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POSITIONS OPEN

WILDLIFE ECOLOGY AND CONSERVATION DEPARTMENT CHAIR
University of Florida

Applications and nominations are invited for the position of DEPARTMENT CHAIR, and CHAIR of Wildlife Ecology and Conservation at the University of Florida. The Department offers the B.S., M.S., and Ph.D. degrees in Wildlife Ecology with programs in conservation biology, landscape ecology, and human dimensions, as well as graduate programs in tropical conservation, urban wildlife relations, and conservation education. Must have earned doctorate, with one or more degrees in ecological science or natural resource management, with demonstrable exceptional record of scholarly and leadership abilities to foster the department’s regional, national, and international programs. Candidates must have vision and ability to enhance the University’s role in the greater scientific resource management community, and to develop and strengthen interdisciplinary ties within the university. Applications should include letter of intent; curriculum vitae; university transcripts; and names, addresses, and telephone numbers of five references, to be sent to: Dr. Susan K. Jacobson, Chair, Search and Screen Committee, Department of Wildlife Ecology and Conservation, P.O. Box 110430, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL 32611-0430. Telephone: 352-392-4851; FAX: 352-392-6984; Email: search@sws.ufl.edu. Review of applications will begin January 19, 1997.

POSITIONS OPEN

WILDLIFE ECOLOGY AND CONSERVATION

Department of Atmospheric Sciences
University of Alberta

The Department of Earth and Atmospheric Sciences plans to strengthen its research programs in resource/environmental management. We are particularly interested in individuals in the sociological, wildlife management, of environmental earth science and geological activity. The Department is exceptionally well-equipped and has an international reputation for teaching and research excellence. The Department will develop an active research program that includes the supervision of M.S. and Ph.D. students and interaction with other faculty members who are engaged in research in this area. For further information about the position, please contact: Dr. E. Jackson, Telephone: 403-492-0342; Email: Ed.Jackson@ualberta.ca. Detailed information about this position and application can be obtained by clicking on http://www.ualberta.ca/~eas/home.html.

The appointment will be at the ASSISTANT PROFESSOR level (salary range: $39,230 to $55,526). Applicants must have obtained a Ph.D. degree and an established research record. Previous teaching experience would be a significant asset. Applications, including a resume, a statement of research interests, and the names and addresses of three referees, should be sent to: Dr. Brian Jones, Chair, Department of Earth and Atmospheric Sciences, University of Alberta, Edmonton, Alberta T6G 2E3 Canada. Fax: 403-492-2030; Email: bjoness@gwps.uni.ualberta.ca. The deadline for receipt of applications is December 1, 1996. The appointment will commence on July 1, 1997 providing a suitable candidate can be found. The University of Alberta is committed to diversity in employment and we welcome applications from all qualified women and men, including Aboriginal peoples, persons with disabilities, and members of visible minorities.

ASSISTANT PROFESSORS
UNIVERSITY OF IDAHO

We invite applications for two TENURE-TRACK positions in the Department of Biological Sciences. Candidates for the first position, in plant molecular systematics and evolution, must have postdoctoral research experience and be expected to establish a vigorous, externally funded research program. The successful candidate will be expected to teach an undergraduate course in systematics and a second course in his or her area of specialization. Candidates for the second position should have a background in functional genomics. The successful candidate will teach an undergraduate course in molecular genetics and a second course in his or her area of expertise. Send curriculum vitae; statement of research interests and teaching philosophy; and the names, addresses, telephone numbers, and home addresses of at least three references to: Patricia McCarroll, Coordinator for Search Committee, Department of Biological Sciences, University of Idaho, Moscow, ID 83844-3051 U.S.A. by November 15, 1996. Email: pmc@aspen.csrv.uidaho.edu; http://www.uidaho.edu/Letters_and_Science/Bio/s/.

To enrich educational diversity, the University of Idaho is an Equal Opportunity/Affirmative Action Employer.

MEDICAL GENETICIST:
The Department of Pediatrics at the University of Utah is seeking applicants for a tenure track position at the Professor level. Candidates must be Board certified in pediatrics/medical genetics with active research interests in evolutionary genetics and human limb development. Individuals with a strong background in developmental biology and genetics, including experience in mammalian and/or zebrafish genetics are desired. The appointee will be expected to participate in clinical services and the education of housestaff, and to maintain an active research program. Contact:

Department of Pediatrics
50 North Medical Drive
Salt Lake City, UT 84112

The University of Utah is an Equal Opportunity/Affirmative Action Employer and encourages women and minorities to apply.

