ASSISTANT PROFESSOR
MOLECULAR GENETICS

The Department of Biology at the College of William and Mary invites applications for an entry-level tenure-track faculty position in molecular genetics. This permanent position is available from the 1999-2000 academic year and is being filled from the Howard Hughes Medical Institute. The successful applicant will be provided an existing, well-equipped molecular genetics laboratory, and will be expected to establish a vigorous research program involving undergraduate and beginning graduate students. A commitment to excellence in teaching responsibilities will include a comprehensive, upper-level course in molecular genetics and a companion laboratory course. The university has an enrollment of 7700 students among five schools, of whom 5600 are undergraduates. The department has 21 faculty and offers training through the master's level. Preference will be given to applicants with postdoctoral and teaching experience. Applications should include curriculum vitae with publication list, a statement of teaching and research interests, and the names, addresses, telephone and FAX numbers of three references. Applications must be submitted by December 1, 1998.

-Mail or FAX materials to: Science Classified Advertising 1335 H Street, N.W., Room 814 Washington, DC 20005 Telephone: 202-326-6555 FAX: 202-682-0816

-Rates: Ads are $42 per line; $420 minimum. One line equals 52 characters and spaces; centered headings equal 32 characters and spaces. A 3% cash discount is granted to all prepaid ads.

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-Credit Cards: Science accepts MasterCard and VISA. Discount does not apply to credit cards.

-Cancellations: Deadline for cancellation is 10 a.m., Tuesday, 10 days prior to issue date.

ASSISTANT PROFESSOR, TENURE-TRACK

Position Open:

The Institute for Human Nutrition at Columbia University, together with the Departments of Pediatrics and Physiology, is searching for a tenure-track basic scientist at the ASSISTANT PROFESSOR level to start in fall 1999. The Ph.D. degree is required. Applicants should have Ph.D. in basic biological sciences and expertise in lipid, lipoprotein, and apoprotein metabolism in heterologous expression systems (e.g., yeast and other genetic systems), and at least 5 years of postdoctoral experience. Candidates must display excellence in teaching, ability to guide and direct students, and produce high-quality research. Send curriculum vitae, summary of current and future research objectives, three recent reprints and names of 3 references to: Dr. Richard Deckelbaum, Director, Institute for Human Nutrition, 701 West 168th Street, New York, NY 10032.

Columbia University is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR, BIOCHEMISTRY AND MOLECULAR BIOLOGY

The Indiana University School of Medicine at Fort Wayne (IUSM-FW) seeks qualified applicants for a full-time, tenure-track position in Biochemistry. Applicants should have a Ph.D. in Biochemistry and postdoctoral research experience in the area of molecular immunology, microbiology, physiology, or pharmacology. Teaching experience at medical or graduate school-level is preferred. The successful applicant is expected to participate in the teaching of Medical Biochemistry to first-year medical students and in the teaching of other courses in the individual's specialty (30-40% effort). Development (or continuation) of an active, funded research program is expected (60-70% effort). The IUSM-FW has outstanding research and teaching facilities and can offer the successful applicant start-up funds, half-time technical assistance, and a competitive salary. Before April 30, 1999, applicants are requested to submit a current curriculum vitae and the names, addresses, and telephone numbers of three references to: B.H. Ratnag, Ph.D., Assistant Dean, Division of Diversity, 1210 Coliseum Boulevard East, Fort Wayne, IN 46805. Indiana University is an Equal Opportunity/Affirmative Action Employer, and Contractor, M/P.

ASSISTANT PROFESSOR, TENURE-TRACK

The University of California, Berkeley, School of Optometry

The University of California, Berkeley, School of Optometry is seeking an Assistant Professor to teach and conduct independent research in a position that will be filled in the Department of Vision Science and Motor Control. The successful candidate will be expected to develop and maintain an independent research program involving the study of visual function and neuroplasticity. The individual will possess an M.D., O.D., Ph.D., or equivalent degree in a related field. A Ph.D. in the visual sciences is preferred. Applicants must be able to perform research in the area of visual function and neuroplasticity and have demonstrated success in grant writing and the ability to conduct and publish research. The successful candidate will be expected to develop and maintain an independent research program involving the study of visual function and neuroplasticity. The individual will possess an M.D., O.D., Ph.D., or equivalent degree in a related field. A Ph.D. in the visual sciences is preferred. Applicants must be able to perform research in the area of visual function and neuroplasticity and have demonstrated success in grant writing and the ability to conduct and publish research. The successful candidate will be expected to develop and maintain an independent research program involving the study of visual function and neuroplasticity. The individual will possess an M.D., O.D., Ph.D., or equivalent degree in a related field. A Ph.D. in the visual sciences is preferred. Applicants must be able to perform research in the area of visual function and neuroplasticity and have demonstrated success in grant writing and the ability to conduct and publish research. The successful candidate will be expected to develop and maintain an independent research program involving the study of visual function and neuroplasticity. The individual will possess an M.D., O.D., Ph.D., or equivalent degree in a related field. 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Human Resources Management in R&D Organisations

This important International Conference will be held in Canberra between 29-31 March 1993 in conjunction with the 1993 Australian Science Festival. The theme of the Conference is:

“Innovative human resources management strategies and best practice for the attraction, development and deployment of creative staff in R&D organisations”.

A Program of Plenary and Workshop sessions is planned.

For more information, please contact:

**Australian Convention & Travel Services**
GPO Box 2200
Canberra ACT 2601, AUSTRALIA
Tel: 61 6 257 3299 Fax: 61 6 257 3256

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**THE UNIVERSITY OF HONG KONG**

**SENIOR LECTURER/LECTURER IN BOTANY**
(Ref. 92/93-57)

Applications are invited for a Senior Lectureship/Lectureship in the Department of Botany, tenable from 1 September 1993, in one of the following areas of expertise: Fermentation Biotechnology or Agricultural Genetics and Biotechnology.

The appointee may be required to contribute to the teaching of basic genetics in addition to the specialised programmes listed above.

Annual salaries (superannuable) are on the scales: Senior Lecturer HK$534,000 - HK$717,360 (9 points - approx. US$69,351 - US$93,164); Lecturer HK$343,680 - HK$574,140 (11 points - approx. US$44,634 - US$74,564; US Dollar equivalent as at 26 January 1993). Starting salary will depend on qualifications and experience. At current rates, salaries tax will not exceed 15% of gross income. Children’s education allowances, leave and medical benefits are provided; housing or tenancy allowances are also provided in most cases at a charge of 7.5% of salary.

Further particulars and application forms may be obtained from Appointments (41440), Association of Commonwealth Universities, 36 Gordon Square, London WC1H 0PF, UK, or from the Appointments Unit, Registry, The University of Hong Kong, Hong Kong (fax: (852) 559 2058; E-mail: APPTUNIT@HKUVM1.HKU.HK).


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**RESEARCH OPPORTUNITIES ABROAD FOR U.S. BIOMEDICAL SCIENTISTS**

**JOHN E. FOGARTY INTERNATIONAL CENTER**

For Advanced Study in the Health Sciences
NATIONAL INSTITUTES OF HEALTH

**Senior International Fellowships**: 3 to 12 months for use in any foreign country. Applicants must be more than 5 years post doc with a permanent position in the U.S.

**Foreign-supported Fellowships (Postdocs)**: 1 year in Finland, France, Germany, Ireland, Israel, Japan, Norway, Sweden, Switzerland, or Taiwan.

