cancer, with particular emphasis on pathogenesis, determinants of microbial virulence, and approaches to disease prevention. The Department has 14 faculty, offers M.S. and Ph.D. degrees, and has close ties with several important research institutions in the Seattle area. We seek an individual with an outstanding research record, committed to academic excellence, who can provide leadership for the Department’s teaching and research programs. Position requires an earned doctorate in an appropriate discipline.

Applicants should send a letter of interest, a current curriculum vitae and the names of four references by September 30, 1990, to Noel S. Weiss, M.D., Dr. P.H., Department of Epidemiology SC-36, University of Washington, Seattle, WA 98195. The University of Washington is an Affirmative Action, Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

Research Scientist/Cell and Molecular Biology

A position is available immediately for an individual with a Ph.D. in Cell/Molecular Biology plus several years of relevant laboratory experience. The successful candidate will bring experience in cytokine biology and/or cell adhesion molecules to the study of novel topically applied dermatological agents. In addition, this position will support ongoing projects in proliferation and inflammation of the skin.

Assistant/Associate Research Scientist/Cell and Molecular Biology

A position is available immediately for an individual with an M.S. or B.S. and several years of relevant laboratory experience to participate in the discovery of novel dermatologic agents. Experience in the techniques of modern molecular biology such as the use of restriction enzymes, cloning, and gel electrophoresis as well as bacterial and mammalian cell culture is a must. A background in the study of gene expression would be a plus.

These positions offer an opportunity to work on scientifically exciting and state-of-the-art programs in Dermatology. A very attractive and competitive salary and comprehensive benefits package is available. Submit resume and salary requirements in confidence to:

Supervisor, Human Resources
BRISTOL-MYERS SQUIBB COMPANY
Pharmaceutical Research Institute
100 Forest Avenue
Buffalo, New York 14213

an equal opportunity employer

AN IMPORTANT PHARMACEUTICAL RESEARCH CENTER located in PARIS area (FRANCE)

Its oncology department is looking for

A RESPONSIBLE TO HEAD THE ANTITUMOR “IN VIVO” PROGRAM

(Profile : Biologist, Pharmacologist)

To take in charge the conception of new “in vivo” models, the setting of and the supervision of experimental protocols.

Apply in writing and include a full C.V. to PUBLIVAL/6051 27, Route des Gardes 92190 MEUDON (FRANCE).
Atherosclerosis Research

Pfizer Inc is an international leader in the research and development of health care products. The Department of Metabolic Diseases of the Central Research Division is committed to innovative research leading to the discovery of novel therapeutics for the treatment of human metabolic diseases. Our approach to drug discovery encourages individual creativity as an important element in guiding a team effort toward a therapeutic target. This philosophy results in an environment that is challenging to the individual while enhancing group productivity. Scientific growth and development are stimulated by frequent interactions with prominent scientists in academia and medicine as well as with members of the research community within Pfizer.

Currently there is an opening for a research scientist with a PhD in physiology or pathology and at least two years of postdoctoral experience. You must have expertise in animal models of atherosclerosis with additional experience in the areas of lipoprotein metabolism, reverse cholesterol transport and/or cholesterol and bile acid metabolism desirable.

We offer a stimulating research environment and an excellent opportunity for professional recognition and advancement. In addition, we provide a competitive salary/benefits package and an opportunity to live in an attractive Connecticut shore community. Qualified applicants should submit their resume and references in confidence to: Dr. Jerry K. Larson, Assistant Director, Employee Resources, Central Research Division, Pfizer Inc, Eastern Point Road, Groton, CT 06340. An equal opportunity employer.

OPPORTUNITIES IN RESPIRATORY RESEARCH

Procter & Gamble is expanding its efforts in the upper respiratory research area. As a result, we have two immediate entry-level research staff openings for Ph.D. biomedical scientists at our Miami Valley Laboratories in Cincinnati, Ohio. Post-doctoral training is preferred, and we require experience in respiratory or cardiovascular pharmacology or physiology.

Our goal is to develop novel and superior therapeutic interventions to treat upper respiratory symptoms, primarily nasal congestion. To achieve this goal, we expect our scientists to be able to generate new hypotheses and to design and implement appropriate programs to test these hypotheses. Successful applicants will have independent responsibilities but will also work collaboratively within multidisciplinary research teams.

Besides offering a stimulating environment for professional and personal growth, we offer a fringe benefit package (medical, dental, profit sharing) that ranks in the top 5% of U.S. corporations.

Candidates must be presently authorized to work in the U.S. on a full-time basis. Resumes, with a list of publications, should be sent to:

Dr. T. J. Logan, Manager
Ph.D. Recruiting
Respiratory Research Positions
Box 8
The Procter & Gamble Co.
Miami Valley Laboratories
P.O. Box 398707
Cincinnati, OH 45239-8707
Procter & Gamble is an
EQUAL OPPORTUNITY EMPLOYER

CHAIRPERSON

Department of Microbiology and Immunology

The Pennsylvania State University College of Medicine is seeking a chairperson in Microbiology and Immunology to succeed Dr. Fred Rapp who is retiring from the position effective June 30, 1990, after serving as Chairman of the Department for twenty-one years. The Department has a tradition of excellence in research and teaching. The faculty of the Department excels in their individual fields of research and their endeavors are currently well supported by extramural grants and contracts. The Department offers courses covering various aspects of microbiology, immunology, and molecular biology for medical and graduate students. The faculty participates in a departmental graduate program, as well as, three interdepartmental graduate programs and a college of medicine M.D./Ph.D. program. The department offers unique opportunities for growth and development in a rapidly expanding academic medical center. The candidate should be nationally and internationally recognized with an outstanding reputation as an investigator in an area of research relevant to microbiology and immunology. The candidate should also have proven leadership skills and should be experienced in teaching and administration.

The deadline for applications is September 30, 1990.

