POSITIONS OPEN

ASSISTANT PROFESSOR
MICROBIAL FOOD SAFETY

The Department of Food Science, University of Massachusetts/Amherst invites applications for a position open to fill a TENTURE-TRACK POSITION approximately two-thirds research, one-third teaching. The successful candidate will develop a research program in the area of molecular aspects of food microbiology/microbiological food safety (especially in the area of pathogen detection), teach food microbiology as well as other undergraduate and graduate courses, advise students, and support department initiatives.

A Ph.D. in Food Science, Microbiology, Molecular and Cell Biology, or a closely related field is required. Further evidence of teaching, scholarship, and postdoctoral experience is required to be able to support a research program with external funding. Active participation in the University's Bio/Technology Program and in its Molecular and Cell Biology Program is expected. Salary will be commensurate with qualifications and experience.

Priority will be given to applications received by April 1, 1995, but the search will remain open until the position is filled. Applicants should submit a letter of application, transcripts, résumé, and the names, addresses, and telephone numbers of three references to:

Dr. R. Lake, Chair, Search Committee
Department of Food Science
University of Massachusetts, Amherst, MA 01003

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

FACULTY POSITIONS
Cornell University Medical College - Department of Pharmacology

Candidates are sought for tenure-track positions at the level of ASSISTANT PROFESSOR. Candidates with interests in a wide range of areas related to the disciplines of pharmacology and clinical pharmacology will be considered. The responsibilities of this position include development of an active, independent research program and participation in both medical and graduate student teaching programs in the department. Applicants should send a curriculum vitae, a summary of proposed research, and should arrange to have letters sent from at least three scientists who can evaluate the candidate's accomplishments. Cornell University Medical College is part of the New York Hospital—Cornell Medical Center and is adjacent to Memorial Sloan Kettering Cancer Center and Rockefeller University. Applicants should send to:

Chair, Pharmacology Search Committee, c/o Room E-409, Pharmacology Department, Cornell University Medical College, New York, NY 10021. An Equal Employment Opportunity/Affirmative Action Employer/Men/Women/Minorities/Disabled/Veterans.

ASSISTANT PROFESSOR
HUMAN NUTRITION
TEXAS A&M UNIVERSITY

Twelve-month, TENURE-TRACK POSITION to teach and conduct research in Human Nutrition (60% Research, 40% Teaching). Research program related to diet and disease at the cellular and/or molecular level. Teaching of one course per semester at either the graduate or undergraduate level. Requires Ph.D., two years of postdoctoral experience preferred. Applications must be received by April 15, 1995. Send letter of application, one-page statement of career goals, a curriculum vitae, and three names of references to: Dr. Joanne R. Lupton, 218 Kleberg, Texas A&M University, College Station, TX 77843-2471. An Equal Employment Opportunity/Affirmative Action Employer.

Biopsychologist: The Department of Psychology at Boston University plans an appointment of a Biopsychologist beginning fall 1995. The department is seeking an individual with an interest in either the plasticity of the nervous system or the biological bases of learning and memory. That department seeks candidates with demonstrated excellence in research and teaching. The appointment will be at the ASSISTANT PROFESSOR level. Applicants must be Ph.D. or M.D. Send the letter of teaching and research interests, curriculum vitae, representative reprints, and three letters of recommendation to:

Dr. Joseph H. Kane, Psychology Department, Boston University, 64 Cummington Street, Boston, MA 02215. Boston University is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR
Avian Wildlife Ecology and Management

Tenure-track, academic-year position in University of Rhode Island Department of Natural Resources Science. To begin fall 1995. Will teach principles of wildlife management, wetland wildlife management (alternate years), avian ecology or some aspect of conservation biology (alternate years), and a graduate course in the student's specialty. Experience is required in research on avian ecology in a coastal urbanizing landscape. Advising undergraduates and graduate students. Ph.D. in wildlife management or management of conservation biology required. Demonstrated ability to develop a vigorous, extramurally funded research program and to publish in refereed journals is essential. Excellent oral and written presentation skills and proven ability to interact effectively with resource management agencies highly desirable. University teaching experience preferred. Submit letter of application, curriculum vitae, and three letters of recommendation to:

Dr. Thomas P. Bourne, Search Committee Chair, Department of Natural Resources Science, University of Rhode Island, Kingston, RI 02881. University of Rhode Island is an Affirmative Action/Equal Employment Opportunity Employer, and is committed to increasing the diversity of its faculty, staff, and students. People from underrepresented groups are encouraged to apply.

MICROBIAL PHYSIOLOGIST

The Department of Biological Sciences of SUNY Plattsburgh invites applications for a tenure-track, ASSISTANT PROFESSOR position for the fall of 1995. A Ph.D. with a strong background in microbiology is required. Postdoctoral experience is not required. The successful candidate will teach courses in microbiology and, and microbial physiology and will be qualified to participate in other microbiology courses. The development of a research program that actively involves undergraduates is expected. The candidate must be committed to excellence in teaching in an undergraduate liberal arts college with an understanding of minority and gender concerns. (Opportunities exist to participate in summer science programs for high school students.) SUNY Plattsburgh is located in one of the most beautiful and scenic regions of the northeastern United States, near Lake Champlain, and is one hour by car from Lake Placid, Burlington, Vermont, and Montreal, Canada. New York City and Boston are easily accessible by air, train or interstate highways. Applicants should send a résumé, three recommendation letters, a statement of teaching philosophy, and a summary of potential research to:

Chair, Search Committee, c/o Office of Personnel, SUNY Plattsburgh, Search No. 9916-246, Plattsburgh, NY 12901. Closing date is March 15, 1995, or until position is filled. SUNY is an Equal Opportunity/Affirmative Action Employer. Underserved minorities and racial minority scientists are especially encouraged to apply.

ASSISTANT PROFESSOR—Human Anatomy, Department of Biomedical Sciences, Southwest Missouri State University. Tenure-track position to teach courses in human anatomy, August 1995. Earned doctorate with training and experience in human anatomy, preferably with cadavers; commitment to teaching excellence and research. Alternate areas of expertise considered in selection. Screening begins March 15, 1995, and continues until position is filled. Send letter of application detailing qualifications and professional goals along with curricu- lum vitae, professional references, and all transcripts to:


ASSISTANT/ASSOCIATE PROFESSOR, Science and Mathematics Education

Candidates should have an extensive background in science and mathematics, and experience as an educator of teachers, and the skill needed to develop a dynamic new science and mathematics education curriculum. Review of applications will begin immediately and continue until positions are filled. Appointment begins September 1995. Send letter of application, curriculum vitae, and at least three letters of recommendation to:

Jeffrey Kane, Dean, School of Education, Adelphi University, South Avenue, Garden City, NY 11530. An Equal Opportunity/Affirmative Action Employer.
FACULTY POSITION
DIVISION OF BASIC SCIENCES
The Division of Basic Sciences of the Fred Hutchinson Cancer Research Center (FHCRC) is soliciting applications for a FACULTY POSITION. Depending upon the qualifications of the successful applicant, the level of the appointment may be either the Assistant, Associate or Full Member level. Applicants with demonstrated success in any field of molecular and/or cellular biology will be considered. Applications for appointment at the Assistant and Associate Member level must be received by March 1, 1995. All File Member level will be received until the position is filled. Candidates should send a curriculum vitae, a concise statement of their research plans, and three letters of reference to: New Staff Committee, Fred Hutchinson Cancer Research Center, Division of Basic Sciences, P.O. Box 13780, 1124 Columbia Street, Seattle, WA 98104. Enclosures should be accompanied by an M.D. or Ph.D. degree.

JOBS OPEN
MOLAR IMMUNOLOGY JUNIOR OR SENIOR FACULTY
The Department of Microbiology and Immunology invites applications for a junior or senior level, TENURE-TRACK POSITION for an immunologist whose research interests are directed to molecular and/or cellular analyses of contemporary problems in immunology. Senior candidates should have strong records of research accomplishment, with evidence of program growth and development. Junior candidates will be expected to develop a high quality, extramurally funded research program with long-term growth potential. Teaching responsibilities, which emphasize training quality over quantity, include medical, dental and graduate students. The Department offers a high quality, interactive intellectual environment and access to the faculty holding active extra-mural research grants. A large center of Excellence grant has resulted in establishment of a Molecular Resource Center within the Department featuring state-of-the-art facilities for oligonucleotide synthesis, peptide synthesis, monoclonal antibody production, amino acid analysis, DNA sequencing, molecular graphics, and flow cytometry. Funds for the initiation of research programs will be available and salaries will be highly competitive.

Review of applications will continue until the position is filled. Applications should consist of curriculum vitae, copies of several recent publications, a brief statement of future research goals and three letters of reference to be sent to:

Dr. Terrance G. Cooper
Department of Microbiology and Immunology
The University of Tennessee, Memphis
858 Madison Avenue, Room 801
Memphis, TN 38163

The University of Tennessee, Memphis is an Equal Employment Opportunity/Taxonomy/Section 504/ADA Employer.

UNIVERSITY OF MAINE AT MACHIAS
Seeking Assistant Professor of Marine Ecology
Full-Time, Regular, Tenure-Track Position
To begin September 1, 1995. The position carries a 50% class teaching (or equivalent research load), 50% research load. Teaching assignments will support needs of the Division in areas such as: Marine Biology, Aquaculture, Environmental Science. Salary commensurate with experience.

The successful candidate will be expected to establish an externally funded research program in applied marine biology in the Gulf of Maine. Inclusion of University of Maine at Machias graduate students, as much as possible, in ongoing research projects will also be expected.

Requirements include: Ph.D. in marine biology, with a record of productive research and demonstrated teaching ability.

Send letter of application, curriculum vitae, transcripts, three letters of reference to: Dr. Alan J. Lewis, Chairman, Division of Sciences, University of Maine at Machias, 9 O'Brien Avenue, Machias, ME 04654. Application deadline: March 15, 1995.

The University of Maine is a 1,000 student, independently accredited campus within the University of Maine System offering undergraduate degrees in education, liberal arts, science and business. The University of Maine at Machias is an Equal Opportunity/Affirmative Action Employer.

The University of Pennsylvania, Department of Psychiatry, has open position for RESEARCH ASSISTANT PROFESSOR, non-tenure-track. Candidate must be a Ph.D. with interest and some experience in research related to sleep, and an interest in experimental research. Please send curriculum vitae and letter to: Ava Plotnik, Department of Psychiatry, University of Pennsylvania, 305 Bliderley Hall, 415 College Drive, Philadelphia, PA 19104-6021.

The University of Pennsylvania, Department of Psychiatry, has open position for RESEARCH ASSISTANT PROFESSOR, non-tenure-track. Candidate must be a Ph.D. with fellowship training in neuroscience/neurobiology, and plans to pursue an independent research career in sleep research. Please send letter and curriculum vitae to: Ava Plotnik, Department of Psychiatry, University of Pennsylvania, 305 Bliderley Hall, 415 College Drive, Philadelphia, PA 19104-6021.

The University of Utah, Department of Pharmacology, has open position for RESEARCH ASSISTANT PROFESSOR, non-tenure-track. Candidate must be a Ph.D. with fellowship training in neuroscience/neurobiology, and plans to pursue an independent research career in sleep research. Please send letter and curriculum vitae to: Ava Plotnik, Department of Psychiatry, University of Pennsylvania, 305 Bliderley Hall, 415 College Drive, Philadelphia, PA 19104-6021.

Chemistry faculty: ASSISTANT or ASSOCIATE PROFESSOR, open for a M.D. or Ph.D. scientist with research interests and experience in evaluating humoral/mucosal immunological responses to various classes of foreign protein encountered by virus vaccines. Candidates must have demonstrated excellence in independent research. The successful candidate would be expected to engage in research in the development of vaccines to protect against respiratory viruses and other mucosal pathogens. This position involves the conduct of independent collaborative research, and teaching and training graduate students in the Department of International Health (Division of Vaccine Sciences) and Molecular Microbiology and Immunology. Send letter of application, including current and future research plans, curriculum vitae and names and addresses of three references to: Mary Lou Clements, M.D., M.P.H., Division of International Health, Johns Hopkins University Center for Immunization Research, Room 125, 624 North Broadway, Baltimore, MD 21205. Telephone: 410-955-4576. FAX: 410-550-6898.