**Hitchings-Elion Fellowships (Postdocs)**: 2 years in the United Kingdom or Ireland and 1 year in the U.S.

**Fogarty International Research Collaboration Award (FIRCA)**: 1-3 years; small research grants for equipment, supplies and travel for collaboration between U.S. investigators and scientists in Central and Eastern Europe, former Soviet Union, or Latin America.

For info:  International Research & Awards Branch
Fogarty International Center
National Institutes of Health
Bldg. 31, Rm. B2C39
Bethesda, MD 20892
Tel: (301)496-1653
Fax:(301)402-0779
ASSISTANT PROFESSOR-ENTOMOLOGY
UNIVERSITY OF MINNESOTA

The Department of Entomology—University of Minnesota is seeking applicants for a 12-month, tenure-track, extension-research position in landscape and structural entomology. Located within a 7-county metropolitan area of 2 million people, this position provides exceptional opportunities for a landscape or structural entomologist. The successful applicant will develop an active extension program in landscape and structural entomology, and will work closely with pest management in metropolitan environments. A Ph.D. in entomology or related field and experience in outreach, outreach programs, and related research is required. Desired qualifications include: teaching experience in entomology, outreach, or classroom settings; demonstrated research productivity, experience in landscape or structural entomology, and experience in grant writing, and a commitment to teaching. Interested individuals should submit a letter of application, a separate statement of research plans, excerpts from exemplary research publications, and names and addresses of 3 references by March 19, 1993 to: Kenneth Osble, Search Committee Chair, c/o Department of Entomology, University of Minnesota, St. Paul, MN 55108. Telephone: (612) 624-9272, FAX: (612) 625-5299. The University of Minnesota is an Equal Opportunity Educator and Employer.

Distinguishing Professor of Ecology

The search of the College of Natural Resources at the University of Wisconsin-Stevens Point seeks a Distinguishing Professor in Quantitative Ecology beginning August 15, 1993. Responsibilities include teaching, statistical consulting, research. Qualifications include senior-level scientist; published in ecology, theoretical ecology, or evolutionary biology; and previous teaching experience in natural resource management. The successful applicant will teach a second year course in Statistical Ecology as well as a course in special area research. Salary commensurate with experience and qualifications. Deadline: April 5, 1993. Applications must be available to the University of Wisconsin-Stevens Point by March 1, 1993. Interested individuals should submit a letter of application, a curriculum vitae, and names and addresses of three references to: Alan Haney, Dean, College of Natural Resources, University of Wisconsin, Stevens Point, WI 54481; (Telephone: 715-346-2658). To apply send letter of interest, resume which describes above-mentioned qualifications, 3 letters of recommendation and the names of 3 other references to him. University of Wisconsin-Stevens Point is an Equal Opportunity Employer.

Vollum Institute
OREGON HEALTH SCIENCE UNIVERSITY FACULTY POSITION

The Vollum Institute is accepting applications for a faculty position with an emphasis in ASSOCIATE, ASSISTANT, or FULL PROFESSOR. Applicants should have a strong commitment to modern biologic research which will complement existing Institute programs in transcriptional regulation, neurotransmitter/hormone receptors and transporters, ion channel structure and function, synaptic transmission, and signal transduction mechanisms. Submit curriculum vitae and one-page statement of research interests by March 15, 1993 to: Faculty Search, Vollum Institute, J-474, Oregon Health Sciences University, 3181 S.W. Sam Jackson Park Road, Portland, OR 97201. An Equal Opportunity/Affirmative Action Employer. Minorities and women are encouraged to apply.

The Department of Pharmacology at Temple University School of Medicine is seeking tenure-track members at the ASSISTANT PROFESSOR level. Applicant should have a Ph.D. and/or M.D. degree, postdoctoral experience, and demonstrated record of publication in modern biochemical research which will complement existing Institute programs in transcriptional regulation, neurotransmitter/hormone receptors and transporters, ion channel structure and function, synaptic transmission, and signal transduction mechanisms. Submit curriculum vitae and one-page statement of research interests by March 15, 1993 to: Faculty Search, Vollum Institute, J-474, Oregon Health Sciences University, 3181 S.W. Sam Jackson Park Road, Portland, OR 97201. An Equal Opportunity/Affirmative Action Employer. Minorities and women are encouraged to apply.

POSTDOCTORAL POSITION

The University of Michigan Department of Ophthalmology is seeking a FACULTY MEMBER with particular interest in comprehensive ophthalmology. Applicants must have a MD and be board eligible. Individuals interested in this position should submit an informal letter of application to: Dr. Paul R. Lichter, M.D., 3821 Hatcher, Room 100, University of Michigan Medical Center, Ann Arbor, Michigan 48109-0603. Applications must be received by February 28, 1993.

QUEEN'S UNIVERSITY

The Department of Biochemistry in the Faculty of Medicine, Queen's University, Kingston, Ontario is seeking a faculty member at the Associate Professor level. The research of the successful candidate will be in the area of RNA or protein crystallography. Responsibilities include teaching, training of graduate students and postdoctoral associates, and the direction and management of a research program with extramural funding obtained by the individual. Applicants should have a Ph.D. degree and have demonstrated the ability to develop an independent research program and to obtain extramural funding. Salary will be competitive with those of other members of the Queen's University faculty and will be commensurate with qualifications and experience of the successful candidate. The application deadline is March 15, 1993. Applications should be addressed to: Dr. I. Binder, Head, Department of Biochemistry, Queen's University, Kingston, Ontario, Canada K7L 3N6.

POSTDOCTORAL ASSOCIATE position available in an NIH-funded laboratory to study molecular mechanisms regulating the proliferation of colonic epithelial cells. The successful candidate will utilize electron microscopy, cell culture, and patch-clamp techniques to study calcium currents and contractile properties of myocytes. Ph.D. in Biological Science plus 1 year postdoctoral research experience required. Experience in signal transduction and receptor-ligand interactions is essential. Submit curriculum vitae and names of three references to: Dr. D. I. Binder, Head, Department of Biochemistry, Queen's University, Kingston, Ontario, Canada K7L 3N6.

POSTDOCTORAL POSITION

The Agricultural Research Service of the United States Department of Agriculture is seeking a postdoctoral position available for a molecular biologist who can contribute to our research in the genetic modification of crops for improved resistance to fungal pathogens. This position is part of a multidisciplinary team leading to commercialization of disease-resistant crops. The selected candidate will have a Ph.D. in Molecular Biology or a closely related field. Monsanto offers a stimulating and challenging work environment and an excellent compensation and benefits package. Starting salary is negotiable. Please submit the names of three references to: Dr. Marion K. Doyle, Human Resources—0311, Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, MO 63167. Equal Opportunity Employer, M/F/H/V.

SCIENCE welcomes placement of line classified ads by FAX. Please include name and telephone number for our confirmation call when transmitting ad to:

FAX NUMBER: 202-682-0816
Opportunities for Senior Scientists in Multi-disciplinary Research Program

The U.S. Environmental Protection Agency (EPA) is seeking senior (GS-11/14) scientists with expertise in ecological monitoring and assessment to lead exploratory research activities for the national Environmental Monitoring and Assessment Program (EMAP). EMAP is an innovative, multi-agency program designed to estimate status and trends in the condition of our nation’s ecological resources. Applicants should possess technical proficiency in terrestrial, freshwater, marine, and/or landscape ecology. Experience with ecological indicators, monitoring at regional and national scales, and/or multiple-resource integration is highly desirable.

Contracts management responsibilities constitute approximately 25% of the work in these positions. U.S. citizenship is required.