Applications or nominations should be addressed to:

Leonard S. Jefferson, Ph.D.
Chairman, Microbiology and Immunology Search Committee
The Pennsylvania State University College of Medicine,
P.O. Box 850, Drawer SC
Hershey, PA 17033

An Affirmative Action/Equal Opportunity Employer. Women and Minorities are Encouraged to Apply.
CANCER PREVENTION FELLOWSHIP PROGRAM

The Division of Cancer Prevention and Control (DCPC) is accepting applications for the Cancer Prevention Fellowship Program (CPFP). The purpose of this program is to attract individuals from a multiplicity of health science disciplines into the field of cancer prevention and control. The program provides for: Participation in the DCPC Cancer Prevention and Control Academic Course; Working at NCI directly with individual preceptors on cancer prevention and control projects; Field assignments in cancer prevention and control programs at other institutions. Funding permitting, as many as ten Fellows will be accepted for up to three years of training, beginning July 1, 1991. Benefits include selected relocation and travel expenses, paid federal holidays, and participatory health insurance.

ELIGIBILITY

M.D. or D.D.S. from a U.S., territorial, or Canadian Medical School. Foreign medical graduates must have current ECFMG/FMGEMS certification and appropriate experience, e.g., one year residency in a training program approved by the Accreditation Council for Graduate Medical Education.

OR

Ph.D., Dr. P.H. or other doctoral degree in a related discipline (epidemiology, biostatistics, and the biomedical, nutritional, public health or behavioral sciences). Foreign education must be comparable to that received in accredited U.S., territorial, or Canadian institutions.

PLUS

U.S. citizenship or resident alien eligible for citizenship within four years. For details and application catalog, send a postcard or letter with your name and home address to:

Douglas L. Weed, M.D., M.P.H., Ph.D., Director Cancer Prevention Fellowship Program Division of Cancer Prevention and Control National Cancer Institute Executive Plaza South, T-41 Bethesda, MD 20892

Further Inquiries: Mrs. Barbara Redding, (301) 496-8640 or 496-8641.

Deadline for receipt of Applications: September 1, 1990

NIH is an Equal Opportunity Employer

EXECUTIVE DEAN OF AGRICULTURE AND NATURAL RESOURCES
Executive Director of the New Jersey Agricultural Experiment Station

and

Dean of Cook College

Rutgers, The State University of New Jersey, seeks candidates for the Executive Dean of Agriculture and Natural Resources with responsibilities for George H. Cook College and the New Jersey Agricultural Experiment Station (NJAES).

Cook College is a four-year undergraduate college with 2,800 students in academic programs in agricultural, life, and environmental sciences and policy studies. NJAES includes research and extension programs in agricultural, life, marine, and environmental sciences and embodies the philosophy and mission of a land-grant college. Cook College and NJAES have a total budget of $55 million and approximately 400 full-time faculty.

Candidates should be established scholars of national stature in the scientific community with evidence of proven administrative achievement and leadership ability. The executive dean must possess a demonstrated commitment to the land-grant system and to the relationship among society, agriculture, and the environment.

Applications and nominations will be accepted until September 15, 1990, or until a suitable candidate is found. Please address all correspondence to:

Dr. Myron Solberg, Search Committee Chair c/o Office of the Vice President for University Administration and Personnel

Rutgers, The State University of New Jersey
New Brunswick, NJ 08903

THE STATE UNIVERSITY OF NEW JERSEY

RUTGERS

An Affirmative Action/Equal Opportunity Employer

Postdoctoral Visiting Scientist

A postdoctoral Visiting Scientist position focusing on basic research in the area of receptor signal transduction is open within the Receptor Biology group of our Central Research and Development Department. This group is presently investigating structure-function relationships of cytokine receptors. The successful candidate will be expected to utilize the recombinant DNA expertise within the group in combination with cell biology techniques to identify novel mechanisms of receptor signalling.

Applicants should have a PhD in biochemistry, immunology or molecular biology and publications dealing with receptor structure or function. The appointment is for the period of one year, renewable for a second year upon mutual agreement.

At the world-renowned Du Pont Company you'll find a stimulating scientific environment at a world-renowned research facility located near Wilmington, DE. Du Pont provides competitive compensation and relocation benefits. The group offers a wide range of academic, cultural, and recreational activities. Qualified candidates are invited to submit their resumes and references for consideration. Visit our website for more information at: personnel.dupont.com

Du Pont
An Equal Opportunity Employer

NIH is an Equal Opportunity Employer
POSITIONS OPEN

MOLECULAR GENETICIST/MOLECULAR CELL BIOLOGIST. The University of California, San Francisco, School of Medicine, Department of Ophthal-

mology and Program in Biological Sciences, is seeking a scientist who has a strong commitment to developing a research program in molecular and cellular mechanisms of eye diseases. The position is open to Ph.D. candidates as well as those with equivalent postdoctoral experience. The scientist will be expected to develop a research program that uses a variety of molecular and cellular approaches to study the regulation of retinal cell proliferation. Applicants should have a strong background in molecular biology, genetics, and cell biology. To apply, please send a current curriculum vitae and three letters of recommendation to: Dr. John A. Kephart, Department of Ophthalmology, Box 0627, San Francisco, CA 94143-0730. Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

MOLECULAR FOREST GENETICIST/BIOLOGIST. Associate/Full Professor of molecular genetics and physiology, tenure-track position. Candidates are expected to establish a research program to study forest genetics and physiology using molecular markers and physiological approaches. Applicants should have a strong background in molecular biology, genetics, and physiology. To apply, please send a current curriculum vitae and three letters of recommendation to: Dr. Robert R. Duncan, Department of Forest Genetics, Box 7845, Oregon State University, Corvallis, OR 97331. Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

NMR SPECTROSCOPIST. To operate, maintain, and further develop a 600-MHz NMR Spectrometer Facility, in the College of Chemistry and Program in Biological Sciences. This position requires a Ph.D. in physical chemistry or biochemistry, with experience in NMR spectroscopy and data analysis. Experience in 2D NMR desirable. Interested individuals should contact: Dr. Albert S. Meldvan, Department of Biological Chemistry, The Johns Hopkins University School of Medicine, 725 North Wolfe Street, Baltimore, MD 21205-2185. Telephone: 301-955-2038. The Johns Hopkins University School of Medicine is an Equal Opportunity/Affirmative Action Employer.