TENURE-TRACK FACULTY POSITIONS
NEUROSCIENCE

University of Minnesota, Department of Neurosciences

Applications are invited for a tenure-track faculty position at the Assistant Professor level. The successful applicant will be expected to establish a vigorous research program and to teach in our integrated neuroscience curriculum. The department supports a large number of graduate students and postdoctoral fellows, with approximately 50 new students admitted each year. The University of Minnesota is an Affirmative Action/Equal Opportunity Employer and welcomes applications from groups that have been underrepresented in neuroscience.

This position is expected to begin on a date mutually acceptable to the candidate and the Department, and applications will be accepted until the position is filled. Application materials should include a curriculum vitae, a statement of research interests and plans, and a statement of teaching philosophy. The three recent letters of reference should be sent to: Dr. Margaret D. Johnson, Chair, Department of Neurosciences, University of Minnesota, 501 Delaware Street, S.E., Minneapolis, Minnesota 55455. The search committee will begin reviewing applications on November 1, 1996.

TENURE-TRACK FACULTY POSITION
Biomedical Engineering
Rice University

The Department of Bioengineering at Rice University invites applications for a TENURE-TRACK faculty position in laborator/e environments. Applicants should have a strong multidisciplinary background in laser biomedicine including such fields as photobiology, photomedicine, photochemistry, optics, and imaging, and (b) a record of research accomplishments. Excellent research and competitive funding. We are particularly interested in researchers with exceptionally strong research expertise at both the macro level of tissues and the micro/nanoscale level of cells, organelles, and molecules. The successful applicant would establish research collaborations with institutions at the Texas Medical Center and engage in collaborative engineering at Rice University.

Applicants would be expected to develop and teach courses in the area of biomedical engineering at the undergraduate and graduate levels. Applicants should submit curriculum vitae that includes a list of publications, a statement describing a research program in laser biomedical diagnostics and therapy, and names of at least three references to: Professor Larry V. McIntire, Chair, Department of Bioengineering, Rice University, 6100 Main Street, Houston, TX 77005-1892. For full consideration, applications should be received by January 1, 1997. Rice University is an Equal Opportunity/Affirmative Action Employer. Women and minority candidates are encouraged to apply.

WILDLIFE ECOLOGY AND CONSERVATION DEPARTMENT CHAIR
University of Florida

Applications and nominations are invited for the position of DEPARTMENT CHAIR, and CHAIR of Wildlife Ecology and Conservation at the University of Florida. The Department offers the B.S., M.S., and Ph.D. degrees in Wildlife Ecology with programs in conservation biology, landscape ecology, and human dimensions, as well as graduate programs in tropical conservation, urban wildlife relations, and conservation education. Must have earned doctorate, with one or more degrees in ecological science or natural resource management, with demonstrable exceptional record of scholarly and leadership abilities to foster the department’s regional, national, and international programs. Candidates must have vision and ability to enhance the University’s role in the greater scientific resource management community, and to develop and strengthen interdisciplinary ties within the university. Applications should include letter of intent; curriculum vitae; university transcripts; and names, addresses, and telephone numbers of five references, to be sent to: Dr. Susan K. Jacobson, Chair, Search and Screen Committee, Department of Wildlife Ecology and Conservation, P.O. Box 110430, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL 32611-0430. Telephone: 352-392-4851; FAX: 352-392-6984; Email: search@sws.ufl.edu. Review of applications will begin January 19, 1997.
Scientists and Engineers

MBI International has openings for experienced candidates with advanced degrees and strong scientific/engineering expertise to fill key project leadership positions. MBI is interested in entrepreneurial individuals with capabilities for the development and potential commercialization of novel products in the areas of nutracueticals, biomaterials, cellular and molecular biology, fermentation, animal feeds/nutrition and environmental biotechnology. Qualified candidates will have experience in developing technology and ability to attract external R&D funding from government and private industry.

MBI is also looking for bright, energetic postdocs and junior scientists/engineers with degrees in the science and engineering disciplines who possess 0-3 years of relevant work experience.

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MBI offers a competitive salary/benefits package. Send your resume to: MBI International – HR, P.O. Box 27609, Lansing, MI 48909. MBI is an Equal Opportunity Employer.