Positions for exemplary scientists will be located at EMAP’s technical center in the Research Triangle Park area of North Carolina. EMAP-Center provides a stimulating research environment with many opportunities for scientists:

- Access to area research universities and science facilities
- Interaction with the national and international scientific community
- Research support that allows senior scientists to remain active in their research fields
- Leadership role in an innovative ecological research, monitoring and assessment program
- Competitive salary

Applications will be accepted through March 18, 1993. Please request applications from:

U.S. Environmental Protection Agency
Human Resources Management Division (MD-29)
Research Triangle Park, NC 27711
Attn: Dorothy Carr - EMAP
(919)541-3014

The U.S. EPA is an Equal Opportunity Employer.

A DYNAMIC MISSION

At the Glaxo Inc. Research Institute, Our Priority is Progress.

Glaxo Inc., one of the largest pharmaceutical companies in the world, has an established record of developing the highest quality prescription medicines for unmet patient needs. Located in Research Triangle Park, NC, the Glaxo Inc. Research Institute is a premier facility which provides a stimulating environment for scientists working in all aspects of discovery and development. We invite you to experience the challenges and accomplishments a future with us holds for you. The following opening is available.

CELLULAR/MOLECULAR BONE RESEARCH SCIENTIST

We seek an outstanding Research Investigator who will provide cellular and molecular biology expertise to a bone research group with established in vivo, cellular, and transgenic capabilities. The ideal candidate is envisioned as a cell biologist with the training and experience to expertly apply molecular biology techniques as needed to establish a research program to address fundamental questions about bone cell signal transduction and cell-cell signaling pathways. A strong desire to discover drugs in the therapeutic area of bone disease and a commitment to excellence in basic science research in cell biology are both prerequisites for this position.

Background must include a Ph.D. in Cell Biology and postdoctoral training in molecular biology, plus 3-5 years of productive experience as an independent investigator. Expertise in the area of bone cell biology is desired, but applications from individuals with relevant training and experience in other areas will receive full consideration.

Join Glaxo and enjoy an excellent salary, flexible benefits, an on-site fitness center, a spirit of enthusiasm and teamwork and outstanding opportunities for career satisfaction. Equally appealing is our world famous scientific, industrial, and academic community in Research Triangle Park, NC. Send your resume, which must include position title and salary history, to: Job# ASC912701, Human Resources Department, Glaxo Inc., P.O. Box 13398, Research Triangle Park, NC 27709. (No Phone Calls or Agency Referrals, Please.) An Equal Opportunity Employer M/F/D/V.

Glaxo Inc.
The Time For Achievement Is Now
DIRECTOR, CHILDREN'S NUTRITION RESEARCH CENTER

A Center Director for the Baylor College of Medicine/United States Department of Agriculture-Agriculture Research Service Children's Nutrition Research Center is sought. The Center is operated under a Cooperative Agreement between the United States Department of Agriculture-Agriculture Research Service and the Baylor College of Medicine. The Director will be appointed as a full-time faculty member of the Baylor College of Medicine. Candidates for this position should hold a M.D. or an M.D./Ph.D. and be board certified in pediatrics. Experience, research productivity and administrative skills must be such that they would be eligible for appointment at the full professor level at the Baylor College of Medicine. Interested candidates should respond with curriculum vitae to: Ralph D. Feigin, M.D., Senior Vice President and Chairman, Department of Pediatrics, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030, Equal Opportunity Employer.

POSTDOCTORAL POSITION available immediately to study oxygen radical-induced DNA damage. The project involves mapping of base damage induced by model systems of oxygen-mediated PCR. Experience with PCR, DNA sequencing and hybridization techniques essential. Send or FAX: (818) 301-8868 for more information. Address to: Dr. Stewart, Department of Medical Oncology, City of Hope, 1500 East Duarte Road, Duarte, CA 91010.

POSTDOCTORAL POSITION

MOLLECUULAR IMMUNOLOGY

A postdoctoral position in the Laboratory of T Cell Development to study intrathymic selection and T cell development by producing transgenic mice is available immediately. Applicants must possess DNA manipulation and cloning skills. Knowledge of cellular immunology is a plus. The Sloan-Kettering Institute offers a stimulating research environment and excellent facilities. Housing assistance may be available. Please submit curriculum vitae and three letters of reference to: Janko Nikolíc-Zegarić, M.D., Laboratory of T Cell Development, Sloan-Kettering Institute, 1275 York Avenue, New York, NY 10021.

EXPERIMENTAL HEMATOPOIESIS

RESEARCH ASSOCIATE, Ph.D./M.S. to join the newly formed Experimental Hematopoiesis Unit, Center for Cancer and Transplantation Biology, Children's Research Institute. Experienced in the techniques of hematopoietic cell manipulation (e.g. BMT, LAK/TIL, clonogenic growth, cell purification, etc.) and cell culture. Will participate in developing novel experimental bone marrow transplantation strategies. Position commences with experience.

Interested candidates should submit a letter of interest and curriculum vitae to: Stephan Ladisch, M.D., Director, Center for Cancer and Transplantation Biology, Children's Research Institute. Applications closing date is September 1, 1993. Apply immediately. The University of Alabama at Birmingham is an equal opportunity/affirmative action employer. EOE.

TEACHER

EXPLORATORIUM TEACHER INSTITUTE

The Exploratorium is a museum of science, art, and human perception in San Francisco, California. The Teacher Institute Program provides training and support for middle and high school science and mathematics teachers. Responsibilities: Teaching summer institutes, after-school, and weekend workshops. Developing and publishing classroom activities and teaching techniques based on the Exploratorium's hands-on exhibit. Qualifications: Advanced degree or extensive teaching experience teaching science or physical science, earth science, or chemistry. Involvement in multicultural issues as they relate to teaching and learning. Please apply by March 1, 1994. Send résumé and letters of interest to the Director of Teacher Institute, Exploratorium, 3601 Lyon Street, San Francisco, CA 94123, Telephone: 415-661-1066. The Exploratorium is committed to the diversity of its staff and encourages applications from people of all sexual orientations, women, men of color and people with disabilities.

POSITIONS OPEN

DIRECTOR, CHILDREN'S NUTRITION RESEARCH CENTER

DEAN

COLLEGE OF SCIENCE

Wayne State University is seeking nominations and applications for the position of Dean of the College of Science. This is a new position, created by the congeruation of science departments formerly in the College of Liberal Arts and the College of Pharmacy into the College of Science. The College of Science includes the Departments of Biological Sciences, Chemistry, Communication Disorders and Sciences, Computer Science, Geology, Geophysics, and Food Science, Physics and Astronomy, and Psychology. The graduate program of the College has 823 students and there are approximately 2700 undergraduate majors. The full-time faculty is 100.

Qualifications for the position include: an earned doctoral degree and a record of scholarship appropriate for an appointment as professor with tenure in a department of the College; administrative capabilities; effective personal management skills; demonstrated commitment to affirmative action and equal opportunity.

The Dean will report to the Provost of the University. The review of candidates will begin March 1, 1993, and continue until the position is filled. The desired starting date for the position is in the period of September 1993 to January 1994.

Letters of nomination and application, which may include curriculum vitae and names of references when appropriate, should be sent to:

Dr. George E. Dambach, Ph.D.,
Associate Dean for Research & Graduate Programs
School of Medicine, degree 111 Scott Hall
Wayne State University
Detroit, MI 48201
Office: (313) 577-1455
FAX: (313) 577-8777.