ASSISTANT PROFESSOR, Molecular Fish Genet
icists and Populations Genetics—Department of Fisheries and Allied Aquacultures, Auburn University, Alabama. Tenure-track, 1.5-month workshop, the first year 75% and teaching 25%. Earned Ph.D. in molecular genetics. Demonstrated ability to isolate, clone and sequence genes; to produce transgenic and genetically modified fish; and the ability to interpret gene expression and appropriate protein analyses; to conduct mDNA, DNA fingerprinting and isozyme analysis. Karyotyping and other chromosomal manipulations desirable. Advisor graduate students. Salary negotiable, commensurate with experience and qualifications. Send letter stating professional goals, resume, and names and addresses of three references to: Dr. Rex Dunham, 121-A Swingle Hall, Auburn University, AL 36849-5419 by February 15, 1995. Telephone: 205-844-4786; FAX: 205-844-9208. Auburn University is an Equal Opportunity/Affirmative Action Employer. Minorities and women are encouraged to apply.

HUMAN GENETICS DEPARTMENT
UNIVERSITY OF UTAH
FACULTY POSITIONS
TENURE-TRACK, IMMUNOLOGY, ETVL
Current faculty interests include: Genetics of Human Disease, Developmental Genetics, Human Genome Project; Molecular Genetics of Gene Regulation; and Population Genetics. Send curriculum vitae and brief description of research to: Raymond J. Galloway, M.D., PhD, Department of Immunology and Molecular Biology, University of Utah School of Medicine, Salt Lake City, UT 84112. U of Utah is an Equal Employment Opportunity Employer. Women and minorities are encouraged to apply.
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The fulfillment of seeing your ideas happen. At Schering-Plough, we invest over $500 million annually to advance the process of discovery and development. To the dedicated scientist, this means a greater opportunity to see your work extend and enhance lives the world over.

SENIOR SCIENTIST- Allergy
As a key member of our Allergy Group, you will direct the activities of a Biological Research laboratory to include the supervision of two Research Scientists. To qualify, you need a PhD in Pharmacology or Physiology and 2-4 years of postdoctoral experience in pharmacology. Expertise in animal models of cough and obstructive diseases of the airways a must. Pulmonary pharmacology and/or neuropharmacological background and pharmaceutical research experience desirable. Excellent interpersonal, supervisory and communication skills essential. For consideration, please respond to: Dept. DD95-02.

ASSOCIATE & ASSISTANT SCIENTISTS- Tumor Biology
Excellent opportunities for highly motivated team players to join our Department of Tumor Biology. Positions require at least 1 year of laboratory experience with proven experience handling animals, IV and IP drug dosing, as well as solid knowledge of cell culture techniques. Familiarity with cell or molecular biology techniques desirable. Candidates for ASSOCIATE SCIENTIST need a BS in Biological Science and 4-7 years of experience or an MS and 2-4 years of experience; and should respond to: Dept. DD94-31. Candidates for ASSISTANT SCIENTIST need a BS in Biological Science and 2-4 years of experience or an MS and 0-2 years of experience; and should respond to Dept. DD94-34.

We offer an excellent compensation package including a competitive salary and comprehensive benefits. For prompt confidential consideration, we invite you to forward a resume, indicating the Dept. Code for your position of interest and salary requirements to: Human Resources-BG, Schering-Plough Research Institute, K-15/MS 1255, 2015 Galloping Hill Road, Kenilworth, NJ 07033-0539.

We are an equal opportunity employer. We regret we are unable to respond to each resume. Only those selected for an interview will be contacted.

Using Science For Human Advantage

Improving life by advancing science.

Since opening our doors back in 1980, Genetics Institute has discovered a prodigious number of novel regulatory proteins. To date, nine of these have advanced to human clinical evaluation or commercialization, and the outlook for continued innovation is unprecedented.

Our success as the largest biotechnology employer in Massachusetts has been fueled by our collaborative work environment driven by values and focused on the future. This culture attracts and inspires some of the brightest minds whose ideas sustain us as a leader in the industry.

Our New England location places us in a hub for the biotechnology industry. The Boston area offers nearly mountains, seascast, and a four-season climate providing endless recreational, cultural, and educational opportunities.

So when you consider why you chose the sciences, consider Genetics Institute. Make an impact.

STAFF SCIENTIST
Developmental Biology
Identify and characterize secreted factors directing the differentiation of pluripotent embryonic stem cells. Also recognize the developmental potential of ES cells under various in vitro and in vivo conditions, and assay development for assigning biological activities to novel cytokines. Requires a PhD with 2+ years' work experience in developmental biology/related field; a strong background in developmental cell biology; and technical skills in tissue culture emphasizing morphological data collection and analysis, immunohistochemistry, assay development, microscopy and microphotography. Effective communication, organization, analytical, prioritization and PC skills also needed. Molecular biology background with knowledge of embryo manipulations and microdissection techniques a strong plus.

For consideration, please send or fax resume to: Job Code 55-C12B-SC), Human Resources Department, Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140. Fax: (617) 876-8847.

Genetics Institute offers competitive salaries and benefits, including comprehensive health care, dental and life insurance, three weeks' paid vacation, 401(k) stock purchase plan, relocation assistance, tuition assistance, and an on-site exercise facility. Genetics Institute is dedicated to building strength through diversity.

Harnessing the Body's Power to Heal

National Institutes of Health
National Institute on Aging
Gerontology Research Center
Baltimore, Maryland

TWO POST-DOCTORAL POSITIONS are available January, 1995 for Ph.D. or M.D. candidates in the Laboratory of Biological Chemistry to study:

(1) expression of tumor extracellular matrix and suppressor genes in aged mice, and the regulation of tumor growth by aged cells.

(2) cellular mechanisms in neovascularization and the analysis of angiogenesis inhibitors as potential anti-tumor agents. Both projects will focus on the cellular signal transduction mechanisms involved in the regulation of tumor growth and angiogenesis during aging. Experience in cell/molecular biology and an interest in cancer research and diseases of aging are preferred. Positions are renewable up to 3 years. Submit curriculum vitae, summary of research interests, and names of three references to:

Dr. A. Passaniti
National Institute on Aging
Gerontology Research Center
4940 Eastern Avenue
Baltimore, MD 21224

NIH is an Equal Opportunity Employer
ENDOWED PROFESSORSHIP INSTITUTE DIRECTOR

Southwest Texas State University is seeking an internationally recognized scientist, as an ASSOCIATE or FULL PROFESSOR, to establish a nationally competitive Institute for Environmental and Industrial Science within the University. Candidates must have demonstrated success in handling research and development projects and an ability to conduct interdisciplinary research. The candidate will have special interest in the potential of the director to develop scientific methodologies with regional industries. In addition to scientific initiatives, the director will be responsible for the development of a series of research teams, and a strong research program. The position will incorporate research and teaching assignments. The candidate will work at the graduate level with some opportunity for undergraduate instruction. Application deadline is March 1, 1995, and continue until the position is filled. Please send a complete résumé to: Dr. Patrick E. Cassidy, Associate Vice President for Academic Affairs, Institute for Environmental and Industrial Science, Southwest Texas State University, P.O. Box 3004, San Marcos, TX 78666. Telephone: 512-245-2205. Southwest Texas State University is an Equal Opportunity Employer.

DIRECTOR: TRANSGENIC ANIMAL FACILITY UNIVERSITY OF ROCHESTER School of Medicine and Dentistry

Applications are invited for a DIRECTOR to establish a research facility in the School of Medicine and Dentistry, University of Rochester, New York. The successful candidate will demonstrate experience in the genetic manipulation of animals, use of transgenic animals in research, and management of large animal facilities. The institution encourages applications from women and minorities. Contact: The Institute for Environmental and Industrial Science, Southwest Texas State University, P.O. Box 3004, San Marcos, TX 78666. Telephone: 512-245-2205. Southwest Texas State University is an Equal Opportunity Employer.

DIRECTOR

University of Nebraska State Museum

University of Nebraska-Lincoln (UNL) invites applications and nominations for the position of DIRECTOR, University of Nebraska State Museum. Successful candidates will have demonstrated capability and leadership in the management of a research-oriented museum. The Director must have at least three years of museum management experience, and the search committee will expect evidence of success in museum management and administration. Candidates should contact: Search Committee, University of Nebraska State Museum, 1719 Capitol Avenue, Lincoln, NE 68588. Telephone: 402-472-2411; FAX: 402-472-9642. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the needs of all its diverse populations. The University is an Affirmative Action/Equal Opportunity Employer.

VISITING INSTRUCTOR IN BIOLOGY

The Department of Biology at Davidson College is seeking an instructor for a one-semester appointment. The instructor should have a Ph.D. in a related discipline. The position will be available from August 1995. The position is open to individuals with any area of expertise. The position requires a minimum of two semester courses. Applications should be submitted no later than May 1, 1995. Send letter of application, curriculum vitae, and three letters of reference to: Dr. Robert J. L. Smith, Department of Biology, Davidson College, Davidson, NC 28036. The Department of Biology is an Equal Opportunity Employer.

DEPARTMENT HEAD/PROFESSOR MEDICINAL CHEMISTRY UNIVERSITY OF MINNESOTA

Applications and nominations are invited for the position of HEAD and PROFESSOR of the Department of Medicinal Chemistry, College of Pharmacy. The department has a strong graduate program with 11 full-time faculty who are engaged in a wide range of research activities. The Department Head is expected to maintain an active research program, provide leadership in curriculum development, serve on departmental committees, participate in departmental activities, and chair departmental meetings. The position is open to candidates with a Ph.D. and postdoctoral experience. Applicants must have a strong commitment to teaching, mentoring, and research. The University of Minnesota is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE/FULL PROFESSOR INDUSTRIAL AND ENVIRONMENTAL MICROBIOLOGY VINTAGE HOMESTEAD UNIVERSITY

The Department of Biology at Davidson College is seeking an assistant, associate, or full professor to teach microbiology and biology courses. The position will begin August 1995 and continue until the position is filled. Please send a complete resume to: Dr. Jay A. Neill, Chair, Department of Biology, Davidson College, Davidson, NC 28036. Applications must include a curriculum vitae and three letters of reference. The University of Minnesota is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE/FULL PROFESSOR

Department of Chemistry, University of Southern California

The Department of Chemistry at the University of Southern California, Los Angeles, invites applications for an assistant, associate, or full professor position. Candidates should have a Ph.D. in chemistry or a closely related field and provide evidence of strong leadership, management, and interpersonal skills. Applications, including three letters of recommendation, should be sent to: Chair, Department of Chemistry, 308 Harvard Street SE, Minneapolis, MN 55455. The University of Minnesota is an Equal Opportunity Education and Employer.

DIRECTOR

PITTGenetics Institute

The University of Pittsburgh and the University of Pittsburgh Medical Center are seeking candidates for the position of DIRECTOR of the Pittsburgh Genetics Institute (PGI). The PGI is a multidisciplinary program that involves a diverse group of faculty and associated faculty from several affiliated hospitals and collaborating universities. The PGI is designed to integrate and provide focus on diverse activities in genetics research, education, counseling, and outreach. The primary, but not exclusive, focus of the PGI is in the area of human genetics. The Director will be a Ph.D. or M.D., M.D. with additional appointment in a Ph.D. or Ph.D. in genetics and an extensive record of achievements with a special focus on genetics counseling, and community and the community are essential attributes. The position is expected to begin on March 1, 1995, and continue until the position is filled. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer.

DIRECTOR

University of Nebraska State Museum

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ASSISTANT/ASSOCIATE/FULL PROFESSOR INDUSTRIAL AND ENVIRONMENTAL MICROBIOLOGY VINTAGE HOMESTEAD UNIVERSITY

The Department of Biology at Davidson College is seeking an assistant, associate, or full professor position. Candidates should have a Ph.D. in chemistry or a closely related field and provide evidence of strong leadership, management, and interpersonal skills. Applications, including three letters of recommendation, should be sent to: Chair, Department of Chemistry, 308 Harvard Street SE, Minneapolis, MN 55455. The University of Minnesota is an Equal Opportunity Education and Employer.

DIRECTOR

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The Liposome Company, a leader in the field of lipid-based drug delivery systems, has the following opportunities available:

**Scientist/Sr. Scientist Research**

We are seeking a medicinal chemist or synthetic organic chemist with a working knowledge of structure-function analysis of bioactive molecules. Experience with lipid- and peptide chemistry is highly desirable. The successful candidate will be an enthusiastic, independent-thinking, productive scientist with 1-3 years’ post-doctoral and/or industrial experience in one or more of the areas listed above.