NORTHWESTERN UNIVERSITY
INSTITUTE FOR NEUROSCIENCE

Assistant Director. The Northwestern University Institute for Neuroscience (NUIN) is a large and active interdepartmental program which, in addition to offering a Ph.D. in neuroscience, serves in general to coordinate and promote neuroscience at Northwestern. The position, newly created, provides a great challenge to the right individual. Duties include initiation and development of Institute strategies for seeking funds for academic and research programs, project management, responsibility for upkeep and renewal of facilities, computer-assisted administrative procedures, linkage with other Centers and Programs, editing a newsletter for the NUIN constituency, and coordination of activities on the Evanston and Chicago campuses of Northwestern. Candidates must have a Ph.D. degree in the life sciences and previous experience in writing research grant proposals. Academic and administrative experience is preferable but not required. The Assistant Director has a non-tenure track faculty level appointment at the University. Information on NUIN can be found at
http://nuinfo.nwu.edu/nuin

Screening of applications will begin immediately and continue until the position is filled. The start date is negotiable. With the cover letter, please include curriculum vitae, list of publications, and 2-3 representative reprints, and arrange for three references to be sent to:
Ernico Mugnaini, M.D., NUIN Director, Scarpé 5-474, 320 E. Superior St., Chicago, IL 60611.

Women and members of minority groups are encouraged to apply. Northwestern University is an AA/EEO Employer. Hiring is contingent upon eligibility to work in the United States. For informal inquiries: email: J-Brunet@nwu.edu

ASSISTANT PROFESSORS
LOUISIANA STATE UNIVERSITY

Louisiana State University has recently established a new Department of Biological Sciences by merging its Departments of Biochemistry, Microbiology, Plant Biology, and Zoology and Physiology. Pending final approval, this sixty-member academic and research department anticipates filling three tenure-track assistant professor positions for August 1997. Responsibilities for all positions include developing a successful research program, directing students, and teaching undergraduate and graduate courses. Successful applicants for these positions will have the Ph.D. or equivalent degree in a biological science or related field. A complete application will consist of a curriculum vitae, selected reprints, plus a brief statement of research goals and teaching interests and experience. In addition, three letters of reference should be sent directly to the search committee chair. Official review of applications will begin on November 15, 1996, and will continue until each position is filled. Anticipated positions are:

Developmental Genetics: Applications are invited from individuals with postdoctoral research experience in the field of developmental genetics. Complete applications should be sent to: Dr. Thomas Moore, Developmental Genetics Search Committee Chair, Department of Plant Biology, Baton Rouge, LA 70803.

Signal Transduction: Applications are invited from individuals working in the area of signal transduction in non-mammalian systems. Candidates must have a minimum of two years of postdoctoral experience. Complete applications should be sent to: Dr. Terry Bricker, Signal Transduction Search Committee Chair, Department of Microbiology, Baton Rouge, LA 70803.

Evolutionary Theory: Applications are invited from individuals conducting research in one or more of the following areas: molecular evolution theory and analysis; systematic theory and analysis; computational evolutionary biology. Development of computer-based models to study genome evolution, development of state-of-the-art methods for biological sequence analysis, and application of high performance computing to phylogenetic analysis are among the areas in which we are most interested. LSU has outstanding computer facilities including advanced parallel computing laboratories. Complete application should be sent to: Dr. Mark Hafner, Evolutionary Theory Search Committee, Museum of Natural Science, Louisiana State University, Baton Rouge, LA 70803. LSU is an Equal Opportunity/Affirmative Action Employer.

Postdoctoral Training in Immunology

Kimmel and Fox Chase Cancer Centers
Philadelphia, PA

Developmental Immunology Training Program, Kimmel Cancer Center, Thomas Jefferson University and Fox Chase Cancer Center: T. Manser (Director), antigen-driven B cell development, autoimmunity; M. Bosma (Co-director), V(DJ) recombination, immunodeficiencies; C. Croce, aberrant V(DJ) recombination; L. Eisenlohr, class I and II antigen processing and presentation; K. Hayakawa, generation of memory B and T cells; R. Hardy, fetal and adult B cell development; D. Kappes, CD3 in T cell development; H. Koprowski, anti-viral vaccine design; R. Korngold, CD4 function, autoimmunity; R. Peters, regulation of immunoglobulin gene transcription; B. Perussia, Fc receptor function, NK cell development; R. Pomerantz, immunobiology of HIV; J. Rothstein, early hematopoiesis; L. Siracusa, mouse genetics, autoimmunity.

Program support requires USA citizenship or permanent residence status. Applicants should send curriculum vitae and three letters of reference to M. Pomerantz, Department of Immunology, Kimmel Cancer Center, 233 S. 10th Street, Rm. 910 BLSB, Philadelphia, PA 19107-5541. Phone: 215-563-6687; Fax: 215-923-1096; email: J_Baltzky@iaci.fciu.edu. We are an equal opportunity institution.