DEAN, SCHOOL OF OPTOMETRY

The University of Alabama at Birmingham (UAB) is seeking applications for the position of Dean of the School of Optometry. The Dean is the chief administrative officer and is responsible to the Vice President for Health Affairs for the administration of all educational and research programs conducted by the School. The School of Optometry is one of six health professional schools in the UAB Medical Center (the others are Medicine, Dentistry, Public Health, Pharmacy and Health Related Professions). The School has numerous interdisciplinary programs and enjoys a collaborative research environment. The UAB Eye Center Grant from the National Eye Institute. Programs offered by the School of Optometry include the professional curriculum in optometry, graduate programs (M.S. and Ph.D.) in physiology, and residency training programs in optometry, ophthalmology, and optometric dispensing education. Research and ophthalmology.

Applications and nominations should include curriculum vitae, the names of three references, and any other supporting material deemed appropriate. Screening of applications will begin March 15, 1993. Interested parties may send their applications and nominations to: Dr. Rachel Z. Booth, Chair, Search Committee for the Dean, School of Optometry, The University of Alabama at Birmingham, 1701 University Boulevard, Birmingham, AL 35294-1210. UAB is an Affirmative Action/Equal Opportunity Employer.

DIVISION HEAD

DIVISION OF INFECTIOUS DISEASES

We are seeking a distinguished physician-scientist who is Board certified in Internal Medicine and Infectious Diseases to provide dynamic scientific and clinical leadership to the Division of Infectious Diseases at the State University of New York at Stony Brook. The Division comprises twelve full-time Ph.D. and M.D. and six fellows who are stationed at Stony Brook and the Northport Veterans Administration Hospital. The Division is involved with NIH-funded research activities as well as State sponsored centers for AIDS and Lyme Disease and active clinical programs. Please send letter of interest, curriculum vitae, copies of published papers, and three letters of recommendation to: Dr. Michael Berecekowitz, Division of Endocrinology, SUNY at Stony Brook, Stony Brook, NY 11794. SUNY, Stony Brook is an Affirmative Action/Equal Opportunity Educator and Employer.

DIRECTOR—Science Education Academy of the Bay Area. SEABA is a network of organizations in the San Francisco Bay Area that are dedicated to improving pre-college science education. SEABA functions as an academic without walls to further empower teachers and schools to radically transform the way science is taught. The current director of SEABA is a network of county offices of education, universities, Department of Energy national laboratories and science museums. The ideal candidate has demonstrated exceptional skills in administering large programs; implementing current reforms in precollegc education; directing fund-raising efforts; and communicating effectively with diverse audiences. Applications close March 15, 1993. Salary level is $50,000 to $60,000. Send a letter of interest, résumé and three references to: Joan Hukari, Far West Laboratory, 780 Harrison Street, San Francisco, CA 94107. Far West is an Affirmative Action/Equal Opportunity Employer.

DIRECTOR—International Science Institute. The Nature Conservancy seeks director for institute being created to encourage the use of science and information technologies to inform biodiversity conservation and development decisions. The director will have responsibility for strategic planning and development. Candidates must have a background in biodiversity conservation, the biological sciences, and science communications; demonstrate leadership capabilities; experience in managing organizations involved in science and education; capability to generate partnerships with governmental, scientific and academic institutions; participatory decision-making experience; commitment to conservation. Preference will be given to candidates with Ph.D. or equivalent advanced degree in biology, ecology or systems. All inquiries and responses held in confidence. To apply, send curriculum vitae and letter of application to: The Nature Conservancy, International Headquarters, Human Resources Department, 1815 North Lynn Street, Arlington, VA 22202. Equal Opportunity Employer.

DIRECTOR

The Glenn T. Seaborg Center for Teaching and Learning Science and Mathematics, Northern Michigan University (NMU)

Applications/nominations are invited for the position of Director of the Glenn T. Seaborg Center. The Center engages in research, curriculum development and educational service activities throughout Michigan and Wisconsin. Complete position description available upon request. Applicants should submit letter of interest and CV to: Dr. Kathy Marzomet, Director, Office of Higher Education, Northern Michigan University, Marquette, MI 49855-5327. NMU is an Affirmative Action/Equal Opportunity Employer.

GENETIC EPIDEMIOLOGIST FOR NATIONAL HIGH RISK REGISTRY. This is a registry of individuals with multiple family members with cancer. Over 15,000 individuals are registered and kept current. The successful candidate will be expected to establish an independent research program, as well as collaborate with multiple specialties of the Strang-Cornell research team. The applicant must have an appropriate Ph.D. and two or more years of relevant postdoctoral experience. University appointment according to applican's specialty. Send letter of interest, CV, and three letters of recommendation to: D. Miller, Scientific Director, National Cancer Institute, 428 East 72nd Street, New York, NY 10021.

An NIH-funded POSTDOCTORAL POSITION is available immediately to study mechanisms of resistance to tumor promoters in T-lymphocyte cell lines. Ph.D.'s with a strong background in biochemistry and a demonstrable interest in signal transduction via protein phosphorylation are preferred. Please submit curriculum vitae and names and addresses of three references to: Employment Opportunities, Ross Laboratories, Department of Pharmacology, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC 29425-2351; FAX 803-792-2475. Equal Opportunity/Affirmative Action Employer.
POSTDOCTORAL TRAINEE SHIPS IN CANCER BIOLOGY AT WAYNE STATE UNIVERSITY

As part of a continuing commitment to excellence in cancer research, WSU is offering postdoctoral training in the following areas:

- BREAST CANCER BIOLOGY
- MOLECULAR BIOLOGY
- CARCINOGENESIS
- TUMOR BIOLOGY
- DEVELOPMENTAL THERAPEUTICS

Trainees will be selected on potential for achievement in cancer research. Salaries are $23,600-$30,600 depending upon experience and are funded through individual research departments or the Meyer L. Prentis Comprehensive Cancer Center* of Metro Detroit.

Submit CV by May 1, 1993, together with summary of previous research and statement of areas of current interest along with names of three references to:

Dr. S. C. Brooks  
Dept. of Biochemistry  
Wayne State University  
School of Medicine  
540 E. Canfield  
Detroit, MI 48201

An Affirmative Action Equal Opportunity Employer

*Funding for Comprehensive Cancer Center positions is from a P.H.S. Training Grant restricted to U.S. citizens and permanent residents.

GENE EXPRESSION SCIENCES

Postdoctoral Scientist

SmithKline Beecham Pharmaceuticals, one of the largest and most recognized names in healthcare today, is seeking a postdoctoral scientist to design and perform experiments in bacterial molecular genetics and biology for our Gene Expression Sciences Group.

Your responsibilities will include performing experiments to characterize sigma genes in Streptomyces, executing independent experimental designs, preparing experimental results for journal publications, presenting research seminars and maintaining laboratory records and equipment.

Your qualifications must include a Ph.D. in Biochemistry or Molecular Biology and 0-2 years current laboratory experience. Experience in cloning techniques, DNA sequencing, oligonucleotide-directed mutagenesis, Streptomyces or bacterial genetics, and radioactive compounds is required. Experience with protein purification and statistical methods is desirable. Strong computer skills are also essential.

Our state-of-the-art research facility is located in suburban Philadelphia, near Valley Forge, PA. We offer a highly competitive compensation/benefits/relocation package.

For confidential consideration, forward your C.V. to: Senior Employment Administrator, #H011, SmithKline Beecham Pharmaceuticals, P.O. Box 1539, King of Prussia, PA 19406-0939. We are an Equal Opportunity Employer, M/F/D/V.

SmithKline Beecham Pharmaceuticals  
Challenging the natural limits.

PRODUCT DEVELOPMENT SCIENTIST

Hybritech Incorporated, a $100 million subsidiary of Fortune 100 Eli Lilly and Company and a recognized leader in the manufacturing and marketing of in vitro diagnostic tests utilizing monoclonal antibody technology, has an immediate and challenging opportunity supporting our Diagnostics R&D area.