**Scientist-Membrane Research**

We have several positions available for scientists possessing experience with liposome-drug interactions and liposome design, as well as physical and chemical characterization of lipid vessels. Successful candidates will be critically involved throughout drug development, especially during formulation, biophysical and chemical characterization. PhD in Biochemistry, Biophysics or Chemistry and 0-3 years’ postdoctoral experience is essential. Technical expertise should include HPLC purification, DSC, NMR, fluorescence spectroscopy and other chemical-physical techniques used in liposome characterization. The ability to work with a team of professionals supporting a drug throughout its development is necessary.

We offer a competitive salary and comprehensive benefits package. Send resume, indicating position of interest, to:
The Liposome Company, Human Resources Department, One Research Way, Princeton, NJ 08540.
We are an Equal Opportunity Employer.

**REGIONAL MEDICAL ASSOCIATES**

SmithKline Beecham is a $9.2 billion global pharmaceutical and healthcare company. Our world famous products and reputation mean unsurpassed opportunities for individuals to combine their scientific and marketing expertise as Medical Associates.

Our Medical Associates establish relationships within major managed care organizations for the purpose of acting as scientific liaison and providing in-depth information regarding SmithKline Beecham products. This includes the training of representatives and medical professionals. This individual will also be responsible for outcome models. Travel 40-50%.

To qualify, you must have a Pharm.D. or Ph.D. in Pharmacology. Strong marketing and communication skills and a high degree of initiative are also required. Currently several openings exist throughout the U.S.

We offer one of the best compensation packages—including a car—in the industry. If you’d like to be a part of our success, send your resume with salary history to: SmithKline Beecham, Central Employment, Reference # 001CO95, 200 North 16th Street, Philadelphia, PA 19101. We are an Equal Opportunity Employer, M/F/D/V.

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**Regional Medical Associates**

SmithKline Beecham is a $9.2 billion global pharmaceutical and healthcare company. Our world famous products and reputation mean unsurpassed opportunities for individuals to combine their scientific and marketing expertise as Medical Associates.

Our Medical Associates establish relationships within major managed care organizations for the purpose of acting as scientific liaison and providing in-depth information regarding SmithKline Beecham products. This includes the training of representatives and medical professionals. This individual will also be responsible for outcome models. Travel 40-50%.

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We offer one of the best compensation packages— including a car—in the industry. If you’d like to be a part of our success, send your resume with salary history to: SmithKline Beecham, Central Employment, Reference # 001CO95, 200 North 16th Street, Philadelphia, PA 19101. We are an Equal Opportunity Employer, M/F/D/V.
CHAIR DEPARTMENT OF MICROBIOLOGY

The University of South Dakota School of Medicine invites nominations and applications for the position of CHAIR of the Department of Microbiology. Candidates with a Ph.D. or M.D. degree and research experience in any area of microbiology or molecular biology are encouraged to apply. The successful candidate must have demonstrated leadership capabilities, a distinguished research record, and a genuine commitment to excellence in medical and graduate education. Initial review of the applications will begin March 15, 1995, and will continue until the position is filled. Candidates should submit a letter of application, curriculum vitae, statement of research interests, and names of at least three references to: Ronald Lin- dbah, M.D., Chair, Ophthalmology, Search Committee, University of South Dakota School of Medicine, Vermillion, SD 57069-2390. Affirmative Action/Equal Opportunity Employer.

INSTRUCTOR IN PATHOLOGY

The Department of Pathology of the College of Physicians and Surgeons of Columbia University is currently seeking qualified applicants for a position as an INSTRUCTOR in pathology. This position will be responsible for teaching medical students the principles of the detection and typing of human papillomavirus. Either an M.D. or Ph.D. is required as are previous teaching experience in a laboratory and/or relevant research experience in the detection and typing of human papillomavirus using polymerase chain reaction and/or restriction enzyme analysis. Interested candidates should send curriculum vitae and the names of three references to: Thomas C. Wright, Jr., M.D., Associate Professor, College of Physicians and Surgeons of Columbia University, Department of Pathology, 630 West 168th Street, New York, NY 10032. Columbia University takes Affirmative Action to ensure Equal Opportunity and is particularly interested in applications from women and minorities.

ACADEMIC OPHTHALMOLOGISTS

INSTRUCTORS

The University of Nebraska College of Medicine, Department of Ophthalmology, is seeking one full-time academic ophthalmologist to serve as an INSTRUCTOR for the period July 1, 1995 through June 30, 1996. A retina specialist is desired. A strong commitment to resident and medical student teaching, as well as an interest in research, are essential. Requirements include completion of a satisfactory residency program and an interest in teaching experience. Send curriculum vitae to: Michael E. Yablonski, M.D., Ph.D., Professor & Chairman, University of Nebraska Medical Center, 600 South 22nd Street, Nebraska City, NE 68402. An Equal Opportunity/ Affirmative Action Employer. Minorities are encouraged to apply.

POSTDOCTORAL POSITIONS

Two POSTDOCTORAL POSITIONS are available for molecular biologists to study G protein coupled signal transduction pathways in the CNS. The Molecular Pathophysiology Program provides the opportunity to conduct exciting and imaginative cellular and molecular biological research in the central nervous system, putting emphasis on methods of gene discovery such as subtractive hybridization and on the analysis of cell adhesion molecule (CAM) interactions and signaling. Please submit a curriculum vitae including a statement of research experience/interests and arrange for letters of reference to be sent to: Ronald Lin- dbah, M.D., Chair, Ophthalmology, Search Committee, The Scripps Research Institute, Department of Neurobiology, 10666 North Torrey Pines Road, SBR-14, La Jolla, CA 92037. The Scripps Research Institute is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS

Two POSTDOCTORAL POSITIONS are available immediately to study the structure-function relationships and regulation of type 1 and type 2A Ser/Thr protein phosphatases. Particular emphasis is placed in studying the role of these enzymes in the transmission of growth factor signals which lead to metabolic responses, control of gene expression and cell cycle control. Experience in enzyme/molecular biology, cell biology or yeast genetics is required. Please send curriculum vitae and three letters of reference forwarded to: Anna DePaoli-Roach, Ph.D., Department of Biochemistry and Molecular Biology, Indiana University Medical Center, 6535 Barnhill Drive, Indianapolis, IN 46202. FAX: 317-274-4686; Telephone: 317-274-1585; Email: depaoli- roach@iucc.iupui.edu. Indiana University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS

Three POSTDOCTORAL POSITIONS are available immediately to study: a) the mechanism of action of tumor inducing HLA-derived peptides, b) the role of heat shock protein 70 in the survival of tumor antigen presentation, and c) the function and transcriptional regulation of the chemotactic cytokine RANTES. Experience in various aspects of molecular biology, protein chemistry, and/or cellular immunology is required. Applicants should send a complete curriculum vitae and up to three letters of reference to: Alan M. Krenskey, M.D., Shelagh Galligan Professor, Department of Pediatrics, Stanford University, Stanford, CA 94305-5119. FAX: 415-272-2137; or Carol Clugger, Ph.D., Assistant Professor, Department of Cardiothoracic Surgery, Stanford University, Stanford, CA 94305-5247. FAX: 415-725-3846. Stanford University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

POSTDOCTORAL POSITION IN BIOCHEMISTRY/MOLECULAR BIOLOGY

A position is available immediately to join an ongoing study on the structure and function of endolysosomal and glycosamidases. The applicant must have a strong background in molecular biology and will be involved in the characterization, expression, and purification of the enzymes. Site-directed mutagenesis will complement ongoing X-ray crystallographic analysis. The research will be conducted in a well-equipped core facility. Compensation from Health Research Inc. dependent upon experience. Send resume and three references to: Dr. Anthony Tangentino, Assistant Professor of Drug Development, Center for Laboratories and Research, Empire State Plaza, Box 509, Albany, NY 12201.

POSTDOCTORAL POSITION IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Drug Metabolism/Molecular Genetics

Pfizer, a Fortune 100 company and multi-billion dollar industry leader, is focused on discovering and developing innovative pharmaceutical therapies that improve the quality of life around the world. Your experience in molecular biology and/or characterization of drug metabolizing enzymes, could qualify you for this unique opportunity to study cytochrome P450 enzyme(s) in both a corporate and an academic setting. The selected candidate will spend 18 months with Dr. James Halpert, Professor of Arizona Health Sciences Center in Tucson, Arizona. This collaborative effort will focus on cloning, expression and enzymatic characterization of novel isoforms of cytochrome P450. The goal of this research is to develop enzyme models in animal species critical to the development of new drug applications. Publication and presentation of data will be encouraged.

In addition to the opportunity to interact with one of the world’s finest corporate scientific communities, we offer: a competitive salary, medical and dental benefits, relocation assistance, an Equal Opportunity Employer/Male/Female/Disabled/Veterans.

POSTDOCTORAL POSITION

June 1995 to study the effects of Cystic Fibrosis and Autoimmune Polyendocrine Syndrome. Experimental models are used to develop approaches to therapy (Ams. J. Physiol., 266:G1060, 1994 and Castro, 108:584, 1995) using molecular, biochemical and physiological techniques. Send curriculum vitae, names, addresses and telephone numbers of three references to: Dr. Douglas Jefferson, Tufts University School of Medicine, Department of Physiology, Boston, MA 02111. FAX: 617-636-4233. Email: douglas.jefferson@es.nemc.org.

POSTDOCTORAL POSITION

Department of NEUROBIOLOGY

The Scripps Research Institute

La Jolla, California

Applications are invited for an immediate position of POSTDOCTORAL FELLOW to study mechanisms of neuron-glia interactions and the modification of synaptic signaling. Experience in immunocytochemistry and neuronal physiology is desired. Please submit curriculum vitae including a statement of research experience/interests and arrange for letters of reference to be sent to: Dr. DePaoli-Roach, The Scripps Research Institute, Department of Neurobiology, 10666 North Torrey Pines Road, SBR-14, La Jolla, CA 92037. The Scripps Research Institute is an Affirmative Action/Equal Opportunity Employer.
U.S. EPA Office of Research and Development
Biologically-Based Dose Response Models for Developmental Toxicity

Request for Proposals

The U.S. EPA Environmental Protection Agency Office of Health and Environmental Assessment (OHEA) and Health Effects Research Laboratory (HERL) is issuing PROPOSALS FOR FINANCIAL ASSISTANCE BY COOPERATIVE AGREEMENTS with non-profit or not-for-profit research organizations for research on biologically-based dose-response modelling for developmental toxicity. Such agreements require a minimum of $300,000 per year or $1,000,000 total for the contract's duration (1-3 years). Any organization involved in these activities is anticipated (e.g., joint planning and conduct of most tasks and co-authored publications).

The primary goal of the project is to conduct research aimed at understanding the fundamental mechanisms of abnormal development and developing mathematical models of mechanism-based dose-response relationships in conjunction with EPA bio-modelers and researchers. Potential focal areas include: (1) segmentation defects (2) neural tube and kidney anomalies; (3) second/third trimester effects; (4) messenger perturbations. Proposals may address one or more of these areas, or entirely independent and novel areas. Proposals addressing concentration-time (CtX) relationships will be given priority for funding.

Proposals will be evaluated by expert review panels. The review will be based on the proposer’s experience with similar research activities, qualifications of the proposed staff and their understanding of appropriate research approaches and technologies, the relevance to the mission of OHEA, and the cooperative nature of the proposed working arrangement with EPA staff. The applicant’s proposed budget will also be considered in the selection process. EPA's yearly share of the resources for the research area is expected to be $170,000 for each of 3 years, and anticipates making one or two awards.