NUMERICAL ANALYST AND MATHEMATICIAN. To engage in mathematical and engineering research related to development of new types of electronic systems and control theory. The successful candidate will be expected to have a Ph.D. in mathematics or applied mathematics and at least three years of postdoctoral experience. Please send a current curriculum vitae and three letters of recommendation to: Dr. Richard W. Spence, Department of Mathematics, University of California, Berkeley, CA 94720. Equal Opportunity/Affirmative Action Employer.

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POSTDOCTORAL POSITIONS

Eligibilities: fellows are available for post-doctoral study in the Department of Molecular Oncology and Virology. The Roche Institute is located in a suburban setting only 10 miles west of New York City. Research interests in the Department include:

Tom Curran, Ph.D.: Proto-oncogene transcription factors fos and jun, structural and functional basis of transcriptional control, signal transduction, role of cellular immediate-early genes in the central nervous system.

Donald Nuss, Ph.D.: Cellular and molecular mechanisms in plant-pathogen interactions, identification and characterization of genes responsible for pathogenic effects, signal transduction, RNA-protein interaction, transgenic approaches to virulence.


Interested candidates should send a curriculum vitae and a summary of research interests to: Department of Molecular Oncology and Virology, Roche Institute of Molecular Biology, Nutley, New Jersey 07110. We are an equal opportunity employer.

Roche Institute of Molecular Biology

Hoffmann-La Roche Inc

U.S. PUBLIC HEALTH SERVICE
Alcohol, Drug Abuse and Mental Health Administration
National Institute of Mental Health (NIMH)

The Associate Director for Special Populations, NIMH has an immediate opening for an Interdisciplinary Mental Health Researcher to serve as Chief of the Office of Rural Mental Health Research with responsibility for planning, developing, directing, and evaluating the Institute's comprehensive research program, designed to improve the effectiveness of mental health prevention and treatment services provided to populations in rural areas. In addition, the incumbent will develop approaches to increase the level of interest, expand the cadre of researchers, and enhance the quality of research on the populations in rural areas. The ideal candidate should possess a doctoral level degree or equivalent training in a mental health or health related field including psychology, sociology, epidemiology or public health. In addition, applicants should possess experience in research related to the treatment and prevention of mental illness in rural populations as well as related administrative experience in the mental health field as an example, director or senior investigator on the project. The grade of the position is GS-14, with a salary range from $50,342 to $85,444 per annum. The position may be filled through the Civil Service or through an appointment in the Commissioned Corps of the U.S. Public Health Service. Benefits include a retirement plan, health and life insurance and paid vacation and sick leave. Relocation expenses may be paid. The position may also be filled through an Intergovernmental Personnel Act (IPA), which is a temporary assignment of personnel between the Federal government and State, local, and Indian Tribal governments, institutions of higher learning, and certain other organizations for work of mutual benefit and concern. The position is located in Rockville, Maryland. Send Application for Federal Employment (SF 171) c/o & bibliography to: Sara Bensch, NIMH Personnel Office, 5600 Fishers Lane, Room 15C-12, Rockville, Maryland 20857, Telephone (301) 443-9094.

ADAMHA IS AN EQUAL OPPORTUNITY EMPLOYER

VICE PRESIDENT OF RESEARCH

PROTOS CORPORATION, based in Emeryville, California, is a rapidly growing affiliate of Chiron Corporation, a leading biotechnology company. Our staff of 20 scientists specialize in peptide and organic chemistry, receptor/enzyme biochemistry, and modeling. We are building an innovative, technology-intensive research operation. Our objective is to become a leader in the field of rational drug design.

We are seeking a creative, energetic, and productive senior-level scientist for the position of Vice President of Research. Reporting directly to the Chairman, the Vice President of Research will lead our multi-disciplinary drug discovery program and play a critical role in advancing the scientific and business goals of the company. Specifically, the Vice President of Research will:

- Manage scientific programs and staff, providing technical and strategic direction in all research areas.
- Integrate the work of in-house scientists and outside collaborators in molecular and cell biology, structural and organic chemistry, and pharmacology.
- Develop and maintain business partnerships and administrative aspects of the company.

The successful candidate must satisfy the following minimum requirements:

1. A Ph.D. and strong background in chemistry and biochemistry. Must have depth of knowledge in peptides, protein structure/function, and drug design. A breadth of understanding in molecular biology and pharmacology is essential.

2. Experience with proven success as a leader of a significant scientific effort in a pharmaceutical company or academic institution.

3. Excellent communication, organization, and management skills.

Protos Corporation offers an attractive compensation and benefits package including equity participation, state-of-the-art facilities and excellent opportunities for professional growth. For consideration, send letter of interest with C.V. and salary history to: Daniel V. Santi, Chairman, Protos Corporation, 4560 Horton Street, Emeryville, CA 94608.

SR. ANALYTICAL CHEMIST

WYETH - AYERST, a major division of a Fortune 100 corporation and a leading pharmaceutical company, has an immediate opening for a Ph.D. degree Sr. Analytical Chemist in the Analytical Research and Services Laboratories located in Rouses Point, NY. We are seeking an individual with experience in separation techniques (high performance liquid chromatography and electrophoresis), and specialization in polysaccharide or mucopolysaccharide chemistry.

In addition to an excellent starting salary, liberal benefits package and opportunities for professional growth, we offer a choice location in the scenic Adirondack Mountains/Lake Champlain region of New York State. Lake Placid, Burlington, VT and Montreal are all close by...locations boasting 4-season recreational activities and leading NY and VT universities. To express interest, we invite you to forward your resume with salary requirements to: Mr. Gary D. Wagoner, Wyeth-Ayerst Laboratories, 64 Maple St., Rouses Point, NY 12979.
Assistant Professor-Molecular Immunologist

The Dept. of Microbiology and the Cancer Immunobiology Center of the Univ. of TX southwestern Medical Center invites applications for an assistant professor position. Candidates should have M.D. or Ph.D., strong background in molecular biology, a record of major research achievement, and 2 years postdoctoral experience. Successful candidate will interface with group to develop new approaches to the biology and therapy of lymphoid tumors. Research will include tumorigenesis, dormancy effector cells, lymphokines, immunotoxins and genetically engineered reagents. Send C.V., cover letter and a letter of reference along with a statement of interests to Ellen S. Vitetta, Ph.D., UT Southwestern Medical Center, 5323 Harry Hines Blvd., Dallas, TX 75235-9048. An affirmative action/equal opportunity employer.