Faculty Positions, Anatomy and Cell Biology, University of North Dakota, School of Medicine and Health Sciences

Applications are invited for two tenure track positions at the assistant professor level to begin July 1, 1997. The first position is sponsored jointly by the Departments of Anatomy and Cell Biology, Physical Therapy, and Occupational Therapy. Responsibilities in an interdepartmental gross anatomy course for physical and occupational therapy students. Candidates for both positions must have recent experience in teaching PT/OT anatomy (or other allied health sciences anatomy with emphasis on extremities/function) will be given high consideration. A second position, sponsored solely by the Department of Anatomy and Cell Biology, requires expertise in human histology and cell biology, and developmental anatomy, and the successful candidate will contribute equally to team-taught courses in those fields. Candidates for both positions will be expected to contribute to graduate student education and must have a Ph.D. or equivalent degree. Minimum of at least 2 years of postdoctoral training. Research experience is preferred in cell and developmental biology, molecular biology, and/or related fields. Successful applicants will be expected to carry on vigorous extramurally funded research programs. Review of applications will begin immediately and continue until the positions are filled. Candidates for the first position should send curriculum vitae, descriptions of research and teaching experience, and three (3) letters of reference to Dr. Edward C. Carlson, Chair, Dream Committee. Candidates for the second position should send the same information to Dr. Mark D. Okon, Search Committee Chair, Department of Anatomy and Cell Biology, School of Medicine, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota 58202.

The University of North Dakota is an equal opportunity/affirmative action employer and invites applications from all qualified individuals.
PENN STATE UNIVERSITY
DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
ASSISTANT PROFESSOR
Two Faculty Positions (Tenure Track)

Penn State has made a commitment to expanding education and research in the biological sciences through a new, university-wide Life Sciences Consortium. As part of this research emphasis, the Department of Biochemistry and Molecular Biology invites applications for two positions at the ASSISTANT PROFESSOR level. The Department has excellent research facilities and provides competitive startup packages and state-funded salaries.

PROTEIN CRYSTALLOGRAPHY

A protein crystallographer is sought to strengthen the structure/function group at Penn State. Preference will be given to candidates with research interests that complement existing strengths of the Department including protein-nucleic acid interactions, electron transport pathways and enzymology. The successful candidate will be eligible to participate in a recently funded NSF training grant. The application should include current curriculum vitae, list of publications and a brief statement of research interests (three pages or fewer). In addition, three letters of reference on applicant’s behalf should be sent to:

Dr. Gregory K. Farber
Department of Biochemistry and Molecular Biology
108 Althouse Laboratory, Box PX-S
Penn State University
University Park, PA 16802

YEAST CELL BIOLOGY

We seek a cell biologist to join an expanding group of faculty interested in genetic and biochemical approaches to gene regulation, signal transduction, differentiation and development. Preference will be given to candidates addressing fundamental questions in cell biology using Saccharomyces cerevisiae as the organism of study. The application should include current curriculum vitae, list of publications and a brief statement of research interests (three pages or fewer). In addition, three letters of reference on applicant’s behalf should be sent to:

Dr. Robert T. Simpson
Department of Biochemistry and Molecular Biology
108 Althouse Laboratory, Box YB-S
Penn State University
University Park, PA 16802

Review commences 1 December 1996; applications accepted until positions filled.

An Affirmative Action/Equal Opportunity Employer. Women and Minorities Encouraged to Apply.

St. Jude Children's Research Hospital
ALSAC • Danny Thomas, Founder

The Morrison Memorial Postdoctoral Fellowship

The Department of Biochemistry, St. Jude Children’s Research Hospital, is engaged in research in the area of molecular and cellular biology. To promote research in the Department, the Board of Governors has established a memorial fellowship in honor of Dr. Martin Morrison, the founding chairman of the Department. The research programs within the Department are well supported and offer recent Ph.D. or M.D. graduates the opportunity to join energetic multidisciplinary groups dealing with a range of basic and clinically oriented research. Salaries are commensurate with experience. Competition for the fellowship will begin October 15, 1996 and remain open until a candidate is selected. Current research programs within the Department include:

Paul Brindle: Regulation of transcription factor interactions with the transcriptional co-activators CBP and P300.

John Cleveland: Oncogene control of apoptosis, cell cycle progression and gene expression in cancer and development.

James N. Ihle: Mechanisms of hematopoietic stem cell growth regulation, differentiation and transformation.

Paul Ney: Globin gene regulation and erythroid differentiation studied through homologous recombination in ES cells.

Suzanne Jackowski: Regulation of membrane formation and trafficking during the cell cycle.

Charles Rock: Regulation of growth factor-initiated phosphatidylinositol turnover.