ONLY STATE AND LOCAL GOVERNMENTS, NONPROFIT RESEARCH INSTITUTIONS OF HIGHER EDUCATION, INDIVIDUALS, OR NON-FOR-PROFIT RESEARCH ORGANIZATIONS THAT ARE ELIGIBLE TO RECEIVE FEDERAL ASSISTANCE UNDER THE FOLLOWING ACT SHOULD APPLY: Statute authority for this cooperative agreement is found in the Clean Air Act, 42 U.S.C. §7401(94) (2). Interested applicants are invited to submit proposals to receive Federal Assistance under the Code of Federal Regulations (CFR) Part 30 General Regulations for Assistance Programs, and Part 40-Research and Demonstration Grants. The government reserves the right to not make awards in the research area described in this solicitation. Additional technical instructions and appropriate application materials will be provided upon request. Technical instructions for preparation of proposals and proposals should be obtained from: Barbara Blackwell, Health Effects Research Laboratory (MD-51), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711, Tel 919-541-2886; Fax 919-541-4324. Responses to this advertisement must be received by March 31, 1995. Responses should be sent to Barbara Blackwell, Health Effects Laboratory (MD-51), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711.
POSITONs OPEN

POSTDOCTORAL POSITIONS
Two POSTDOCTORAL POSITIONS are available immediately at the Dana-Farber Cancer Institute. The project involves the generation and evaluation of DNA vaccines to prevent retroviral infection and disease. We are seeking an immunologist with special expertise in evaluating cytotoxic T-cell responses. For the second position, we are seeking a molecular biologist with expertise in studying gene expression systems. Send curriculum vitae and a background in cancer research is preferred. Please send curriculum vitae to: Dr. Ruth M. Ruprecht, Chief, Laboratory of Viral Pathogenesis, Dana-Farber Cancer Institute, 44 Binney Street, Boston, MA 02115. Dana-Farber Cancer Institute is an affiliate of Harvard Medical School, an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

POSTDOCTORAL RESEARCH ASSOCIATE
NEUROSCIENCE
A POSTDOCTORATE or RESEARCH ASSOCIATE position is available in the Neuroscience Program at the Loeb Resource Institute of the Ottawa Civic Hospital, a University of Ottawa affiliate, to participate in peer-reviewed and funded studies of neurotransmitter and peptide receptors, ligand- and voltage-activated conductance- and second messenger mechanisms in mammalian CNS neurons. The project involves both electrophysiological and biochemical techniques. The Program comprises nine PIs with expertise in molecular and cellular neurobiology applied to excitotoxic neurotransmission, molecular and developmental mechanisms, gene regulation, ion channel function, post-ischemic neuronal function and survival. Requires: M.D. and/or Ph.D. degree minimum. Experience with postdoctoral research experience with electrophysiology and neuromodulation in slice and/or explant preparations; demonstrated ability and productivity (authorship on peer-reviewed publications) with current, voltage- and patch clamp techniques, data analysis and anatomical marking methods. Position is tenable for a minimum of three years, and involves teaching and lab supervision. Salary and benefits commensurate with experience. In accordance with Canadian immigration regulations, this advertisement is directed first, but not solely, to Canadian citizens and permanent residents.

Send curriculum vitae with addresses of three references and a statement of goals/interests/experience by March 31, 1995, to: Dr. Leo Renaud, Director, Neurology/Neurosciences, Ottawa Civic Hospital and Loeb Research Institute, 1053 Carling Avenue, Ottawa, Ontario, K1Y 4E9 Canada.

POSTDOCTORAL POSITION available immediately to study the structure and function of ribosomal RNA using an oligonucleotide analog approach (Poruchik and Neidhardt, Proc. Natl. Acad. Sci. USA 91: 659, 1994). Ribosomal RNA oligonucleotide analogs are small RNA constructs, derived from functionally implicated subdomains of 16S and 23S rRNA. They participate in significant interactions with antibiotic, m RNA, and tRNA ligands. Send curriculum vitae and letters of reference to: Dr. Seth Stern, Program in Molecular Medicine, UMASS Medical Center, 573 Plantation Street, Worcester, MA 01605. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS
GENE TRANSFER
POSTDOCTORAL POSITIONS are available to study gene transfer and expression in vivo and in vitro (CNS and lung). A Ph.D. and relevant experience is required. An interest in viral vectors (AAV, adenovirus) and experience with vector delivery to the CNS is desired. Submit curriculum vitae including the names of three references to: Dr. Philip R. Johnson or Dr. Warren Lo, Children's Hospital Research Foundation, 4800 Children's Drive, Columbus, OH 43205. FAX: 614-722-2716.

POSTDOCTORAL POSITION in the pharmacology of natural products to conduct physical organic chemistry research in the development of new radiopharmaceuticals for PET and SPECT imaging. Position requires a Ph.D. in pharmacology or a closely related area. Experience in NMR, mass spectrometry, and HPLC is highly desirable. Send curriculum vitae to: Dr. Hank F. Kung, Departments of Radiology and Pharmacology, University of Pennsylvania, Room 305, 3700 Market Street, Philadelphia, PA 19104. Email: knghf@sumac.spect.upenn.edu.

POSTDOCTORAL RESEARCH POSITIONS
Program for Cellular and Molecular Mechanisms in Animal Disease
An immediate opportunity for an individual to participate in a research program focused on the interaction of bacterial toxins with host cells and tissue. Candidates must have a Ph.D. in Microbiology, Molecular Biology or a related field, research experience in the molecular biology of bacteria, and effective communication and interpersonal skills. Experience in gene expression is desirable, particularly if it involved transported microbial proteins. Send curriculum vitae, transcripts, three letters of reference, and curriculum vitae for a recent interest and a reprint or preprint of most significant paper to: Dr. David H. Francis, Department of Veterinary Science, P.O. Box 5000, South University, Brookings, SD 57007-1396. Telephone: 605-688-6531; TT/Voice: 605-688-4394. Deadline: March 1, 1995, or until filled. An Affirmative Action/Equal Employment Opportunity Employer/ADAA Reasonable Accommodations.

POSTDOCTORAL POSITION
in gene expression to study transcription factor regulation of Drosophila muscle genes in transgenic flies (see Dev. Biol., 159:131, 1993). Experience in recombinant DNA technology is required and experience in Drosophila genetics is desirable. Position is available immediately. Applicants must have a Ph.D. Send curriculum vitae and names of three references to: Dr. Robert V. Storti, Department of Biochemistry, University of Illinois College of Medicine, 1853 West Polk Street, Chicago, IL 60612. University of Illinois at Chicago is an Affirmative Action/Equal Employment Opportunity Employer.

POSTDOCTORAL POSITION
at the University of California, Berkeley
POSTDOCTORAL RESEARCH APPOINTMENTS are occasionally available with individual faculty members in the School of Public Health and the University of California at Berkeley. Appointments are normally made for a year, but with the possibility of renewal for a second year. Highly qualified individuals are invited to apply. Positions are open to candidates with significant experience in a wide variety of research areas. Areas of emphasis include, but are not limited to, environmental health sciences, infectious diseases, public health policy, and nutrition. Applicants should have a Ph.D. and are encouraged to submit curriculum vitae and names of three references to: Dr. John V. Moore, Chair, Departments of Biochemistry and Microbiology, University of California, 9500 University Ave., La Jolla, CA 92037. The Scripps Institution of Oceanography at the University of California is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS
in neuroimmunology and cytochemistry
at the Albert Einstein College of Medicine, Bronx, New York
POSTDOCTORAL POSITIONS are available immediately to study the flagellum and flagellar basal bodies. The project focuses on the regulation of flagellar movement by the flagellar motor. Applicants should have a Ph.D. and experience in molecular biology, genetics, and physiology, and a strong interest in research involving the motor. For more information, please contact: Dr. John G. Johnson, Department of Cell Biology and Molecular Genetics, Albert Einstein College of Medicine, 1300 Morris Park Avenue, Bronx, NY 10461. An Equal Opportunity Employer.

POSTDOCTORAL POSITION
at University of California, San Francisco
POSTDOCTORAL POSITION available immediately to study signal transduction in macrophages infected with Trypanosoma cruzi. The project focuses on the role of protein tyrosine kinases and phosphatases in the regulation of the actin-cytoskeleton. Applicants should have a Ph.D. and experience in signal transduction, enzyme purification, and/or cell biology. The position is available immediately. For more information, please contact: Dr. Jan Ullberg, Department of Microbiology, University of California, San Francisco, CA 94143-0868. UCSC is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS
available at the Horlom Institute of the University of Minnesota, Austin, Minnesota, to study the effects of alcohol on signal transduction across cell membranes. The work will focus on the structure, function, and cellular regulation of phosphatidylinositol-specific phospholipase C. The candidate must have a Ph.D. and experience in cell culture, protein purification, and molecular biology. Send curriculum vitae and names of three references to: Dr. Zoltan Kiss, The University of Minnesota, 807 10th Avenue, NE, Austin, MN 55121. The University of Minnesota is an Equal Opportunity Employer and Educator.

POSTDOCTORAL POSITION
Available June 1995
Two POSTDOCTORAL RESEARCH POSITIONS are available at the Horlom Institute of the University of Minnesota, Austin, Minnesota, to study the effects of alcohol on signal transduction across cell membranes. The work will focus on the structure, function, and cellular regulation of phosphatidylinositol-specific phospholipase C. The candidate must have a Ph.D. and experience in cell culture, protein purification, and molecular biology. Send curriculum vitae and names of three references to: Dr. Zoltan Kiss, The University of Minnesota, 807 10th Avenue, NE, Austin, MN 55121. The University of Minnesota is an Equal Opportunity Employer and Educator.
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Applications accepted on a continuous basis throughout the year. Those postmarked by April 15 will be reviewed in June, and by August 15 in October.

For application materials and information on participating laboratories contact:

The National Research Council
The Associateship Programs (TJ-2084/SB)
2101 Constitution Avenue, NW
Washington, DC 20418
FAX: (202) 334-2759

Qualified applicants will be reviewed without regard to race, creed, color, age, sex or national origin.

PENN STATE
"Chromosomal Controls of Gene Expression"
Penn State's 14th Summer Symposium in Molecular Biology August 3-5, 1995

A conference examining the roles of chromatin in gene regulation, organized by Andrew Buchman, David Gilmour, Robert Simpson, and Jerry Workman, faculty of Biochemistry and Molecular Biology at Penn State.

Thomas J. Watson, Jr. Keynote Lecture in Molecular Biology
Gary Felsenfeld NIH

Sessions

I. Control of Transcription
Peter Becker EMBL, Germany
David Gilmour Penn State
James Kadonaga UC SD
Roger Kornberg Stanford
Robert Roeder Rockefeller U

II. Modifiers of Chromatin Function
Andrew Buchman Penn State
Marian Carlson Columbia Univ
Martin Corovsky Univ Rochester
Robert Kingston Mass Gen Hosp
Craig Peterson Univ Mass

III. DNA Replication and Developmental Controls
Trevor Archer U West Ont
John Diffley ICRF, England
Beverly Emerson Seoul Inst
Bruce Stillman Cold Spr Harbor
Alan Wolfe NIH

Jay Chung NIH
Michael Grunstein UCLA
Steve Henkoff Hutchinson Ctr
Paul Schedl Princeton Univ
Robert Simpson Penn State

ENDOWED CHAIR
SKELETAL MOLECULAR BIOLOGIST
Orthopaedic Research Laboratories
Department of Orthopaedic Surgery
University Of California at Davis

The Department of Orthopaedic Surgery at the University of California at Davis is seeking a cell/molecular biologist with a strong background in skeletal tissues, especially bone. The successful candidate will become the first recipient of the Lawrence J. Ellison Chair of Musculoskeletal Molecular Biology. Academic rank will be at Associate or Full Professor, commensurate with credentials.

Qualifications include a doctoral degree in a pertinent discipline, an outstanding record of accomplishment in cell and molecular biology with special emphasis on skeletal tissues, and excellence in teaching and administration of research projects. Candidates must have demonstrated the ability to pursue scientific questions in skeletal cell biology using advanced molecular techniques. The establishment of this position is predicated on an organized effort within our laboratory to address problems related to the ability of skeletal tissues to adapt to mechanical loading and repair damage. The successful candidate is expected to become part of an inter-disciplinary team of investigators with expertise in biomechanical engineering, bone remodeling, and bone pathobiology.

Send letter of interest, curriculum vitae, and names and addresses of five references to R. Bruce Martin, Ph.D., University of California, Davis, Orthopaedic Research Laboratories, Research Facility, Room 2000, 4815 Second Ave., Sacramento, CA 95817.

The position is open until filled; but to assure full consideration, applications should be received no later than September 30, 1995. The University of California is an Affirmative Action/Equal Opportunity Employer.
Nominations and applications are being sought to fill the position of Director of the National Cancer Institute (NCI). The NCI conducts, supports, and manages innovative and comprehensive cancer research, treatment, prevention and control programs that are national and international in scope. The NCI has a staff of over 2,300 and a budget in excess of $2.1 billion.

The Director of the NCI has a major influence on the direction and quality of cancer research in the United States. The Director coordinates all of the activities of the NIH relating to the National Cancer Program. He or she develops a National Cancer Plan and coordinates its implementation; directs and coordinates NCI's programs and activities; and develops and provides policy guidance and staff direction to the Institute's programs, including program coordination, planning, clinical care, and administrative management.