Molecular Biologist

Cytel is a growing biotechnology company pursuing recent breakthroughs in the fields of virology, immunology, and vascular biology. The company is focused on the discovery and development of novel regulatory molecules through innovative concepts in rational drug design. Candidates with expertise in the field of molecular biology are sought to participate in an aggressive research and development program at the staff scientist level. To qualify, an individual must have a Ph.D. in molecular biology, virology, cell biology or equivalent and a working knowledge of gene cloning, use of mammalian expression systems and gene regulation. Experience in viral systems favored. Cytel offers competitive salaries and excellent benefits. For immediate consideration, please send your resume to:
Cytel Corporation
Dept. BC
11099 N. Torrey Pines Road
La Jolla, CA 92037

POSITIONS OPEN

POSTDOCTORAL POSITION. Available immediately to study the effects of mutations in cellular oncogenes on mammalian embryogenesis and tumor development. Opportunity to use and learn the techniques involved in introducing mutations into mice by homologous recombination in embryonic stem cells. Experience in molecular biology preferred. Send curriculum vitae and names of three references to: Dr. Janet Sawicki, The Lankenau Medical Research Center, Lancaster Ave. and Lane, Lankenau, PA 19015. Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

POSTDOCTORAL POSITION. Biochemist/molecular biologist wanted to study the relation of spongipolys to myeloid/macrophage development. The project involves identification of novel spongipolys and characterization of enzymes involved in their metabolism. Salary: $30,000. Send curriculum vitae and addresses of two references to: Dr. Richard Kolenik, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10021.

POSITIONS OPEN

POSTDOCTORAL POSITION. Available immediately for research on the regulation of the natural Bona transfer between bacteria in aquatic systems. A Ph.D. in microbiology or biochemistry is required with experience in microbiological/molecular biology. Send curriculum vitae and three references to: Dr. Michael A. Geall, Department of Bioscience and Biotechnology, Drexel University, 34th and Chestnut Streets, Philadelphia, PA 19104. Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

POSTDOCTORAL POSITION. Immediate opening for research on the establishment and use of quantitative assays to assess the efficacy of inactivation of free, cell-associated, and particulate forms of the HIV in cell culture. The blood products to investigate interactions between HIV and blood cells. Ph.D. in experience in growth and assay of human retroviruses required. Send resume and three references to: Roger Dodd, Ph.D., Head, Transmissible Diseases Laboratory, American Red Cross, 15801 Crabbie Branch Way, Rockville, MD 20855. Equal Opportunity Employer, M/F/V/H.

POSITIONS OPEN

POSTDOCTORAL POSITION. Available now to study myoid membrane structure/function. Research projects involve granulocyte membrane protein purification and characterization, protein phosphorylation, purification of a novel protein kinase, and characterization of molecules recognized by myoid-specific monoclonal antibodies. Send curriculum vitae and three names or letters of reference to: Dr. Keith Skubitz, Department of Medicine, Box 135 UMHU, University of Minnes-ota Medical School, Minneapolis, MN 55455. Equal Opportunity Employer.

POSITIONS OPEN

POSTDOCTORAL POSITION. The University of Pittsburgh, Western Psychiatric Institute and Clinic Neurophysiology, is seeking for an individual with experience in high-resolution, high-field NMR working with biological materials. Ph.D. in chemistry, physics, or biochemistry required. Experience in solid-state and proton NMR. Postdoctoral experience and quality publications required. Candidate must be familiar with the electronics of NMR systems. Submit applications and three letters of recommendation to: Dr. J. W. Pettigrew, Neurophysiology Laboratory, University of Pittsburgh, Graduate School of Public Health, 130 DeSoto Street, Pittsburgh, PA 15261. University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

POSTDOCTORAL POSITIONS. Ph.D. biochemistry/immunology with 0 to 3 years of experience. Experience in protein purification, monoclonal antibody, cell culture, and molecular biology techniques is desirable. Other requirements are available immediately involving: (i) Structure and function of cell receptors of immune system. Research involves isolation and functional characterization of new cell receptors and identification of new receptors. (ii) Cell biology of antigen processing for activation of class II-restricted T cells. Send curriculum vitae and three references to: (i) Dr. John F. M. (ii) Dr. Peter E. Jensen, Department of Pathology and Laboratory Medicine, Room 777 WMB, Emory University, Atlanta, GA 30322. Emory University is an Equal Opportunity/Affirmative Action Employer.
POSTDOCTORAL POSITION, physical biochemistry. In laboratory studying mechanisms of assembly, communication, and regulation in multisubunit proteins. Experience with site-directed mutagenesis, protein:protein purification and characterization, analytical chromatography, and computer modeling and graphics desirable. Salary competitive, good fringe benefits. Send curriculum vitae and three references to: Dr. Norma Alleswijk, Department of Molecular Biology and Biochemistry, Wesleyan University, Middletown, CT 06457. Wesleyan University is an Equal Opportunity/Affirmative Action Employer. We encourage applications from minority candidates and women.

POSTDOCTORAL FELLOW MONELL CHEMICAL SENSES CENTER

To study human olfaction in health and disease. Fellow will work on basic psychophysics of olfactory systems as well as with patients complaining of altered chemosensory function. Requirements include a Ph.D. in sensory psychology or related field, an interest in chemosensation, and a desire to pursue issues of clinical relevance. Candidate should send curriculum vitae and a letter of interest that includes names and addresses of at least two references to: Dr. Robert M. Glusman, Center for Applied Science, 3500 Market Street, Philadelphia, PA 19104.

POSTDOCTORAL FELLOW POSITIONS. In neuroscience at the Addiction Research Center. Topics of research include: characterization and purification of drug and neurotransmitter receptors, cocaine receptors, neurotransmitters of reward and addiction, and effects of drugs on neurotransmitter systems. Salaries range from $29,000 to approximately $49,000 depending on experience and qualifications. Benefits and relocation expenses may be available. Previous postdoctoral experience desirable but not necessary. Send curriculum vitae and three references to: Dr. Michael J. Kuhar, NIDA Addiction Research Center, P.O. Box 5180, Baltimore, MD 21224. The Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA) is an Equal Opportunity Employer. ADAMHA is smoke free and drug free.

JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

Applications are invited for a research POSTDOCTORAL FELLOWSHIP in molecular and cellular biology of intestinal ion transport. Research deals with cloning of a family of intestinal Na/K ATPase exchangers and study of their function in transfected cell lines. Molecular and cell biologic techniques including fluorescence imaging of intracellular Ca2+ and pH will be used. Previous experience in molecular and cell biologic techniques is desirable. Candidates should send curriculum vitae and names of two references to: Mark Donowitz, M.D., Chief, G1 Unit, Departments of Medicine and Physiology, Johns Hopkins University School of Medicine, 725 North Wolfe Street, Baltimore, MD 21205.

POSTDOCTORAL RESEARCH ASSOCIATE. To study amino acid synthesis and nitrogen assimilation at the genome level. Experience in microarrays and enzyme levels in soybean and carrot. Ph.D. required with experience in plant molecular biology or biochemistry. Salary: $29,891 per year. Start by 1 September 1999. Send CV and curriculum vitae to: B. F. Matthews, U.S. Department of Agriculture, Agricultural Research Service (ARS), Plant Molecular Biology Laboratory, B-006 BARC-W, Beltsville, MD 20705. ARS is an Equal Opportunity Employer.

POSTDOCTORAL RESEARCH IN MOLECULAR NEUROBIOLOGY. Opportunity at Harvard Medical School in molecular neurobiology laboratory studying mechanisms of protein transport during synaptogenesis with relevance to neurodegenerative diseases and aging. Background in molecular biology, biochemistry, or immunology would be helpful. Please contact: Dr. S. Birnbaum, Mailman Research Center, 115 Mill Street, Belmont, MA 02178. Telephone: 617-855-2412.

STAFF ASSOCIATES COLUMBIA UNIVERSITY

Two positions available for peptide chemists in the Core Facility to synthesize peptides on automated equipment and purify same on HPLC. Must have 4 to 5 years of experience in field. B.S. degree. Competitive salary and benefits. Write to: S. Birken, Columbia University, Department of Medicine, 630 West 168th Street, New York, NY 10032. Columbia University is an Affirmative Action/Equal Opportunity Employer.

HPLC Biochemist

We are seeking a Biochemist with a high level of HPLC expertise to help us expand the role of Process Development analytical work to include amino acid analysis and identification of the carbohydrate moieties of glycoproteins. This will involve working with recombinant protein samples from conditioned media and purified materials. Specific responsibilities will include implementing a lab program for periodically validating assays, reagents, and equipment, and implementing a sample recording and assay reporting system. Ideal candidate will have a PhD and 0-1 year's industrial experience, or Master's and 6+ years' industrial experience. Must be expert with a wide range of HPLC systems and systems development. Strong supervisory and communication skills are essential.

Biochemical Engineers

Fermentation

Due to expansion, we are seeking a Biochemical Engineer to play a key role in process scale up. Interacting closely with Industrial Microbiologists, Molecular Biologists, Protein Chemists and Pilot Plant personnel, you will design and supervise experiments to evaluate the suitability of RNA derived microorganisms for use in GMP large scale manufacturing in our pilot plant facility. This will include evaluation of the effect of environmental parameters on product formation; optimization of mass and heat transfer, optimization of feed control strategies, carbon/nitrogen source utilization, and kinetics of product formation. The successful candidate will have a PhD or MS in Biochemical Engineering with training in bacterial or yeast fermentation and 2+ years' experience in an industrial setting in the area of fermentation process development, manufacturing technical services, or related work in support of GMP bacterial or yeast manufacturing processes.

Cell Culture

As an addition to our exciting Process Development team, you will supervise several BS/MS level technicians and play a key role in process scale up. You'll be responsible for cell culture process optimization including: designing and directing experimental work in bioreactors to define scaled cell culture media suitable for large scale manufacturing and designing and directing experimental work to evaluate the performance, stability and productivity of different production clone candidates. In addition, you will be conducting "scaled down" experiments to simulate large scale production systems in order to fully evaluate clone performance. Qualified candidates will have a PhD or MS in Biochemical Engineering, or equivalent with hands on experience using mammalian cells in continuous culture conditions. A working knowledge of process development or GMP manufacturing functions and involvement in technical support services for rDNA and GMP cell culture manufacturing processes are required.

Exposure to scale-up development is a must for Biochemical Engineering candidates. These are highly visible positions, therefore excellent written, verbal, and presentation skills are required.

The outstanding Biogen benefits package includes fully-paid life, medical, dental and disability insurance. A 401k savings plan with a company-matching provision along with company-paid pension. 100 percent tuition reimbursement for as many as 4 courses a year. And 10 weeks’ paid maternity leave. Plus a lot of little things that really add up — like our credit union, on-site aerobics and relaxation assistance.

To apply for these immediate openings, send your resume to Biogen, Inc., Ref. SMBE702, 14 Cambridge Center, Cambridge, MA 02142. Biogen is an 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

DIRECTOR  
Division of Intramural Research

Opening Date: July 5, 1990  
Closing Date: August 6, 1990

(All Applications must be postmarked by the closing date.)

The National Institute of Diabetes and Digestive and Kidney Diseases is recruiting for the Scientific Director of the Division of Intramural Research. The Scientific Director directs a program of multidisciplinary laboratory and clinical research for the National Institute of Diabetes and Digestive and Kidney Diseases, NIH. The Scientific Director serves as the principal advisor to the Institute Director on biomedical and scientific affairs involving the intramural research program. The Scientific Director develops and recommends policies for the execution of the intramural research programs, determines their ongoing effectiveness, and recommends or develops new or revised direct research programs dealing with fundamental and clinical research related to diabetes and digestive and kidney diseases. In collaboration with senior officials, participates in the design and implementation of overall Institute management policies including program planning, budget formulation and resource allocation. The Division has a staff of approximately 445 employees and a current annual budget in excess of $69 million.