The successful candidate will have a PhD in Immunology, Biochemistry or related field with 4-7 years' experience developing immunodiagnostic products. Strong technical, communication, teamwork and leadership skills are required. These skills will contribute to a successful track record of product introductions. Experience with sandwich immunoassay product development is desirable.

Hybritech offers a stimulating work environment and competitive salaries and benefits. Please send your resume to: Human Resources, DB/SM/PDS, HYBRITECH INCORPORATED, P.O. Box 269006, San Diego, CA 92196-9006. Equal Opportunity Employer.

Cell Proliferation and Eicosanoids (Molecular Biologist)

A post-doctoral position is available in the Eicosanoid Biochemistry Workgroup of the Laboratory of Molecular Biophysics to study the epidermal growth factor stimulated formation of oxygenated lipids derived via lipoxygenase and/or prostaglandin H synthase pathways. These studies are focused on determining the role of these lipid mediators in mitogenic signal transduction with particular emphasis on the interaction of oxygenated lipids with tyrosine kinases and phosphatases.

Individuals with a strong background in molecular biology are desired to isolate, clone and sequence relevant genes and to study the regulation of their expression by kinase activity.

FOR PROMPT CONSIDERATION: Send cover letter indicating area of interest, Curriculum Vitae, and three letters of reference by March 26, 1993 to:

Dr. Thomas Eling  
NIEHS, LMB, MD 19-04  
P.O. Box 12233  
Research Triangle Park, NC 27709  
Phone: (919) 541-3911  
Fax: (919) 541-7880

NIH is an Equal Employment Opportunity Employer.
ASSISTANT or ASSOCIATE RESEARCH FACULTY POSITION

The University of Georgia (UGA) Marine Institute on Sapelo Island, an institution with a 40-year history of coastal research, invites applications for a start-funded position. We seek an individual with either outstanding potential or demonstrated expertise in any of the following areas of estuarine research:

PLANT or ANIMAL COMMUNITY DYNAMICS, EARLY LIFE HISTORY of FISHERIES SPECIES, MICROBIAL ECOLOGY.

Preference is given to candidates whose research is field- and process-oriented. The natural estuarine environments on Sapelo Island, especially the extensive salt marshes and sand beaches, offer the researcher an uncommon opportunity to conduct field-oriented studies without concern for uninvited human disturbance. The research faculty at the Marine Institute may hold adjunct appointments in academic departments, including the newly formed Department of Marine Sciences, on the main campus of UGA. The position is available as early as 1 July 1993. Salary will be commensurate with experience and qualifications. Interested individuals should send curriculum vitae, statement of research interests and the names and addresses of three potential referees to:

Dr. James J. Alberts
Director
UGA Marine Institute
Sapelo Island, GA 31327

The application deadline is 31 March 1993. THE UNIVERSITY OF GEORGIA IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

ACADEMIC POSITION IN MOLECULAR BIOLOGY

This is a non-renewable academic position available for up to 5 years. We require a developmental biologist with expertise in molecular biology to join a group investigating differentiation and transdifferentiation of striated muscle cells to various other cell types in jellyfish. The candidate should have a Ph.D. and at least one year of postdoctoral experience and publications in molecular biology methods. Especially desirable is PCR experience. His/her work will focus on changes in gene expression in the transdifferentiation process. Interest and experience in general developmental problems will be of advantage. Some teaching duties are included (at the beginning in English, later in German). The salary will be in the range of $24,000 to $70,000 per year and will depend on experience and qualifications. Habilitation will be possible. Starting date: August 1, 1993, or by arrangement. Applications including curriculum vitae, publication list and the names of two referees should be sent until April 15, 1993 to:

Professor Doctor Volker Schmid
Zoologisches Institut
Rheinsprung 9
CH-4051 Basel
Switzerland

POSTDOCTORAL POSITION
p53 ANTIONCOCENE RESEARCH

Position available immediately for study in the biomedical and molecular functions of the p53 antioncogene. Interested individuals should forward curriculum vitae and three letters of reference to: James L. Shelly, M.D., Ph.D., c/o Personnel Department, Fox Chase Cancer Center, 7701 Burholme Avenue, Philadelphia, PA 19111. Equal Opportunity Employer.

RADIATION RESEARCH. Applications are invited for a POSTDOCTORAL POSITION to study the effects of radiation on the testes of mice. A Ph.D. is required, preferably in Biology or Chemistry. Please send return to: Robert W. Howell, Ph.D., Department of Radiology, UMDNJ, 185 South Orange Avenue, Newark, NJ 07103. FAX: (201) 982-6674. UMDNJ is an Equal Employment Opportunity Employer, M/F/H/V, and a member of the University of Medicine and Health System of New Jersey. UMD New Jersey

POSTDOCTORAL POSITIONS

SOFT TISSUE BIOMECHANICS
THE UNIVERSITY OF CHICAGO

The Section of Orthopaedics and Rehabilitation Medicine, Department of Surgery, and the Department of Organismal Biology and Anatomy invite applications for a TENURE-TRACK POSITION. We seek to recruit a new faculty member as part of a biomechanics research/training initiative between the two departments. We are interested in people with experience in collagen/cartilage biochemistry and cell biology addressing problems of tissue repair and remodeling to complement existing research strengths in bone, joint and gait mechanics and the cell biology of tissues. Rank open. Applicants should send curriculum vitae, statement of research interests, and names of three references to: Dr. Andrew A. Biewener, Chair biology to: Biomechanics Search Committee, Department of Organismal Biology and Anatomy, The University of Chicago, 1025 East 57th Street, Chicago, IL 60637. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS

Postdoctoral positions for an NCI training program in molecular and cellular mechanisms of carcinogenesis are available at the University of Texas M. D. Anderson Cancer Center–Science Park. Research programs focus on the following areas: DNA repair and mutagenesis, carcinogenesis, tumor promoters, tumor suppression, gene expression and development of models of human cancers. Salary and support are commensurate with experience and qualifications. The position is available immediately to carry out studies aimed at understanding mechanisms. Send curriculum vitae and names of three references to: R. Andrew Fox, L. Fox, NIH-funded postdoctoral position at the University of Texas M. D. Anderson Cancer Center. Send curriculum vitae and names of three referees to: Arnold K. Roy, Ph.D., Professor of Cellular & Structural Biology, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78284–7762. The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity Employer.

POSTDOCTORAL POSITIONS

MOLLEULAR CELL BIOLOGIST. Two POSTDOCTORAL POSITIONS in the laboratory are available for postdoctoral investigators exploring hormonal and age-dependent regulation of transcription factors. Ph.D. with experience in the general area of gene expression such as DNA-protein interactions, transcription factors, and promoters is required. Stimulating academic environment, generous salary support and excellent living conditions. Send curriculum vitae and names of three referees to: Arun K. Roy, Ph.D., Professor of Cellular & Structural Biology, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78284–7762. The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity Employer.

POSTDOCTORAL POSITION

POSTDOCTORAL POSITION at HARVARD MEDICAL SCHOOL

RETIINOIC ACID RECEPTOR AND ETS TRANSCRIPTION FACTORS IN NORMAL AND LEUKEMIC MYELOID CELLS

Postdoctoral or research associate position available immediately for a Ph.D. in molecular biology to investigate the role of the retinoic acid receptor and its family transcription factors in the regulation of myeloid (neutrophil, monocyte, eosinophil, basophil) cells and to investigate the role of these factors in myeloid differentiation and acute myelogenous leukemia. Extensive experience in transcription factor work, molecular biology and cell biology is required. Fax (or mail) curriculum vitae and three letters of reference to: Dr. Daniel G. Tenen, Hematology Division, Beth Israel Hospital, 330 Brookline Avenue, Boston, MA 02215; FAX: 617-736-2399.