The Director of the NCI is a Presidential appointee and is responsible for keeping the Director of the NIH, the National Cancer Advisory Board, and the President's Cancer Panel informed of the status and progress in meeting objectives of the national and international efforts to conquer cancer. The Director of the NCI also serves as a senior member of the staff of the Director of the NIH, providing guidance and advice on matters relating to the general policies and research directions of the NIH.

The Director must hold an M.D., Ph.D., or equivalent degree, and have an international reputation for his or her scientific accomplishments and leadership in originating and directing board programs of fundamental and/or clinical research in cancer or a closely related field. The Director can direct his or her own basic or clinical research laboratory at the NIH.

Several options are available for appointment, and salary is negotiable within limits established by law.

Nominations must be received by February 17, 1995. If possible detailed curriculum vitae should be submitted with nominations.

Applications must be received by February 24, 1995. Applications should consist of a detailed curriculum vitae, including a complete bibliography.

Send nominations and applications to:

Stephen C. Benowitz, Director of Human Resources
National Institutes of Health, Building 1, Room B1-60
1 Center Dr MSC 0126, BETHESDA MARYLAND 20892-0126

If you wish to send a nomination or application by facsimile, the number is (301) 402-0345. For additional information, contact Mr. Benowitz at (301) 496-3592.

Nominations and applications are welcomed from women, minorities and persons with disabilities.

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**Exploratory Drug Discovery**

Pfizer Central Research in Groton, CT has immediate opportunities for creative scientists in its two Exploratory Lead Discovery groups.

**Research Scientists** These two scientists will develop and run a variety of high throughput assays and pursue leads in second messenger and other functional systems. Each will supervise 2-3 assistants and work closely with chemists and biologists throughout Pfizer Discovery. One position requires a Ph.D., and postdoctoral experience in enzymology or molecular pharmacology, with expertise in enzyme assays and functional follow-up systems. The second position requires a Ph.D., and postdoctoral experience in biochemistry or molecular pharmacology, with expertise in receptor binding assays, cell biology, and the maintenance and use of mammalian expression systems in molecular pharmacology. In both cases chemical literacy would be valuable, and experience with high-throughput assays is desirable but not essential.

**Research Associates** We have openings for several B.S./M.S. scientists who should have degrees in biochemistry or cell biology and experience with a wide variety of in vitro assay methods, such as enzyme, radioligand binding, second messenger, and functional cell construct assays. We seek creative, professional scientists who will work independently and interact with a wide variety of colleagues.

Please submit resume suitable for electronic scanning, i.e. eliminate italics, bullets, bolds, underlines and footnotes; laser printed preferred. Send to: Employee Resources, AD 1004, Pfizer Inc, Central Research Division, Eastern Point Road, Groton, CT 06340.

We are an equal opportunity employer M/F/D/V.
Sanofi Winthrop, a French-based pharmaceutical firm, is expanding its research facilities in the U.S. We currently have opportunity available at our suburban Philadelphia facility for an individual with enhanced problem solving and creative solution skills and the ability to plan, analyze and re-evaluate.

Toxicology/Pathology Associate Research Director

Manage the Safety and Experimental Toxicology Section to assure the scientific quality and regulatory acceptance of all safety studies for the advancement of new compounds through IND and NDA status. Responsibilities will include serving as toxicology representative on development project teams, overseeing study directors for nonclinical laboratory studies and monitoring quality of safety study contract laboratories.

Requirements include a DVM or PhD in Toxicology, Pharmacology or a related field with experience in Toxicology and experience in at least two other areas. Candidate must have demonstrated ability in developing novel approaches to scientific investigation, the knowledge to deal with dissimilar functions and laboratory approaches and the ability to supervise investigators.

At Sanofi Winthrop, you'll enjoy a highly competitive salary and benefits package. For confidential consideration, forward your resume and salary requirements to: Human Resources, Sanofi Winthrop, 1283 S. Collegeville Road, Position V-035-94, P.O. Box 5000, Collegeville, PA 19426-0900, Equal Opportunity Employer, M/F/D/V.

CDC

CDC in Atlanta, Georgia, invites applications for the following position:

Director, Health Effects Laboratory Division (HELD), National Institute for Occupational Safety and Health (NIOSH)

The Director, HELD, provides leadership in developing and executing a national laboratory and program on the causes and prevention of occupational disease. HELD is a newly established research division to be housed in a new, state-of-the-art laboratory building in Morgantown, West Virginia. It will be staffed with 220 employees in such disciplines as molecular biology, pathology, engineering, chemistry, statistics, industrial hygiene, research physiology, medicine, and epidemiology. The positions of HELD include using the most advanced laboratory-based techniques available to investigate the fundamental mechanisms of occupational diseases, improving existing programs for scientific investigation of worker populations; developing intervention programs to prevent disease and death in the workplace; and providing the flexibility for future changes in research goals and needs.

Qualifications include in-depth knowledge of occupational safety and health programs, broad knowledge of public health programs related to disease prevention, and proven ability to provide administrative and scientific leadership for a multidisciplinary health program. M.D. or Ph.D. preferred. This Senior Executive Service position is in the career civil service with an annual basic salary range of $92,900 to $115,700. Public Health Service Commissioned Corps Officers are also eligible to apply. Physicians may be eligible for a comparability allowance of up to $20,000 per year. Interested applicants may send their curriculum vitae and names of three professional references postmarked by March 15, 1995, to Nancy Peterson, Human Resources Management Office, Mailstop D01, Centers for Disease Control and Prevention, 1600 Clifton Road, N.E., Atlanta GA 30333. Tel. (404) 639-3614. CDC is an Equal Opportunity Employer and provides a smoke-free work environment.
FEFEDATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY
Life Sciences Research Office
Director
The Federation of American Societies for Experimental Biology (FASEB) invites nominations and applications for the position of Director of its Life Sciences Research Office (LSRO). Reporting to the FASEB Executive Director, the LSRO Director provides administrative oversight and coordination for all activities of LSRO. These activities include solicitation of funding and development of responses to proposal requests; selection of expert panels and staff support for panel deliberations; drafting of interim and final reports; and, publication of completed studies in scientific journals or as monographs. In particular, the Director ensures that scientific liaison is maintained with public agencies, private and corporate sponsors, groups with research programs in biomedical and life sciences, and institutions of higher learning. The Director also serves as project leader for selected projects when expertise is appropriate.

Founded in 1962, the Life Sciences Research Office draws on the expertise of the members of FASEB’s Member Societies to provide expert evaluation of timely and important scientific issues through review by qualified scientists. Sponsors of LSRO studies have included government agencies, private foundations and corporate sponsors. The office is currently staffed by 15 scientists and other professionals.

Candidates for this position are to have a doctoral degree in a biomedical or life sciences, a record of productive scholarship, demonstrated ability to work effectively with sponsor agencies, and experience providing direction and coordination for a research team managing diverse projects.

Applications and nominations should be submitted to:

FASEB
Office of Human Resources
9650 Rockville Pike
Bethesda, MD 20814-3998

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POSTDOCTORAL POSITIONS
National Institute of Allergy
and Infectious Diseases

National Institutes of Health
Announcement No. : PA-14

Postdoctoral Positions are available to study antigen processing/MHC recognition and NK recognition; structure/function of integrins; γδ T cells; and transcription factors of immune relevance. Applicants must have less than three years of postdoctoral experience. Salary range $25,000 to $30,000, depending on experience.

Qualified and interested candidates should send curriculum vitae and names and addresses of three (3) references to:

John E. Coligan, Ph.D.  
Chief, Laboratory of Molecular Structure  
National Institute of Allergy and Infectious Diseases  
National Institutes of Health  
Twinbrook II  
12441 Parklawn Drive, Room 103  
Rockville, MD 20852-1727

(301) 496-3213 phone  
(301) 402-0284 fax

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CELL BIOLOGY FACULTY POSITIONS

The Cell Biology and Anatomy Department of the Mount Sinai School of Medicine continues to expand and is seeking an individual at the Associate or Full Professor level. We will also consider an exceptional individual for appointment at the Assistant Professor level. We are especially interested in investigators studying intracellular protein translocation, vesicular transport, and membrane and organelle assembly, by molecular and genetic techniques. Newly renovated laboratories and extensive research support facilities are available. PhD’s with demonstrated productivity and grant support should send a C.V., one-page summary of research plans, and recent publications to: Dr. Paul B. Lazarow, Chairman, Cell Biology and Anatomy, Box 1007, Mount Sinai School of Medicine, One Gustave L. Levy Place, New York, NY 10029-6574. Please ask three individuals to send reference letters, and indicate their names and phone numbers. An Equal Opportunity Employer; women and minorities are encouraged to apply.

The Mount Sinai Medical Center of New York
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American Association for the Advancement of Science
PLENARY LECTURES

6:30-7:30 PM
Keynote Lecture
THURSDAY, FEBRUARY 16
Bruce Babbit, U.S. Secretary of the Interior

FRIDAY, FEBRUARY 17
Edward O. Wilson, Harvard Univ
Unity in Biodiversity

SATURDAY, FEBRUARY 18
President's Lecture:
Francisco J. Ayala, Univ of California-Irvine
The Myth of Eve: Molecular Biology and Human Origins

SUNDAY, FEBRUARY 19TH
Daniel S. Goldin, National Aeronautics and Space Administration

MONDAY, FEBRUARY 20
Wallace S. Broecker, Lamont-Doherty Earth Observatory
Abrupt Climate Change: Is One Hiding in the Greenhouse?

TOPICAL LECTURES

1:00-2:00 PM
FRIDAY, FEBRUARY 17, 1995
Integrated Ecological Economic Modeling and Adaptive Management of Complex Systems
Robert Costanza, Maryland Inst for Ecological Economics

The Engineer’s Role in Sustainable Development
Henry J. Hatch, Law Companies Group, Inc.

The Chemical and Biological Weapons Conventions
Matt Meselson, Harvard Univ

Sarton Lecture: Darwinism Comes to America: A Reappraisal of Scientific Responses
Ronald L. Numbers, Univ of Wisconsin-Madison

The Science & Technology Component of the 4th World Conference on Women
Gertrude Mongella, Secretary General, 4th World Conference on Women

SATURDAY, FEBRUARY 18, 1995
Neutrons: Probing the Structures and Dynamics of Complex Materials
Robert J. Birgeneau, Massachusetts Inst of Tech

The Impact of Recombinant DNA on Agriculture and Society
George Brown, U.S. Congress

The Loss of Linguistic Diversity, Its Cost for Linguistic Science
Kenneth Hale, Massachusetts Inst of Tech

SUNDAY, FEBRUARY 19, 1995
Education Reform
Bruce Alberts, Natl Academy of Sciences

New Directions in Engineering Education
Eleanor Baum, The Cooper Union

Human Genome Diversity: Science and Ethics
L.L. Cavalli-Sforza, Stanford Univ

Cryptanalysis in World War II - Working with Alan Turing
Peter Hilton, SUNY-Binghamton

High Resolution Astronomy: Seeing the Unseen
Harold A. McAlister, Georgia State Univ

Overview of the U.S. Fusion Program
Marshall Rosenbluth, Univ of California-San Diego

1995 McGovern Award Lecture in the Behavioral Sciences
Robert Wurtz, Natl Eye Inst

MONDAY, FEBRUARY 20, 1995
Benefits of Long-Term R&D to Industry and National Well-Being
Mary Good, U.S. Dept of Commerce

How Much Land Can Ten Billion People Spare for Nature?
Paul Waggoner, Conn Agricultural Exp Station

Telemedicine — A New Health Care Delivery System
Jay Sanders, Medical College of Georgia

The Changing Patterns of Oral Disease
Harald Loe, Natl Inst of Dental Research

Science and People of Color
Walter Massey, Univ of California

Can Integrated Assessment Link Science and Policy for a Sustainable Future?
Robert S. Turner, Oak Ridge Natl Lab

The Case of Orangutans and Other Great Apes
Terry Maple, Zoo Atlanta

TUESDAY, FEBRUARY 21, 1995
Precision Farming: The Next Revolution in Agricultural Management?
Pierre C. Robert, Univ of Minnesota

Pheromones
Ring Carde, Univ of Massachusetts

Science Innovation
Douglas C. Wallace, Emory Univ Schl of Med

Science, the New Frontier: A Design for the Future
Harvey Brooks, Harvard Univ

Mathematics Education
Uri Treisman, Univ of Texas-Austin and Robert Moses, The Algebra Project

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Dover Publications, Inc.
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Monday, February 20, 1995  10:00 AM – 3:00 PM

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*Special = Postdoctoral, K-12 Teacher, Retired.
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[2] Membership dues indicated herein are at the 1994 rates. Although dues increased on January 1, 1995, the 1994 rates are guaranteed through 21 February 1995 for registrants of the Annual Meeting; $50 of dues plus international postage are allocated to *Science*. Please allow 4-6 weeks for receipt of your first issue of *Science*. Canadian rate includes GST #125488122.