This is a Civil Service position in the Senior Executive Service (SES), with a base salary from $71,200 to $79,200 per year depending on qualifications. SES members are eligible for various bonuses and awards, and physicians are eligible for payments of up to $20,000 per year, although total compensation cannot exceed the rate of Executive Level I currently (currently $107,300 per year). (Alternatively, candidates may be eligible for appointment in the Commissioned Corps of the U.S. Public Health Service.) The SES individual selected, if not presently in the Senior Executive Service, must serve a one-year probationary period.

Further information about the position and qualification requirements may be obtained by contacting Mr. Clifford Moss at (301) 496-4231. An Application for Federal Employment (SF-171) along with a Curriculum Vitae and Bibliography should be submitted to:

Mr. Clifford Moss  
Personnel Officer, NIDDK  
National Institutes of Health  
Building 31, Room 9A30  
9000 Rockville Pike  
Bethesda, Maryland 20892

Additional information may be obtained from:

Dr. Irwin Kopin, Chairman; Director, Division of Intramural Research Search Committee; National Institute of Neurological Disorders and Stroke; National Institutes of Health; Building 10, Room 5N214; 9000 Rockville Pike; Bethesda, Maryland 20892; (301) 496-4297.

U.S. Citizenship Required  
NIH is an Equal Opportunity Employer

Research Associate  
DNA Synthesis Facility

ZymoGenetics, Inc., a Seattle-based biotechnology company, has an opening for a Research Associate to manage our DNA Synthesis Facility. A BS/BA or equivalent and two to four years of experience in all aspects of DNA synthesis are required including: synthesizer operation, maintenance and repair; oligonucleotide design, synthesis and purification; computer sequence analysis and database management; supplies purchasing and inventory. The successful candidate will have demonstrated the ability to maintain a rigorous quality control regimen, to interact in a service capacity with a variety of scientists and to develop and expand current capabilities using novel chemistries and new techniques.

ZymoGenetics offers competitive salaries commensurate with experience, outstanding benefits, a strong connection with the University of Washington and on excellent Pacific Northwest location. Please send CV and cover letter to: ZymoGenetics, Inc., Human Resources, 4225 Roosevelt Way NE, Seattle, WA 98105. (206) 547-6080.

ZymoGenetics

ZymoGenetics, Inc. is a subsidiary of Novo-Nordisk a/s, one of the world's leading biotechnology companies. Novo-Nordisk is a major force in insulin manufacture and diabetes treatment and is the world's largest producer of industrial enzymes. ZymoGenetics is an equal opportunity employer and encourages applications from women and minorities.

DEPARTMENT OF THE ARMY  
OVERSEAS JOB VACANCY

ELECTRONICS ENGINEER

Applications are being accepted for the position of Electronics Engineer at the U.S. Army Research, Development and Standardization Group (United Kingdom) in London, England. This is a Civil Service position at the GS-15 grade level with a salary range of $59,216-$78,982 per annum. The initial overseas assignment is 36 months with a possible tour extension of 24 months.

The incumbent plans, directs and coordinates the electronics research program of the Department of the Army in Europe. The research program is accomplished through contacts with additional institutions, research institutes and government and industrial laboratories. The incumbent encourages proposals for research in various fields of electronics including electronic and/or electro-optic materials, devices and integrated circuits; communications engineering; and digital and computer engineering. Makes decisions concerning the relative value of proposed and ongoing research projects. Establishes and maintains contact with the entire professional and scientific community of Europe identified with electronics research.

In addition to the basic requirement of a bachelor's degree in engineering, applicants must have one year of specialized experience in electronics engineering equivalent to the next lower grade in the Federal Service and a background in fundamental research. Applicants should possess (1) Ability to plan, direct and guide a research program in electronic and electro-optic materials, devices, and integrated circuits; communications engineering; and digital and computer engineering; (2) Advanced knowledge of electronics engineering and evidence that technical competence has been maintained; (3) Ability to evaluate research proposals for technical merit; and (4) Ability to interact effectively with other scientists, professional groups and management officials.

Applicants should submit a Standard Form 171, Application for Federal Employment (available at Federal Job Information Centers and Federal Personnel Offices) and a supplemental statement which addresses each qualification listed above to the U.S. Army Research Office, ATTN: SLCS-CPAR, PO. Box 12211, Research Triangle Park, NC 27709-2211. Additional information may be obtained by calling (919) 549-0641, extension 212.

Applications must be received by July 30, 1990.

THE DEPARTMENT OF THE ARMY IS AN EQUAL OPPORTUNITY EMPLOYER
ST JUDE

CHILDREN'S RESEARCH HOSPITAL

Post doctoral Research Associate
Department of Hematology Oncology
(Bone Marrow Transplantation)

St Jude Children's Research Hospital is a leading international center for Basic and Clinical Research into catastrophic childhood diseases. An additional 200,000 sq ft Basic Research Facility is being constructed and will be occupied early 1991.

With the expansion of research capabilities, applications are invited from recent PhD or PhD/MD candidates with a background in Cell or Molecular Biology or Immunology to participate in one of two projects:

1) Gene Transduction of Marrow cells to investigate Stem Cell Biology in vivo in Man and to analyze the mechanisms underlying relapse of malignant disease

2) Molecular Recognition Mechanisms used by immune system cells to kill malignant cells, as part of a programme to improve the outcome of Bone Marrow Transplantation.

These projects are being undertaken in close collaboration with the Departments of Biochemistry (Chairman Dr. Malcolm Williams, Chairman Dr. Peter Doherty PhD FRSe) at this research institution.

Interested individuals should send a recent cv and the names and addresses of three referees to:

Dr. Malcolm Brenner PhD FRCP
St Jude Children's Research Hospital
Box 318, Memphis TN 38103

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ANATOMY – J. D. Coulier, Ph.D., Professor and Head, Bowen Science Building.

ANESTHESIA – John H. Tinker, M.D., Professor and Head.

BIOCHEMISTRY – Alan G. Goodridge, Professor and Head, Bowen Science Building.

DERMATOLOGY – John S. Strauss, M.D., Professor and Head; or Kenzo Sato, M.D., Professor, 2 Boyd Tower, General Hospital. A postdoctoral research associate for the study of electrophysiology of cultured cells.