POSTDOCTORAL POSITIONS

NIH-funded postdoctoral positions available in two areas: (1) Protein oxidation and proteolysis, and (2) Regulation of gene expression in response to oxidative stress. Both positions require strong training and background in modern methods of Biochemistry and Molecular Biology. You will join a laboratory group of some 12 researchers involved in the above areas, but will have your own project. Our college has great interdisciplinary strength in the areas of genetics, biochemistry, protein degradation, and regulation of gene expression, and offers an excellent environment and facilities. Send curriculum vitae and the names of 3 references to: Professor Kevin J. A. Davies, Chairman, Department of Biochemistry & Molecular Biology, The Albany Medical College, Albany, NY 12208. Telephone: 518-262-5364, FAX: 518-262-5669.

POSTDOCTORAL POSITIONS

POSTDOCTORAL POSITIONS in cancer genetics available immediately to carry out studies aimed at localizing, identifying and characterizing tumor suppressor genes involved in the development of colorectal and prostate cancer. Preference will be given to candidates with experience in molecular biology. Please submit curriculum vitae, references and three letters of recommendation including telephone numbers to: Stephen N. Thibodeau, Ph.D., Department of Laboratory Medicine and Pathology, Mayo Clinic/Foundation, Rochester, MN 55905. Mayo Foundation is an Affirmative Action and Equal Opportunity Educator and Employer.

POSTDOCTORAL POSITION

POSTDOCTORAL POSITION in IMMUNOL-NEUROIMMUNOPHARMACOLOGY. A position is open on a training grant from the National Institute on Drug Abuse to study mechanisms of immuno-suppression by opioids. Applicant must be a U.S. citizen or meet the residency requirement of a NIDA Training Grant. Send curriculum vitae and names of 3 references to: Dr. Toby B. C. Lipton, Department of Laboratory Medicine and Immunology, Temple University School of Medicine, 3400 North Broad Street, Philadelphia, PA 19140; Telephone: (215) 221-3585. Temple University is an Affirmative Action/Equal Opportunity Employer.
Miles Inc., Pharmaceutical Division, is expanding its research program in osteoporosis and is looking for two experienced individuals for its Bone Metabolism section.

RESEARCH SCIENTISTS
OSTEOPOROSIS

The ideal candidate will have a Ph.D. in Cell Biology/Biochemistry with 4 plus years' experience in bone metabolism/osteoporosis. Candidates should have a strong background in the isolation, culture and characterization of bone cells and their precursors as well as in osteodifferentiation and primary cell culture, particularly of mesenchymal tissue. A knowledge of cytokine biology, ligand receptor interactions, and intracellular signalling pathways is desirable.

We offer attractive compensation and benefit programs. Resumes including salary history should be forwarded in confidence to: Miles Inc., Pharmaceutical Division, Dept. AABZ, 400 Morgan Lane, West Haven, CT 06516.

An Equal Opportunity Employer M/F/H/V.

RESEARCH SCIENTISTS
Central Nervous System Research

The Upjohn Company, a recognized leader in pharmaceutical research and development, is seeking two qualified neurobiologists for its Central Nervous System Research Unit.

The goal of this unit is the discovery of novel and marketable pharmacotherapeutic agents for the treatment of psychiatric and neurological disorders. Selected candidates will participate in an interactive and productive drug discovery effort, providing scientific leadership into the 21st century.

Applicants should possess a degree in the neurosciences, preferably pharmacology, and one or more years of post doctoral experience. Candidates with training and research orientation toward either the localization of the molecular events involved in neuronal injury via neuropathologically significant mechanisms, or the modulation of psychopharmacologically significant receptors and effectors are welcome to apply.

Upjohn offers a stimulating, multi-disciplinary research environment at our headquarters in Kalamazoo (a southwestern Michigan community located midway between Detroit & Chicago). An excellent salary and benefits package is provided. For confidential consideration, please submit your resume to:
THE UPJOHN COMPANY
Corporate Recruiting
Position Code #148
7000 Portage Road
Kalamazoo, MI 49001

We are an equal opportunity employer.

California Institute of Technology
The James Irvine Foundation
Minority Postdoctoral Fellowship

In accordance with the California Institute of Technology's policies to promote diversity among scientists, we announce a grant award from The James Irvine Foundation to support postdoctoral fellowships for American citizens who are members of minority groups. Combined with support from Caltech, this grant provides funding for two fellowships each year, each with an annual stipend of $38,000, and additional research and travel funds. The duration of this appointment will be for no more than three years, beginning with the 1993-94 academic year. Fellows are eligible to participate in Caltech's health and dental program.

The James Irvine Foundation Minority Postdoctoral Fellowship was established to help increase the representation of minorities in the sciences and engineering. It is available to those who have recently received their doctorates in the science or engineering fields of interest to faculty members at Caltech and who are United States citizens and are members of the following groups: Native American, African American, Hispanic, Native Alaskan, or Native Pacific Islander, and who otherwise qualify for Caltech's financial aid program. Irvine Fellows will be selected in accordance with equal opportunity requirements.

Applications should include a letter outlining desired field of research and a curriculum vitae. Three letters of reference should be submitted directly. All correspondence should be addressed to:

James Irvine Fellowship Search Committee
California Institute of Technology
Mail Code 210-31
Pasadena, CA 91125

Completed applications with references should arrive at Caltech before May 31, 1993.

Fellowship candidates will automatically be considered for other available postdoctoral positions at Caltech in their fields of interest.
PARASITOLOGY

POSTDOCTORAL POSITION immediately available to study the molecular mechanisms underlying regulation of cell-mediated immunity in snails to infection by different Plasmodium spp. Strong background in molecular biology, biochemistry and/or tissue culture desirable. Excellent training opportunity, competitive salary. Send curriculum vitae, with references to: Dr. Timothy Yoshino, Department of Pathobiological Sciences, University of Wisconsin, 2015 Linden Drive West, Madison, WI 53706. Affirmative Action/Equal Opportunity Employer.

YALE UNIVERSITY SCHOOL OF MEDICINE POSTDOCTORAL POSITIONS

To investigate molecular mechanisms of papillomavirus pathogenesis using site-directed mutagenesis and an animal model. Please send or fax: (203)-785-7499 curriculum vitae and three letters of reference to: Janet L. Brandtma, Ph.D., Section of Comparative Medicine, Yale University School of Medicine, 333 Cedar Street, New Haven, CT 06510. An Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE

Position(s) available immediately in the laboratory of Dr. Harold A. Singer at the Weiz Center for Research to identify calcium/calmodulin dependent protein kinase II and protein kinase A in a new nervous system and to study their functional roles in regulating contractile activity and cell growth. Applicants should have experience with molecular biological and biochemical approaches. Ph.D. or M.D. with postdoctoral training in the following areas is desirable: protein kinases, contractile protein regulation, signaling pathways involved in regulating gene expression and/or cell growth. Send curriculum vitae and the names and addresses of three references to: Giesinger Human Resources (HS), 100 North Academy Avenue, Danville, PA 17822-1529. Equal Opportunity Employer, M/F/H/V.