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[4] Checks must be in United States currency and must be payable on a U.S. bank.
POSTDOCTORAL POSITIONS (IPNS DIVISION)

Argonne National Laboratory, one of the nation's premier scientific research and development organizations, located 20 miles southwest of Chicago, is now looking to immediately fill 3 postdoctoral positions in its Intense Pulsed Neutron Source (IPNS) Division. Candidates must have received their Ph.D. not more than 3 years prior to the beginning of the appointment in a discipline such as biophysics or biochemistry for Postdoc 1; physics, chemistry, metallurgy or materials science for Postdoc 2; and for Postdoc 3 chemistry or materials science.

Structural Biology Research — conduct research on protein complexes by using small angle neutron scattering. Highly desirable is experience in SANS or SAXS applications, competence in software development for modeling, knowledge in protein crystallography and practical experience in biochemical sample preparation. Reply to Box IPNS-Postdoc 1-55.

Development of Neutron Diffraction Techniques for Industrial Applications — position requires experience in x-ray or neutron scattering, preferably including familiarity with powder diffraction, numerical modeling and the Rietveld method. Background in metallurgy or materials engineering is desirable. Reply to Box IPNS-Postdoc 2-55.

Neutron Spectroscopy and Molecular Dynamics Simulation of Molecular Sieve Materials — position requires experience in small angle scattering/spectroscopy, preferably using neutrons. A background in molecular sieve compounds is desirable. Experience in the area of computer simulation would be helpful. Reply to Box IPNS-Postdoc 3-55.

Applications from candidates who can contribute to our EEO/Affirmative Action goals are welcome. Resumes, three letters of recommendation and possible statement of research interests and copies of selected publications should be forwarded to: Walter D. McFall, (insert appropriate box number), Employment and Placement, Argonne National Laboratory, 9700 S. Cass Avenue, Argonne, IL 60439. Telecommunications Device for the Deaf (708) 252-7722. Argonne is an equal opportunity/affirmative action employer.

DIRECTOR OF COMPUTER SCIENCE

The University of Georgia Complex Carbohydrate Research Center (CCRC) seeks a director of computer science to further develop a research program advancing the use of computers in carbohydrate science. The CCRC is a growing 110-member research center with more than 60 computer users, including more than 30 who utilize the Pulsed Neutron Source for high-molecular weight carbohydrate analysis. Applications are invited from Ph.D. candidates with expertise in computer hardware and software and strong interest in the use of high-performance computing in the study of complex carbohydrates. The successful candidate will have experience in high-performance computing, be knowledgeable about high speed networking, computer architecture, and computer science. The director will be expected to develop a computer science group to support ongoing projects and develop a program of research activity in computer science. The director will also be responsible for the development of user-oriented computer applications. A Ph.D. degree or equivalent experience is required, and salary is commensurate with qualifications. Application review begins on March 1, 1995, and will continue until position is filled. Apply to Drs. Peter Albersheim and Alan Darvill, Directors, CCRC, UGA, 220 Riverbend Road, Athens, GA 30602-4712. An AA/EEO institution.

MOLECULAR IMMUNOLOGY

JUNIOR OR SENIOR FACULTY POSITION AVAILABLE

The Department of Microbiology and Immunology invites applications for a junior or senior level, tenure-track position for an immunologist whose research interests are directed to molecular and/or cellular analyses of contemporary problems in immunology. Senior candidates should have strong records of research accomplishment with sustained program growth and development. Junior candidates will be expected to develop high quality, extramurally funded independent research programs with long-term growth potential. Teaching responsibilities, which emphasize quality rather than quantity, include medical, dental and graduate students. The Department offers a highly competitive, interactive intellectual environment with 80% of the faculty holding active extramural research grants.

A large Center of Excellence grant has resulted in establishment of a Molecular Resource Center within the Department featuring state-of-the-art facilities for oligonucleotide synthesis, peptide synthesis, monoclonal antibody production, amino acid analysis, DNA sequencing, molecular graphics, and flow cytometry. Funds for the initiation of research programs will be available and salaries will be highly competitive.

Review of applications will continue until the position is filled. Applications should consist of a curriculum vita, copies of several recent publications, a brief statement of future research goals and three letters of reference to be sent to: Dr. Terrence G. Cooper, Department of Microbiology and Immunology, The University of Tennessee, Memphis 38163 858 Madison Avenue, Room 801 Memphis, Tennessee 38163

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“Cell Signaling and the Cytoskeleton”

September 15-18, 1995

Sponsored By: W. Alton Jones Cell Science Center, Inc.

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Topics include: Cell attachment and signaling; cytoskeletal association of signaling molecules; regulation of cytoskeletal filaments; targeting of phosphatases; association of kinases and their targets with the cytoskeleton.

SPEAKERS

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J. Downward
D. Bar-Sagi
K.L. Gould
A. Ben-Ze’ev
A. Hall
L.Y.W. Bourguignon
C.-H. Heldin
D.L. Brautigan
S. Jaken
D.S. Coffey
D.M. Lublin
P.T.W. Cohen
M. Mumby
C.P. Downes
J.T. Parsons

REGISTRATION FORMS MAY BE OBTAINED FROM: The Organizing Committee, W. Alton Jones Cell Science Center, 10 Old Barn Road Lake Placid, NY 12946 Tel: (518) 523-1252 • Fax (518) 523-1849
Assistant Professor specializing in Mammalian Ecology. Teach and conduct research in mammalian ecology, such as conservation ecology, disease ecology, ecological genetics, population ecology, functional ecology, behavioral ecology, or related field. Apply to: Tom Cerco, Wildlife, Fish, and Conservation Biology. Open until filled: to ensure consideration applications should be received by 4/15/95.

Assistant Professor specializing in Tropospheric Chemistry. Teach and conduct research in the area of tropospheric chemistry including the investigation of the primary biogeochemical cycles and processes, including those of land, air, and water. Consideration date not yet determined.

Assistant Professor specializing in Soil Biogeochemistry. Teach and conduct research on the processes of biogeochemical cycling of nutrients and chemicals in agricultural and native soil ecosystems and the impacts of these processes on ecosystem sustainability. Apply to: Randy A. Dabney, Dept. of Land, Air, and Water Resources. Consideration date not yet determined.

Assistant Professor specializing in Conservation Biology. Teach and conduct research in policy related to the conservation of biological resources. Possible topics include the management of common property resources, the role of marine protected areas, and consideration of policy options for dealing with the impacts of human activities on natural populations. Consideration date not yet determined.

Assistant Professor specializing in Landscape Architecture. Position requires specialist to conduct research in landscape ecological theory, planning, design and management methods, with emphasis on design programs for large scale landscape restoration planning, environmental mitigation design, riparian systems planning, wildlife habitat design, or natural systems/landscape conservation focus. Apply to: Robert L. Thayer, Dept. of Environmental Design-Landscape Architecture. Open until filled: to ensure consideration applications should be received by 3/15/95.

Assistant Professor specializing in Nutrition. Doctorate required in nutrition or a closely related field. The individual must be a Registered Dietitian with the ADA. The individual will assume responsibilities for directing the didactic program in dietetics; instruction of diet therapy courses; participate in academic advising of undergraduate and graduate students; and perform independent research in human nutrition. Apply to: J. Stern, Dept. of Nutrition. Consideration date not yet determined.

Assistant Professor specializing in Quantitative Ecology. Responsibilities include research, on the study and application of ecological principles and processes to enhance natural resource use and environmental compatibility in agricultural systems. Consideration date not yet determined.

Assistant Professor specializing in Biochemical Engineering. This position pertains to development of equipment and processes which integrate engineering and biology at a biotechnological level or cellular level. A new engineering graduate course, most likely related to tissue culture or biotechnology, will be developed by this person. Apply to: Dept. of Biological and Agricultural Engineering. Consideration date not yet determined.

Assistant Professor specializing in Nematode Taxonomy/Systemsatics. The individual will contribute fundamentally to the center of excellence in biosystematics, phylogenetics, evolution and biodiversity that is evolving on the UC Davis campus. The appointee will conduct research on the taxonomy and morphology of nematodes found in freshwater, marine, or soil habitats, including the parasites of plants or animals. The appointee will provide teaching expertise at the graduate level in the areas of biosystematics, phylogeny and evolution. Apply to: Dept. of Nematology. Consideration date not yet determined.

Assistant Professor specializing in Plant Systematics. Teach at undergraduate and graduate levels. Develop a research program that specializes in the systematics, evolution and taxonomic relationships of horticultural crop species. Applicants should have a Ph.D. in Plant Biology, Botany or the equivalent with training and emphasis on taxonomy, systematics and evolution. Apply to: Systematics Search Committee, Dept. of Botany. Consideration date not yet determined.

Assistant Professor specializing in Food Chemistry. Teach in areas of food chemistry and technology. Develop research in analytical/separation methods for food component and toxic substance isolation. Prefer candidate with expertise in analytical chemistry combined with training or experience in oxidants/antioxidants chemistry. Apply to: Erica Barrett, Dept. of Food Science and Technology. Open until filled: to ensure consideration applications should be received by 6/1/95.

Assistant Associate Professor specializing in Chemistry. Research emphasis will be in development of novel and improved analytical techniques for important toxicants in air, water, soil and biota. The successful candidate will teach undergraduate and graduate environmental chemistry courses. A Ph.D. in Chemistry, Agricultural Chemistry or a related field. Apply to: Analytical Chemist Search Committee, Dept. of Environmental Toxicology. Open until filled: to ensure consideration applications should be received by 5/1/95.

Assistant Professor specializing in Agronomy. The candidate is expected to develop a comprehensive modern genetics program that emphasizes either molecular or quantitative genetics research. A breadth of effort focusing on the development of wheat cultivars adapted to the diverse growing regions of California will be an integral component of the research program. Funding to support the breeding program is potentially available from the California Wheat Commission and the California Crop Improvement Association. The appointee will be expected to participate in the training of genetics graduate students. Apply to: Larry R. Teuber, Dept. of Agronomy & Range Science. Open until filled: to ensure consideration applications should be received by 5/30/95.

Assistant Associate Professor/Assistant Entomologist, and Director Mosquito Control Research Laboratory. The candidate will be required to present formal courses in areas related to specialization and contribute to departmental teaching program. The candidate will develop a research program on innovative approaches for understanding and controlling mosquito populations as related to medical entomology and public health. Apply to: Robert K. Washino, Dept. of Entomology. Open until filled: to ensure consideration applications should be received by 5/30/95.

Assistant Professor specializing in Biochemical Genetics. Conduct research on plant biochemistry and/or biochemical genetics with relevance to agricultural plant production, utilization of quality. Teach undergraduate and/or graduate courses in related topics. Apply to: Richard Michelmore, Dept. of Vegetable Crops. Consideration date not yet determined.

Assistant Professor specializing in Botany/Weed Ecophysiology. Teach an undergraduate course in herbicide physiology. The emphasis would be on relationships between plant ecophysiology and herbicide action, selectively, how these processes are modified by environmental conditions, and environmental fate of herbicides. There will be opportunity to develop a course along the candidate’s areas of specialization. The area of training of graduate students in the area will also be expected. Conduct research on ecophysics of weeds and crops, including interactions with herbicides. Apply to: Dave Bayer, Dept. of Vegetable Crops. Consideration date not yet determined.

Assistant Professor specializing in Bioenvironmental Engineering (11-month tenure-track position). The candidate will be expected to assist with departmental undergraduate and graduate teaching programs, and develop a research program dealing with problems associated with the production, collection, treatment and utilization of wastes generated by production agriculture with emphasis on animal production systems. Applicants must have a Ph.D. in Engineering, or related field with at least one graduate degree in engineering, the ability and desire to develop independent and cooperative research, and demonstrated ability and interest in teaching undergraduate and graduate bioenvironmental engineering courses. Apply to: Paul Pedrastra, Dept. of Biological and Agricultural Engineering. Open until filled: to ensure consideration applications should be received by 3/31/95.