INTERNAL MEDICINE – Openings available in all disciplines in the Internal Medicine Department, College of Medicine, University of Iowa. Contact Francois M. Abboud, M.D., Professor and Head; or Darris Goedert, Administrator. Phone: 339-2580.

MICROBIOLOGY – Dr. Allen J. Markowitz, Professor and Acting Head, Bowen Science Building.

NEUROLOGY – Postdoctoral associate positions are available in Cognitive Neuroscience, Neurophysiology, Neurobiology, Cerebrovascular Disease, Epilepsy, Sleep, and Neuromuscular Diseases. Antonio R. Damato, M.D., Professor and Head, 2515 Roy Carver Pavilion.

OPHTHALMOLOGY/OCULAR PATHOLOGY – Extensive training offered in diagnostic pathology, laboratory management. Experimental ocular pathology is emphasized and participating in research involving molecular pathology and ocular carcinogenesis is expected. Thomas A. Weinberg, M.D., Ph.D., Professor and Head.

PATHOLOGY – Dr. Richard G. Lynch, Professor and Chairman, 144 Medical Laboratories Research activity in all areas of Pathology.

PEDIATRICS – Dr. Frank H. Morris, M.D., Professor and Head.

PHARMACOLOGY – Dr. P. Michael Cone, Chairman and Head, Bowen Science Building. Openings available in all areas of pharmacology and toxicology.

PHYSIOLOGY & BIOPHYSICS – Openings available in cellular and molecular endocrinology, neurophysiology and membrane biology. Contact Robert E. Fellows, M.D., Ph.D., Professor and Head, 5-660 Bowen Science Building.

UROLOGY – Dr. Richard D. Williams, Professor and Chairman, Carver Pavilion. A postdoctoral position is available for physicians interested in the study of immune modulation of genitourinary cancer cells in vitro and in animal models.

A Ph.D. or equivalent is required. Desirable qualifications are based on Project Investigator's interest for research. Women and minorities are encouraged to apply. The University of Iowa, College of Medicine, Iowa City, Iowa, 52242, is an Equal Opportunity/Affirmative Action Employer.

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Postdoctoral positions are available within a multidisciplinary, interdepartmental program of the Diabetes & Metabolic Diseases Research Program at Stony Brook, supported by an NIH Institutional Training Grant. Research interests of some of the 23 faculty trainers are:

- Paul Adams (Neurobiology) Excitability of Nerve Cells
- William Benjamin (Physiology/Biophysics) Mechanisms of Insulin Action
- Michael Berelowitz (Endocrinology) Hypothalamic Peptide Regulation of Growth Hormone
- Joen Brown (Washington Univ. affiliate) Transduction in Photoreceptors
- Sara Cohen (Physiology/Biophysics) Patch-clamping in Cardiac Cells
- Paul Fisher (Pharmacology) Eukaryotic DNA Replication/Karyoskeletal Structure & Function
- Howard Haspel (Physiology/Biophysics) Regulation of Hexose Transporter Expression
- Roger Johnson (Physiology/Biophysics) Intracellular Signaling Mechanisms
- William Lennarz (Biochemistry) Glycoprotein Synthesis and Function
- Craig Malbon (Pharmacology) Structure and Biology of G-Proteins and Receptors
- Richard Milksieck (Pharmacology) Functional Organization of the Estrogen Receptors
- Simon Pilkis (Molecular Mechanisms of Hormone Action
- Joseph Provenzano (Anatomical Sciences) Regulation of ADH Receptor Biosynthesis and Topogenesis
- James Quigley (Pathology) Cell-Matrix Interactions
- Mario Rebechini (Physiology/Biophysics) Regulation of Phosphoinositide-specific Phospholipase C
- Robert Reich (Biochemistry) Autocrine Regulation; Parase Biochemistry
- Sidney Strickland (Pharmacology) Mammary Development and Differentiation
- Linda Tseng (Medicine-O/GYN) Reproductive Molecular Endocrinology
- William Van der Klouw (Physiology/Biophysics) Regulation of Neuropeptide Expression
- Jeffrey White (Endocrinology) Regulating Neuropeptide Expression
- Jonathan Whittaker (Endocrinology) Insulin Receptor Structure and Function
- David Williams (Pharmacology) Molecular Biology of Lipoxygen/mRNA Stability
- Eckard Wimmer (Microbiology) Insulin Receptor Receptors

Send letters of reference, c.v., a description of research interests, training faculty of interest, to:

Dr. C. C. Malbon, Director
Diabetes & Metabolic Diseases Research Training Program
Health Sciences Center, State University of New York
Stony Brook, Long Island, New York 11794-8551

Minorities and women candidates are strongly encouraged to apply.

U.S. Environmental Protection Agency

Climate Change Division

The Office of Policy Analysis, responsible for coordinating research, analyses and policy studies in the area of global climate change, has two senior positions. The successful candidates will design and manage national and international programs requiring innovative leadership and vision. Each position will have responsibilities for supervising and coordinating a technical staff. Both positions require a strong background in environmental science or policy analysis.

STABILIZATION BRANCH CHIEF

Applicants should have knowledge of sources and sinks of greenhouse gas emissions, technologies, management practices, and economic methods for assessing costs of alternative national and international strategies. Individuals should have experience in formulating policy options for the energy, industry, agriculture, and forestry sectors.

ADAPTATION BRANCH CHIEF

Applicants should have knowledge of methods for assessing environmental impacts, models and tools for understanding the economic consequences of climate change, and alternative policy instruments for adapting to climate change. Including options at the local, state, national and international level. Individuals should have experience in evaluating impacts and policy options related to health, water resources, forests, wetlands, air pollution, infrastructure, energy systems, and other related topics.

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Excellent writing skills and oral skills required. U.S. citizenship required. Advanced degree in related discipline and 5 years of experience designing policy and managing programs preferred.