POSTDOCTORAL FELLOW IN MOLECULAR BIOLOGY/VIROLOGY

Position is available immediately in the laboratory of Molecular Neurobiology, Cornell University Medical College at the Burke Medical Research Institute. The project area is viral gene targeting in the central nervous system. Send curriculum vitae with three references to: Ms. Maureen McCrum, Molecular Neurobiology, Burke Medical Research Institute, 785 Mamaroneck Avenue, White Plains, NY 10605.

POSTDOCTORAL FELLOWSHIP

The Pulmonary Biology/Toxicology Program in the Life Sciences at the Los Alamos National Laboratory is seeking postdoctoral fellows to perform basic cellular and molecular biological research in the areas of acute lung injury and pulmonary macrophage- fibroblast interactions. Applicants should have received their doctoral degrees within the last 3 years. Postdoctoral appointments are for 2 years. The starting salary range is $33,000-$47,000. For preliminary consideration, please send curriculum vitae and publications to: Mary Anne With (MS 2820), Human Resources Development Division, Box PD-93-123, Los Alamos National Laboratory, Los Alamos, NM 87545. For preliminary information, contact: Bruce E. Lehner, Ph.D., LS-1, MS 288, Los Alamos National Laboratory, Los Alamos, NM 87545. Phone: (505) 677-2753. Affirmative Action/Equal Opportunity Employer. Los Alamos National Laboratory is operated by the University of California for the U.S. Department of Energy.

POSTDOCTORAL FELLOW in addictions research for a recent Ph.D. or Ph.D. with 1 to 2 years of postdoctoral experience to conduct studies on: (a) bio-chemical markers, (b) pharmacotherapy, or (c) detection of alcoholism/ heavy alcohol intake. Prefer background in biochemistry, psychology, or statistical methods, and strong desire to be an independent investigator. Send curriculum vitae, reprints, and research goals to: Chair, Postdoctoral Search Committee, Research Institute on Addictions, 1021 Main Street, Buffalo, NY 14203. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOW Molecular Hematopoiesis Indiana University School of Medicine

A postdoctoral position is available for research on the mechanisms by which lymphoid and myeloid tissues interact in the bone marrow and in vitro. Experimental areas include: (a) retinoic acid as a signal for myeloid colony formation, (b) regulation of myeloid colony formation by growth factors, and (c) myeloid progenitors in primary culture. Position is supported by an NIH grant. Send curriculum vitae, research interests and three letters of reference to: Dr. David A. Williams, Herman B. Wells Center for Pediatric Research, Indiana University School of Medicine, 702 Barnhill Drive, Indianapolis, IN 46202. An Equal Opportunity Employer.

JAVITS FELLOWSHIP, NEUROIMMUNOLOGY

Two research positions for M.D. or M.D./Ph.D. with background in neurology, neuropsychiatry, neurorecovery or related area, investigating immune-mediated demyelinating diseases. Projects include role of endothelial cells in EAE (Dore-Duffy and Swansson); resistance mechanisms in adoptive EAE (Tse); effects of monokines on Schwann cell repair (Vasak); antibodies to glycocorticoid receptor function (Behrens) etc. Send résumé and names of 3 references to: S. Wassmund, Neurology, Wayne State University School of Medicine, 4440 John R., Detroit, MI 48221. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL ASSOCIATE/RESEARCH SCIENTIST

Position available immediately for two molecular biologists to join a group dedicated to understanding the structure-function relationship and interaction of human salivary molecules at the molecular level. Project will involve expression and purification of genes and their mutant forms in E. coli, and/or baculovirus and mammalian expression systems as well as the purification and functional analysis of recombinant proteins. A strong background in molecular biology is required with additional experience in protein chemistry. Ph.D. or equivalent with up to three years of postdoc- toral experience required. Send curriculum vitae and three letters of reference to: Michael J. Levine, Professor, Department of Oral Biology, State University of New York, 110 Old Nassau, NY 11710. The Research Foundation of SUNY/Buffalo is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL RESEARCH ASSOCIATE

Department of Biochemistry and Molecular Pathology

Postdoctoral Research Associate position is available to participate in a research project to study the molecular mechanisms of regulation of bile acid synthesis and cholesterol homeostasis by purification of cytochrome P450 enzymes in the pathway, gene cloning and sequencing, heterologous expression, and site-directed mutagenesis. Experience in molecular biology, enzymology and tissue culture techniques are prerequisites. Send résumé to: Dr. John Y.L. Chang, c/o Human Resources, Northeastern Ohio Universities College of Medicine, 4209 State Route 44, P.O. Box 96, Rootstown, OH 44272-0095. Equal Opportunity/Affirmative Action Employment.

POSTDOCTORAL RESEARCH ASSOCIATE

Position available to Ph.D. or M.D. for studies of T cell tolerance in murine grafting, focused on the functional interaction between T cells and antigenic hema-topoietic cells. Send curriculum vitae and names of 3 references to: Dr. Claudio Anasetti, Immunogenetics Program, Division of Clinical Research, Fred Hutchinson Cancer Research Center, 1124 Columbia Street, Seattle, WA 98104. Or: FAX: (206) 667-6468. We are an Equal Opportunity Employer and provide a smoke-free environment.


NEUROLOGICAL INSTITUTE

Columbia-Presbyterian Medical Center

POSTDOCTORAL position for electrical engineer in hospital-based laboratory investigating clinical motor physiology. Applicant must have Master's degree in engineering or related discipline, with data acquisition electronics and programming in the Macintosh operating system. Preference given to candi- dates with experience in physical data collection and analysis. Send curriculum vitae and three letters of refer- ence to: Dr. Seth Pullman, Director, Clinical Motor Physiology, Section of Neurological Institute, Columbia-Presbyterian Medical Center, 710 West 168th Street, New York, NY 10032. Columbia University is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE

Currently seeking an individual with a master's or Ph.D. to run a lab, under the direction of Dr. Cave, that focuses on the pathogenesis of Helicobacter pylori infection. The individual should have 3 to 5 years of laboratory experience and be familiar with separation tech- niques applicable to bacterial products. The project also involves the use of bioassays and molecular genetics. We offer an excellent compensation and benefits package. Please send résumé to: Employment Office, St. Eliza- beth's Hospital, 736 Cambridge Street, Boston, MA 02215. Equal Opportunity Employer.

RESEARCH ASSOCIATE

To conduct research on cellular and molecular mechanisms in cell growth regulations, using genes techniques in biochemical, molecular and cell biology and immunology. Ph.D. in Biochemistry; 3 years of experience. Must have published papers. Position and interview: Los Angeles. Send résumé to: Job No. NOF 779, P.O. Box 209605, Sacramento, CA 95826-9065 no later than March 8, 1993.

RESEARCH ASSOCIATE

Duke University Medical Center

Postdoctoral position immediately available to study the molecular genetics of inherited coagulation disorders and structure-function relationships in coagulation pro- teins. Experience in molecular biology and biochemistry is desirable. Please send curriculum vitae, list of publica- tions and names of three references to: Dr. William H. Kane, M.D., Ph.D., Department of Medicine Box 3566, Duke University Medical Center, Durham, NC 27710. FAX: (919) 613-5660. An Affirmative Action/Equal Opportunity Employer.

The Biotechnology Patent Examining Group of the Patent and Trademark Office is currently recruiting sci- entists for positions as PATENT EXAMINERS. Indi- viduals with advanced degrees and/or equivalent experi- ence in the fields of molecular biology, gene therapy, transgenic animals, animal science, biochemistry, protein engineering and microbiology are urged to send a résumé or SF-171 to the following address:

Patent and Trademark Office Office of Personnel Box 414 Washington, DC 20231 K. Clark (180)

For further information, call (703) 308-1123. U.S. CITIZENSHIP IS REQUIRED FOR EMPLOYMENT.