Assistant Cooperative Extension Specialist and Assistant Vegetable Crops Postharvest Horticulturist. (11-month, career-track extension position). Position will develop and implement an extension and applied research program on postharvest physiology and handling of vegetable crops, and conduct on-farm training and education of extension and grower groups. Provide extension support and information to growers and producers. Open until filled: to ensure consideration applications should be received by 3/31/95.

Assistant Cooperative Extension Specialist and Assistant Weed Ecologist. (11-month, career track extension position). Conduct a mission-oriented research and extension program on postharvest physiology and handling of vegetable crops, and conduct on-farm training and education of extension and grower groups. Apply to: Kent Bradford, Dept. of Vegetable Crops. Consideration date not yet determined.

Positions anticipated to be open in the near future are listed below. Direct inquiries to the Chair of the department.

Natural Resource or Environmental Economist, Dept. of Agricultural Economics

Professorial positions have responsibilities for teaching, advising and research (in the Agricultural Experiment Station) and require teaching and research experience. Cooperative Extension position have responsibilities for applied research and outreach. Candidates must have a Ph.D. in an appropriate field. Applicants should submit resume, transcripts (if within five years of graduation), statement of research and teaching experience, list and reprints of publications, and the names and addresses of at least three persons familiar with the applicant’s qualifications, to the department as noted for position (department name), University of California, Davis, CA 95616. Please indicate the position(s) in which you are interested. The University of California is an Affirmative Action/Equal Opportunity Employer.
WORLD HEALTH ORGANIZATION (WHO)
International Agency for Research on Cancer (IARC)

International Agency for Research on Cancer has an opening in its headquarters in Lyons, France, for a

**Genetic Epidemiologist**

with the task of developing a strong, competitive research programme in genetic cancer susceptibility. The successful applicant should have an M.D. or Ph.D. in biological sciences or equivalent and an internationally competitive research record in genetic epidemiology. He/she would have a significant experience in the genetics of complex diseases, in the planning, development and coordination of international collaborative projects and good experience in training/supervising staff. Technical expertise should include population genetics and experience in the conduct of linkage studies allowing the genetic mapping of disease susceptibility loci. Experience in the evaluation of genetic/environmental interaction in the causation of disease will be appreciated.

The successful candidate is expected to head a research unit focusing on genetic susceptibility to environmentally induced cancer. The incumbent is responsible for developing original projects aimed at evaluating through a genetic approach the role of genetic factors in cancer development. He/she interacts and collaborates with other IARC scientists including those of the molecular genetics and epidemiology units and outside collaborators in the implementation of molecular epidemiological studies and their execution and represents the Agency in his/her capacity of expert at scientific meetings. The incumbent will be expected to keep abreast of the methodological developments in this field. The initial appointment will be for two years, the first being probationary, and is renewable. The annual salary level is US$ 43 618 tax free at single rate and US$ 46 901 for a staff member with dependents plus a cost of living element which is currently 49.6% of above figures.

Those interested should write, enclosing a curriculum vitae to:

Personnel Office
IARC
150, Cours Albert Thomas
F-69372 Lyons Cedex 08 France
Fax no: (33) 72 73 85 75

Applications from women are encouraged.

UMEÅ UNIVERSITY,
UMEÅ SWEDEN

**Associate Professor - Assistant Professor in Neuroendocrinology**

Associate Professor - Assistant Professor in Neuroendocrinology is wanted for the Anér Laboratory of Experimental Epilepsy Research in the Department of Physiology, Umeå University. The Anér Laboratory is developed for the investigation of modulatory effects by steroid hormones on synaptic transmission in the cerebral cortex, and for study of interaction between the effects of steroid hormones (neuroprogestines) and the cholinergic, catecholaminergic and serotoninergic signal systems. Experience of hippocampus slice in vitro, patch clamp or confocal microscopic techniques is a merit. The grant is for research and is limited to 3 years. Salary is dependent on the qualifications of the applicant.

Applications should be sent to the Registrar, Umeå University, S-90187 Umeå Sweden, quoting Reg nr 322-2711-94.

Closing date for applications is March 15, 1995. Further details are given by Prof. emeritus Sven Landgren, Tel +46 90 166948 (office), +46 90 132521 (residence), Fax +46 90 166683.

The University of Zürich (Switzerland), Faculty of Sciences, invites applications for a

**Professorship in Animal Behaviour**

Applicants should have an excellent research record in areas concerning physiological or other proximate aspects of behaviour, especially in vertebrates (preferably mammals). The candidate is expected to establish a strong independent research programme and to interact with existing groups in neurobiology and behavioural ecology. He/she is required to participate in the teaching programme of the Institute of Zoology and to deliver lectures in German within two years.

Depending on the qualifications and age of the applicant, the position will be tenurable (Assistant Professor) or tenured (Associate or Full Professor).

Applicants should submit their curriculum vitae, brief summaries of previous research and future research plans, list of publications, copies of up to five major publications, and the names of three potential referees to the following address: Dekan der Philosophischen Fakultät II, Professor Dr. H. Fischer, Winterthurerstr. 190, CH-8057 Zürich, Switzerland. Applications will be accepted until March 15, 1995.

Informal enquiries concerning the position may be addressed to the Head of the Institute of Zoology, Professor Dr. R. Wehner (phone +41 1 257-4831, FAX +41 1 257-5716).

SCIENCE Advertising Supplement

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EXPLORATION OF THE UNIVERSE
a challenge for Europe and its best scientists

The European Southern Observatory (ESO) is an intergovernmental organisation responsible for the most advanced astronomical research in the southern hemisphere. The eight Member States of the ESO are Belgium, Denmark, France, Germany, Italy, the Netherlands, Sweden and Switzerland.

As the prime European research and development centre, ESO occupies a leading position in the world's scientific community. Its research work is of great value to many areas of science and industry. The Very Large Telescope (VLT) is a 400 MDM programme expected to be completed by the year 2000. It consists of four 8-metre telescopes to be built by European industry and installed in Chile. ESO is responsible for the conceptual design, engineering design and construction of some essential parts, as well as for the overall programme management.

This is an exceptional opportunity for those seeking creative involvements in an international scientific environment. Applications are invited for the following positions, based at the ESO headquarters in Garching near Munich, Germany.

For the Data Management Division, ESO is seeking a (m/f)

HEAD OF THE DATA MANAGEMENT DIVISION
(Ref.: EDM 300)

Profile: the candidate will have a Ph.D in Astronomy, Physics or Computer Science, as well as several years of experience in major experimental projects in Astronomy producing large amounts of data. He/she should have demonstrated a knowledge of modern computing facilities, wide- and local-area computer networks and application softwares.

Responsibilities: the selected candidate will report directly to the Director General and work in cooperation with the VLT Programme Manager, the Associate Director for Science, the Head of the Instrumentation Division and the Head of the Space Telescope European Coordinating Facility to provide an efficient management, analysis, archival and distribution of all the astronomical data which are related to the scientific operation of the ESO observing facilities.

He/she will be responsible for: 1) the maintenance and upgrade of the off-line computer facilities at the Headquarters and in Chile; 2) the development of User's information systems; 3) the remote submission of observing proposals; 4) the VLT Sched-duling system; 5) directing the software developments for data calibration and reduction for major ESO instruments, for calibration databases and for science archives, with particular attention to prospective requirements in the VLT. VLT era; 6) managing all sky surveys, digital scans and catalogues, photographic plate material and related measuring machines; 7) establishing and maintaining cooperative efforts for software development with external Institutions, and proposing means to maintain and improve data transfer capabilities in Europe.

Remuneration for this post will be commensurate with background, experience and family status. It will be compatible with the salaries paid by intergovernmental organisations.

Although preference will be given to nationals of ESO Member States, this should not discourage suitably qualified applicants from other countries from applying. Positions are open to suitably qualified women and men. It is essential that all candidates have an excellent command of English. Knowledge of French or German would be an asset.

Applications with a brief c.v. (no supporting documentation unless requested) should specify the job reference and be submitted before February 24, 1995 to: Personnel Administration and General Services, European Southern Observatory, Karl-Schwarzschild-Straße 2, D-85748 Garching near Munich, Germany. Tel: 49-89-320.06.438 or 49-89-320.06.319.

EUROPEAN SOUTHERN OBSERVATORY

UNIVERSITY OF BERN
FACULTY OF SCIENCE
Professor of Biochemistry

Applications are invited for a full-time tenured position within the Department of Chemistry and Biochemistry starting April 1st, 1996.

The successful applicant is expected to complement one of two research strengths of the Department, namely, structure and function of membrane proteins and antisense DNA, to establish a research group in protein X-ray crystallography and to conduct an original research program. The successful applicant has access to the Swiss-Norwegian beamline at ESRF. Other areas of membrane protein biochemistry/biophysics will also be considered.

Applicants should have a record of outstanding research and teaching achievements in the field of biophysics or biochemistry. They are expected to participate in the teaching of biochemistry and general chemistry. Teaching in German is required but a period of adjustment can be granted. We welcome applications from women.

Applicants should send their curriculum vitae, a list of publications, a brief description of future research goals, and three reprints of representative publications before April 15 1995 to:
Erziehungsdirektion des Kantons Bern, Amt für Hochschulen, (1600.28/93), Sulgenecneisseurstrasse 70, CH-3005 Bern / Switzerland.

Further information may be obtained from Prof. B. Ermi, Institute for Biochemistry, Freiestr. 3, CH-3012 Bern, Switzerland, Tel. ++41-31-631 43 46.

DEPARTMENT of BIOCHEMISTRY
TWO LECTURESHIPS

Applications are invited for 2 Lectureships, tenable from 1 October 1995. The Department wishes to make these appointments in any aspect of modern biochemistry, molecular biology or protein chemistry in relation to cellular and membrane biology, cell matrix interactions, cell physiology or the control of gene expression. Appointees will be placed on the scale £14,756 – £25,735 per annum, with USS superannuation.

Please quote REF: SCI 590025.

Informal enquiries should be addressed to Professor J. H. Phillips (tel: 0131-650 3719; fax: 0131-650 3711: e-mailjhp@sril.med.ed.ac.uk).

Further particulars are available from:
THE PERSONNEL OFFICE,
THE UNIVERSITY OF EDINBURGH,
1 ROXBURGH STREET,
EDINBURGH EH8 9TB,
fax: 0131-650 6509,
where applications (10 copies, including a curriculum vitae and the names and addresses of 2 referees) should be lodged.

Closing date: 16th February 1995.
On 17 March, Science will publish a special advertising section titled *Careers in Biotechnology and Pharmaceuticals: Beyond Discovery - Science Careers Up and Down the Production Stream*. This is a popular annual advertising section dedicated to biopharmaceutical employment matters with bonus distribution to two U.S. job fairs, one on each coast. This section will explore the exciting next phase of the biotech industry. It will look at how the manufacturing, regulatory, and service sectors of the modern biopharmaceutical company are growing, and it will highlight career paths in areas such as:

- Clinical Trials
- Research and Development
- Regulatory Affairs
- Quality Assurance and Quality Control
- Production and Manufacturing
- Formulations and Chemistry
- Validation

*Careers in Biotechnology and Pharmaceuticals: Beyond Discovery* is a "must-read" section for scientists at every level. Don't miss this chance to be part of one of the biggest and most industry-relevant advertising sections of the year!

**Job Fair Bonus Distributions**
This highly visible issue will be distributed at two job fairs:
- Biotech/Pharmaceutical Job Fair, 24-25 March, La Jolla, California.
- Biotech/Pharmaceutical Job Fair, 28-29 April, Cambridge, Massachusetts.

**Benefits of Full Page Advertisements**
This section is an excellent opportunity for full page advertisers to get extra attention. Full page recruitment advertisements in the 17 March issue will receive placement throughout this career-related special advertising section. Names of the companies or institutions placing full page advertisements will be listed on an index affixed to the covers of the magazines distributed at the job fairs.

**Advertising space reservation deadline:**
28 February 1995

To advertise, call:
In the U.S., Janis Crowley at (212) 496-7704 or fax to (202) 682-0816.
In Europe, Gordon Clark at (+44) 01223 302 067 or fax to (+44) 01223 302 068.
Postdoctoral Research Fellowship

Department of Pharmacology & Clinical Pharmacology

Applications are invited for two Postdoctoral Research Fellowships, both available for periods of three years.

Vacancy UAC.551

The work to be undertaken is on the cellular regulations of the biosynthesis, metabolism and action of cytokines, eicosanoids and various inflammatory mediators. The successful applicant will have experience with cell culture, modification of immune function, signal transduction analyses and ELISA/RIA.