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Climate Change Division (PM221)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

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POSTDOCTORAL RESEARCH POSITIONS
To study the effect of DNA sequence and gene activity on DNA damage and repair ([J. Biol. Chem. 264, 14455 (1989); R. Bechtel, in press], and J. Mol. Biol. 203, 919 [1988]). Recent graduates with a background in molecular genetics or biochemistry, Send curriculum vitae and names of references to: Dr. Moon-shing Tang, University of Texas M. D. Anderson Science Park, P.O. Box 389, Smithville, TX 76597. An Equal Opportunity Employer. Applicants are preferred and experienced in vertebrate paleontology, biogeography, or biology is desired. Knowledge of electronic data processing is essential and experience with GIS and ARC/INFO is desired. Send letter of application, résumé, and names of three references by 15 August 1990 to: R. W. Graham, RCC, Illinois State Museum, 1920 10-1/2 Street South, Springfield, IL 62703.

POSTDOCTORAL RESEARCH ASSOCIATE
For a 3-year project to electronically record and analyze changes in late Quaternary mammalian communities. Data will be derived from scientific literature and museum collections. Experience in vertebrate paleontological sciences or GIS are preferred and experience in vertebrate paleontology, biogeography, or biology is desired. Knowledge of electronic data processing is essential and experience with GIS and ARC/INFO is desired. Send letter of application, résumé, and names of three references by 15 August 1990 to: C. New, Associate Dean/Administration, 62 South Dunlap, Memphis, TN 38163.

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RESEARCH ASSOCIATE, University in central Ohio. Research involves cell culture, intercellular-1, tumor necrosis factor assays, enzyme-linked immunosorbent assay (ELISA), SDS-polyacrylamide gel electrophoresis (SDS-PAGE), Western and Northern blot analysis, protein purification by affinity, anion exchange and gel chromatography, restriction enzyme analysis of DNA, enzyme kinetic analysis of IL-1 precursor. Prepares publications for peer-reviewed scientific journals, presents research at national scientific meetings. No experience required in job described but applicants will qualify with the following: Ph.D. in clinical biochemistry, 2 years of clinical research experience in biochemistry and immunology using antigen analysis and immunoassay techniques, and experience with enzyme kinetics for studies evaluating the role of proteases and antiproteases in cellular biology and statistical analysis of experimental data. Send curriculum vitae and three references to: Dr. Rex M. Price, Stony Brook, CA 90910. Telephone: 818-354-8251. An Equal Opportunity Employer, M/F.

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A position is available in the Department of Physiology and Pharmacology for an assistant research scientist. This is a non tenure-track position. Ph.D. in pharmacology, neuropharmacology, behavioral neuroscience, or similar discipline is required. Salary is $28,000 plus benefits. Send résumé, and three references to: R. Elpern, Department of Physiology and Pharmacology, St. Louis University School of Medicine, St. Louis, MO 63104.
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OPHTHALMOLOGIC RESEARCH SPECIALIST: Los Angeles facility seeks individual to perform nonroutine technical procedures related to tumor biology and mammalian cell culture experiments. Must plan and conduct technical research related to the development and examination of photodynamic therapy for the treatment of solid tumors, utilizing lasers and related equipment. Ph.D. in biological sciences and 1 year of experience required. Job site: Los Angeles. Salary: $16.46 per hour. Send this ad and your résumé to: Job #CPE16122, P.O. Box 9560, Sacramento, CA 95823–0560 not later than 22 July 1990.

SCIENTIST: Research in the area of molecular modeling applied to biological macromolecules (proteins). Requires experience in the development, application, and analysis of molecular models. A Ph.D. in the sciences is essential. Knowledge of X-ray crystallography is required. Applications will be accepted until 30 June 1990. Send applications to: Dr. John M. T. Ryan, Department of Biochemistry and Molecular Biology, University of Illinois, 1205 W. Green Street, Urbana, IL 61801. Equal Opportunity/Affirmative Action Employer.

COURSES AND TRAINING

NEUROSCIENCE TRAINEEHIPS COLLEGE OF MEDICINE UNIVERSITY OF TENNESSEE, MEMPHIS

PREDOCTORAL AND POSTDOCTORAL TRAINEEHIPS, supported by a recently funded NIH training grant, are available. The program provides in-depth, multidisciplinary training for career in neuroscience. Seventeen faculty with a proven track record for successful predoctoral and postdoctoral training offer research training in the areas of neurophysiology, axonal tracing, developmental neurobiology, integrative systems neurobiology, molecular biology and biochemistry, neurotransmitters and modulators, and neuroendocrinology. Teaching opportunities also will be offered. Direct inquiries to: S. T. Kitai, Professor and Chair- man, Department of Anatomy and Neurobiology, The University of Tennessee (UT), 875 Monroe Avenue, Memphis, TN 38163.

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BIOCHEMIST, Ph.D. Protein, enzymes, monoclonal polyclonal antibody, affinity chromatography recep- tor purification, RIA, ELISA, hemopoietic growth fac- tors. R&D position. Worked, 4724 Denbigh Court, Allison Park, PA 15101.

COMPUTER SCIENCE, Ph.D. Extensive graphics experience. Seeks computer applications to molecular biology. Special interests: protein structure, gene regu- lation, sequence analysis. Box 63, SCIENCE.

NEUROETHOLOGIST Ph.D., University of Chicago. Active research, interactive visual perception and history of biology. Extensive teaching experience. Seek- ing academic position. Box 57, SCIENCE.

PARASITOLOGIST: Postdoctoral experience in protein purification. Seeks further experience in same, or will accept new challenge. Box 66, SCIENCE.

SCHIZOPHRENIA RESEARCHER. Brain electrical activity mapping, complex information processing. Strong neuroscience/cognitive science theoretical commitment. Seeking research/teaching/administrative position. Box 62, SCIENCE.

MEETINGS

DESKTOP MOLECULAR VISUALIZATION: A WORKSHOP


WORKSHOP ON MEMBRANE PROTEIN STRUCTURE

A workshop sponsored by NIDDK will be held 13 to 18 October 1990 at Vanderbilt University School of Medicine, Nashville, Tennessee. The format of the work- shop will include morning lectures and afternoon labo- ratory demonstrations, with experts, and workshops. Topics include crystalization, diffraction analysis, EPR, NMR, fluorescence, CD, and predictive methods, all as they relate to membrane proteins. For a program, infor- mation concerning application to the workshop, housing arrangements, etc., please write to: Dr. James V. Staros, Department of Biochemistry, Vanderbilt University School of Medicine, Nashville, TN 37232–0146. FAX: 615-322-4349.

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