SUPERVISING RESEARCH FISHERY BIO- LOGIST, or SUPERVISING RESEARCH WIL- LIFE BIOLOGIST, or ASSOCIATE or RE- SEARCH ZOOLOGIST. The U.S. National Marine Fisheries Service announces a permanent interdisciplinary- position. Serves as Chief of the Marine Mammal Division, Southwest Fisheries Science Center, La Jolla, California and is responsible for original research related to interactions between marine mammals and U.S. con- servant fisheries, and/or marine mammal research and must have demonstrated lead- ership skills. Must have a publication record demonstrating leadership. Includes positions: Research Fish: GM-15, $66,090 to $86,589 yearly. Application SF-171 and curriculum vitae must be received by close of business on March 8, 1993. Write: NMFS, 7600 Sand Point Way N.E., Seattle, WA 98115-0070. Enter W/FSCRSS-075FM on item #1 of SF-171. Equal Opportunity Employer.
Domain Coordinators

Public Health • Demographics

The Consortium for International Earth Science Information Network (CIESIN), located in Mid-Michigan, was established to facilitate worldwide access to, use of, and understanding of information about global environmental change.

CIESIN provides data products and services which enable interdisciplinary research to improve our understanding of the human dimensions of global environmental change in conjunction with NASA's Earth Observing System program. One of CIESIN's major goals is to present this data in more useful formats to a broad user community, including both natural and social scientists.

To help in this mission, we have two newly-created opportunities for Domain Coordinators in Public Health and in Demographics. One of CIESIN's major goals is to present this data in more useful formats to a broad user community, including both natural and social scientists.

Requirements include a Master's of Science degree in a domain-related discipline or Bachelor's degree and five years experience in domain-related research, working knowledge of global environmental change research, and experience with domain data archives and data analysis. A related PhD and experience and/or training in the use of information technologies, such as DBMS, GIS, visualization, and statistical analysis, are preferred. Familiarity with U.S. GCRP, IGBP, HDF or WCRF, as well as NASA and the EOSDIS program, is a plus.

We offer a competitive salary, comprehensive benefit program, and the excitement of a growing organization. For consideration, please forward your resume and cover letter indicating salary requirements in confidence to:

CIESIN
Human Resources Dept. - DC
2250 Pierce Rd.
University Center, MI 48710
An Equal Opportunity Employer

MOLECULAR BIOLOGY & BIOCHEMISTRY POSITION

The Department of Dermatology, University of Michigan has available a postdoctoral fellow position to study molecular mechanisms of skin activation. The objective of the project is to identify key novel genes that regulate skin growth and inflammation in response to external stimuli. The Department of Dermatology offers a multi-disciplinary research environment, competitive salary, and excellent opportunity for career development.

Send curriculum vitae to:
John J. Voorhees, M.D., Professor and Chairman, Department of Dermatology, University of Michigan, 1301 E. Catherine, Kresge 1, R6558, Ann Arbor, Michigan 48109-0528.

The University of Michigan is a non-discriminatory, Affirmative Action employer.

THE UNIVERSITY OF MICHIGAN
DEPARTMENT OF DERMATOLOGY

INTERNATIONAL CAREER OPPORTUNITIES

Now SCIENCE makes it easy to reach scientists both in the U.S. and abroad! Located in the 26 March recruitment advertising section of SCIENCE, this new banded section will be reserved exclusively for international employment opportunities. Each page will be specifically marked for easy reference to ensure that your international employment opportunity will be seen by SCIENCE's 155,000 circulation. No other publication offers such a unique way to target potential U.S. and European candidates.

BONUS DISTRIBUTION:
Experimental Biology (FASEB) Meeting
March 28–April 1 in New Orleans, LA
Over 10,000 life sciences researchers worldwide will be attending.

Don't miss this unique opportunity! Call Janis Crowley, Recruitment Advertising Manager, at (212) 496-7704. In Europe: Call or fax Annemarie Vis, European Recruitment Sales Manager in England on +44-223-424-695

SPACE RESERVATION DEADLINE:
MONDAY, MARCH 8, 1993
POSITIONS OPEN

University of California, San Diego (UCSD), Scripps Institute of Oceanography (SIO), California Space Institute (CSI) has one opening for an ASSISTANT PROJECT SCIENTIST. Applicants should have a Ph.D. in mechanical engineering or physics. Past experience with radiative transfer calculations using models based on LOWTRAN to study greenhouse trapping in the atmosphere required. Candidates should be able to perform analyses of surface energy budgets and its special characteristics. The chosen Project Scientist should be able to provide leadership in the PI’s absence and make original contributions to our project on Instrument Investigation, Clouds and Earth Radiant Energy System (CERES). The project tasks include using a radiation code with resolution of 20km-L to model radiances in the infrared spectrum. The successful candidate will compute climatology of the surface radiation budget in the window and non-window channels to determine greenhouse gas absorptions. (Assistant) Project Scientist is not a career position, appointment may be made for a maximum of two years at a time; total service in this title is limited to six years. Applicants may not act as sole Principal Investigator, but may serve as co-PI by exception. Applicants should submit a résumé and a list of publications prior to the closing date of March 31, 1993 to:

Hung Nguyen
Scripps Institution of Oceanography
University of California, San Diego
La Jolla, CA 92093-0239

Salary will be commensurate with rank within UC salary scales. The University of California is an Equal Opportunity/Affirmative Action Employer.

ENVIRONMENTAL SCIENTIST: 3D/Environmental Services, Inc., a rapidly growing, multidisciplinary consulting firm is seeking experienced individuals at the Ph.D., M.S., and B.S. level. A specialty in forestry and plant taxonomy is preferred, but expertise in wildlife biology, soils science, and hydrology will be considered. Experience with habitat restoration/creation, multidisciplined project management, and construction management is required. Strong written and oral skills are essential. Send application materials to: Dr. Virgil Brack, Jr., 3D/ESI, 781 Neub Road, Cincinnati, OH 45233.

ALZHEIMER’S DISEASE RESEARCH CENTER’s pos.

BELUGA WHALE POPULATION GENETICS: Molecular population geneticist experienced in sequencing mitochondrial DNA, and analyzing molecular population genetic data, to conduct research into the stock structure of beluga whale populations. Position available immediately. Ph.D. or equivalent required. Send applications, including curriculum vitae, publications list, selected reprints, and names and addresses of two professional references to:

Dr. James W. Clayton
Canada Department of Fisheries and Oceans
501 University Crescent
Winnipeg, Manitoba, Canada R3T 2N6
FAX: 204-984-2405

Palo Alto Institute of Molecular Medicine. Non-profit basic research institute seeks BIOMEDICAL SCIENTISTS with RO1 or other funding. Work near the birthplace of biotechnology! Send curriculum vitae and research interests to: Research, Box 294, Redwood City, CA 94064.

ECOLOGIST

Greenfalk Consultants, a small environmental consulting firm seeks a broadly trained ecologist (Ph.D. or equivalent) interested in contributing to ongoing research on birds of prey and developing an externally funded research program. Greenfalk currently specializes in studies of impacts on avian species, but plans to expand into studies of other taxa, as well as forest, wetland and aquatic ecology. Population and landscape orientation desirable. Greenfalk encourages the expression of personal research interests and provides solid support for equipment and computer needs. Send résumé, names and addresses of 3 references, and letter detailing research interests to: John Marzluff, Greenfalk Consultants, 8210 Gantz Avenue, Boise, ID 83709.

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ECOLOGIST

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