Vacancy UAC.552

The work to be undertaken is on the molecular regulation of eicosanoids, cytokine and vascular mediator biosynthesis, metabolism and action. The successful applicant will have experience with cell culture, various immunoassay techniques, nuclear run on transcription, mRNA stability measurements and analyses of 5' flanking region of genes desirable.

Stipends will be in accordance with The University of Auckland academic salary scale.

For further information please contact Professor Murray Mitchell, telephone 04-373 7999 ext 6733, fax 04-373 7556.

Applications in the form of detailed CV and including the contact details for two or more referees should be submitted to the Registrar, The University of Auckland, Private Bag 50105, Auckland, New Zealand on 28 February 1995.

Please quote the relevant Vacancy Number in all correspondence.

W R NICOLL, REGISTRAR

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Attention Non-U.S. Advertisers!

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In Europe, call Gordon Clark at (44) 0223 302067, or fax to (44) 0223 302068.

In Japan, call Masahiko Yoshikawa at (81) 3 3235-5961, or fax to (81) 3 3235-5852.

In Australia, call Keith Sandell at (61) 02 922 2977, or fax to (61) 02 922 1100.
# Science Advertising Calendar of Events

Mark Your 1995 Calendar for These Exciting Advertising Opportunities

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 January</td>
<td>Bonus Distribution to the Biotechnology/Pharmaceutical Job Fair in San Francisco, California, 3-4 February 1995. Bonus distribution to nearly 1,000 scientists at the '95 Miami Bio/Technology Winter Symposium, 5-6 February 1995.</td>
</tr>
<tr>
<td>3 February</td>
<td>Editorial Focus, Gordon Research Conference. Scientists look to the Gordon Research Conference issue when planning their attendance at these acclaimed sessions.</td>
</tr>
<tr>
<td>10 February</td>
<td>Bonus Distribution to the AAAS Annual Meeting in Atlanta, Georgia, 17-20 February 1995. Over 3,500 scientists from around the globe will attend.</td>
</tr>
<tr>
<td>24 February</td>
<td>Special Advertising Section, <em>Euroscience at Work: Career Opportunities in European Biotechnology and Pharmaceuticals</em>. SCIENCE explores the life sciences career market in Europe and tells readers where to find the best career opportunities. Full page recruitment ads will be positioned with the editorial. Fractional advertisements for positions outside the U.S. will be placed under a Global Careers Banner in the classified section.</td>
</tr>
<tr>
<td>3 March</td>
<td>Bonus Distribution to the Biotechnology/Pharmaceutical Job Fair, 10-11 March, New Jersey. Bonus Distribution to the American Physical Society meeting, 22-24 March, San Jose, California.</td>
</tr>
<tr>
<td>10 March</td>
<td>Editorial Focus, Molecular Biology: Cellular Regulation I. Bonus Distribution to attendees at the American Association for Cancer Research meeting, 19-21 March, Toronto, Canada. Bonus Distribution to USGEB, 30-31 March, Fribourg, Switzerland.</td>
</tr>
<tr>
<td>17 March</td>
<td>Special Advertising Section, <em>Careers in Biotechnology and Pharmaceuticals: Manufacturing &amp; Regulatory Affairs</em>. Bonus Distribution to two Biotechnology/Pharmaceutical Job Fairs: 24-25 March, La Jolla, California and 28-29 April, Cambridge, Massachusetts.</td>
</tr>
<tr>
<td>24 March</td>
<td>Bonus Distribution to the American Chemical Society, 3-5 April, Anaheim, California.</td>
</tr>
</tbody>
</table>

For Recruitment Advertising:
Call (202)326-6541, FAX (202)682-0816.

For Product Advertising:
Call (202)326-6542, FAX (202)682-0816.

Advertising Internet Address:
[science_classifieds@aaas.org](mailto:science_classifieds@aaas.org)
**POSITIONS OPEN**

**POSTDOCTORAL RESEARCH FELLOWSHIP**

Postdoctoral Research Fellowship in Exercise, Growth and Development

A unique, multidisciplinary research team has been assembled to study mechanisms that link physical activity with growth. M.D.’s or Ph.D.’s will be considered with experience in any one of the following areas: 1) molecular biology, 2) bioenergetics, 3) growth and development; 4) cardiorespiratory physiology; or 5) skeletal muscle physiology. Contact: Dr. D. Averill, 880 N. 4th Street, P.O. Box 4106, Harbor-UCLA Medical Center, Torrance, CA 90710.

MOLECULAR EVENTS IN HUMAN PLACENTATION

**POSTDOCTORAL FELLOW/Research Associate** position available immediately to study molecular and cellular mechanisms in disorders of human placentation. We are studying genes involved in preclampsia, intrauterine growth retardation, and preterm labor. Strong background in biochemistry or cell biology required, experience with molecular methodologies recommended. Inquiries should be sent to: Dr. Kenneth Ward, M.D., Perinatal Genetics Program, University of Utah, Eccles Institute of Human Genetics, 10 North 20th Street, Room 2420, Salt Lake City, UT 84112. The University of Utah is an Equal Opportunity/Affirmative Action Employer.

**PREDOCTORAL AND POSTDOCTORAL TRAINING PROGRAM IN REPRODUCTIVE SCIENCES**

The University of Kentucky is recruiting PREDOCTORAL and POSTDOCTORAL TRAINEES for an NIH-supported training program in the Reproductive Sciences. Applicants must be U.S. citizens or permanent residents. Faculty are from the Departments of Animal Science, Anatomy & Neurobiology, Biochemistry, Pharmacology, Physiology, OB-GYN, and Vet Science with diverse research in the reproductive sciences at the molecular, cellular, and whole animal level. For further information, please contact: Dr. Tom Curry, Department of Anatomy and Neurobiology, University of Kentucky, Lexington, KY 40536. Telephone: 606-323-6166; FAX: 606-323-1931. The University of Kentucky is an Equal Opportunity/Affirmative Action Employer and encourages applications from qualified women and minorities.

**POSTDOCTORAL TRAINING in developmental neurobiology**

Position available to study growth and differentiation of mammalian primary sensory neurons involved in cardiorespiratory control. Studies focus on genetic regulation of neurotransmitter phenotype and growth factor regulation of sensory neuron survival using in situ and in vivo methods. Experience with genetic technologies, including Northern blot, PCR and/or in situ hybridization preferred. Please send resume, reprints and names of three references: to: Dr. David M. Katz, Department of Neurosciences, Case Western Reserve University School of Medicine, 10900 Euclid Avenue, Cleveland, OH 44106. An Affirmative Action/Equal Opportunity Employer.

**ORNITHOLOGIST VERTEBRATE ECOLOGIST**

**ASSISTANT PROJECT MANAGER** for well-established ecological consulting firm in San Francisco Bay Area. Projects include EIR’s, EIS’s, monitoring, habitat management plans, threatened and endangered species surveys, etc. Ph.D. preferred. Advanced technical experience in ecology, population biology and natural history of birds and other terrestrial vertebrates. Technical publica-
tions required. Quantitative skills a plus. Must be highly skilled at technical writing and verbal communication. Excellent salary and benefits package, Carquicken; vita, resumes, to: Dr. Scott Terrill, H. T. Harvey & Associates, P.O. Box 1180, Alviso, CA 95002.

An Equal Opportunity/Affirmative Action Employer.

**SUMMER FELLOWSHIPS, Ocean Remote Sensing-June-August, 1995, Offered by the University of Maryland and NASA, for advanced undergraduate and beginning graduate students; includes stipend, housing, travel. Deadline: 1 April 1995. For application information, call: 1-800-307-0890, University of Maryland, College Park, MD 20742. Telephone: 301-405-6371. An Equal Opportunity/Affirmative Action Employer.**

**POSITIONS OPEN**

**SENIOR RESEARCH ASSISTANT**

McLaughlin Research Institute, Great Falls, Montana

Transgenic Mouse Facility

The successful applicant will be responsible for the technical operations of an established transgenic mouse lab. Experience with either pronuclear or blastocyst microinjection is essential. Additional training is available on-site. Applicants should have a genetic and/or husbandry, record keeping and all aspects involved in the production of transgenic mice. This position requires the ability to productively interact with a variety of investigators, both from the Institute and from Montana’s Universities. Co-ordinating support from animal care technicians is also required. The Institute is located in a small city near the east slopes of the Rocky Mountains with outstanding recreational opportunities. McLaughlin Research Institute is a non-profit organization specializing in mammalian genetics, and business background. Excellent job might involve broad experience in marketing to a specialized scientific community, data base/mailing list development, and good graphic design and experience.

A good candidate for the position would have a M.S. degree in the sciences, a M.B.A. degree, and several years of marketing experience related to the science research community. The STAFF MEMBER must be willing to work as a team member with the Gordon Conference core staff, with the Board of Trustees and Committee mem-

**GORDON RESEARCH CONFERENCES**

The Gordon Research Conferences manages international meeting concerning science at the cutting edge of fundamental research in the biological, chemical, and physical sciences. We have an immediate need for an in-

**RESEARCH ASSOCIATE**

Applications are invited for a RESEARCH ASSOCIATE to participate in murine corneal transplantation research. Surgical experience required. Send curriculum vi-

cus and three references: to: David J. Porese, M.D., Ph.D., University of Maryland, School of Medicine, 811 S. windshield Avenue, Lexington, KY 40536. Telephone: 606-323-1931. The University of Kentucky is an Equal Opportunity/Affirmative Action Employer and encourages applications from qualified women and minorities.

**RESEARCH TECHNICIANS**

The Coulston Foundation’s Department of Comparative Toxicology and Metabolism is seeking applications for RESEARCH TECHNICIANS. Positions involve participation in the overall conduct of a variety of government and privately funded toxicology research projects involving non-human primates, as well as other laboratory research species.

**POSITIONS OPEN**

Two POSTDOCTORAL POSITIONS in signal transduction. Available immediately to study regulation of receptor-G protein linkages in neuronal or vascular tissue using molecular and biochemical approaches. Experience in molecular biology, second messengers, receptor studies, or cell culture is desired. Send curricu-

**ANNOUNCEMENTS**

**RESEARCH OPPORTUNITY**

**NATIONAL MAPPING DIVISION DATA GRANT PROGRAM FOR LAND PROCESSES RESEARCH**

The United States Geological Survey’s National Mapping Division (USGS/NMD), Department of Interior, is distributing limited amounts of remotely sensed satellite data at no cost to qualified non-profit organizations that will develop data products linked to the LAND Processes data set. Digital data available through the Program include advanced very high resolution radiometer (AVHRR) and Landsat multispectral scanner (MSS) satellite data limited to the coterminous United States, Alaska, and Hawaii. A committee of National Mapping Division researchers will review data grant applications.

NMD Data Grant awardees must sign a data rights agreement to become USGS affiliated users. In exchange for using NMD Data Grant program data, awardees will be required to submit reports summarizing the use of the data products in land processes research.

For more information on submitting a data grant request, send for an NMD Data Grant Program information packet:

**CAREER CHANGE OPPORTUNITY**

This unique program offers the candidate with an earned doctorate in the sciences the opportunity to obtain a position in O.B. research. Digital years. Employment opportunities exist in private practice, industry, education, and research. Contact: Dr. D. Chamblee, Program Director, Accelerated Program, The New England College of Optometry, Room S, 424 Beacon Street, Boston, MA 02115.

**MARKETPLACE**

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Circle No. 34 on Readers’ Service Card

Marketplace ads continue on next page
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The ABI PRISM™ 377 DNA Sequencer goes beyond previous technology to bring you unprecedented productivity for all your DNA sequencing and fragment analysis applications.

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You've never seen a system this fast. Using simultaneous multicolor detection and advanced electrophoresis technology, the ABI PRISM 377 generates data four times faster than the ABI 373.

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And the ABI PRISM 377 is so easy to use, you'll be running samples with complete confidence in no time. A Macintosh Power PC interface streamlines data collection and analysis with your choice of DNA Sequencing or GeneScan™ software.

Of course, the ABI PRISM 377 is backed by Perkin-Elmer's worldwide technical support organization. With over eight years of experience in genetic analysis, our Applied Biosystems Division offers you the most comprehensive range of systems, technologies, and applications expertise in the industry.

So if you're looking for greater DNA sequencing and fragment analysis productivity, find out how the ABI PRISM 377 measures up. In the U.S., call 1-800-345-5224. Outside the U.S., contact your Perkin-Elmer representative.