Brian Sorrentino: Retrovirally mediated transfer of drug resistance genes to hematopoietic cells, for myeloprotection and in vivo selection.


Applicants should submit a brief statement of their research interests, curriculum vitae, reprints, and the names of three references to: The Morrison Postdoctoral Fellowship, Department of Biochemistry, St. Jude Children’s Research Hospital, 332 North Lauderdale, Memphis, TN 38101.

An Equal Opportunity/Affirmative Action Employer
Director, Hawai'i Institute of Marine Biology
School of Ocean and Earth Science and Technology
University of Hawai'i at Mānoa

The University of Hawai'i at Mānoa, a land-, sea-, and space-grant institution with an enrollment of approximately 20,000 students, is seeking a distinguished scientist to assume the directorship of its Hawai'i Institute of Marine Biology (HIMB). The Institute's permanent staff currently includes nine state-funded research faculty and 16 support staff. In addition, faculty from various University of Hawai'i colleges are affiliated with HIMB, as are three scientists from Federal agencies. The number of short-term visiting scientists averages about 40-50 annually. The Institute's Director reports directly to the Dean of the prestigious School of Ocean and Earth Science and Technology (SOEST), the largest school within the University.

The Institute's principal facilities and operations are located on Coconut Island, a coral reef island in Kāne'ohe Bay on the windward side of the island of O'ahu, about 15 miles from the Mānoa campus. At present, its general research program encompasses basic and applied aspects of tropical marine biology and coral reef ecology, including areas of emphasis in aquaculture, coastal ecology and resource management, conservation biology and biodiversity, and marine endocrinology and physiology. The Institute is in the process of planning a $9 million expansion of its facilities, funded by a gift from the Edwin Pauley Foundation.

Candidates are sought with vision and leadership skills; with broad, progressive views of marine biology; with a proven ability to compete for research funds; and with thorough dedication to the Institute's wide range of research, education, and service activities. Appointed by the President of the University, the Director is expected to foster close interaction between HIMB and other units of SOEST and the University. Applicants must have: a doctoral degree in a relevant field; a distinguished, nationally established reputation in marine-related research; and experience in obtaining and in the administration of a research institute or large research program.

Collaborative experience with other institutions, including those of other countries, is highly desirable. The salary will be competitive and commensurate with qualifications and experience. Application letters, including a resume and the names, addresses, and telephone numbers of at least four professional references, and requests for information should be sent to: Dr. Edward Laws, Chair, HIMB Director Search Committee, University of Hawai'i at Mānoa, 2444 Dole Street, Bachman Hall 105, Honolulu, Hawai'i 96822.

The University of Hawai'i at Mānoa is an Equal Opportunity/Affirmative Action employer. Women and minority candidates are encouraged to apply.

FACULTY POSITION
BIOMEDICAL LASER RESEARCH

A faculty position at the level of Assistant, Associate, or Full Professor is available at the New England Eye Center, Tufts University School of Medicine, to conduct ophthalmic laser research and to develop novel techniques for optical tomography and laser surgery. Potential candidates should have a strong background in optics and lasers, good communication skills, and an ability to work closely with clinical investigators. A Ph.D. degree in physics, biomedical engineering, biophysics, optics, or related field is preferred. Successful candidate will develop his or her own independent research program. Please send CV and three letters of recommendation to Carmen A. Pulinaitis, M.D., Director, New England Eye Center, 750 Washington Street, Boston, MA 02111, FAX 617-636-4215.

FACULTY POSITION
TENURE TRACK
Plant Molecular Genetics
Department of Biology
University of California, San Diego

The Department of Biology at the University of California, San Diego invites applications for a tenure-track faculty position at the Assistant Professor level. The Department is seeking exceptional candidates pursuing imaginative approaches to any basic problem in plant biology using contemporary techniques in biochemistry, genetics, and cell biology. The successful candidate is expected to develop an innovative and vigorous research program and to participate in graduate and undergraduate teaching.

A Ph.D. degree and two or more years of productive postdoctoral research experience are required. Salary (based on the UC pay scale) will be commensurate with qualifications and experience. This position is subject to availability of funds.

Applicants should send curriculum vitae with your phone and fax numbers and e-mail address, a statement of research interests and experience, and the names, phone numbers, and e-mail addresses of three references by November 25, 1996, to:

Plant Biology Search Committee
University of California, San Diego
Department of Biology 0346

9500 Gilman Drive
La Jolla, CA 92037-0346

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

General Pharmacology
As the successful candidate, you will be a dynamic scientist leading a small team involved in 1) evaluating the in vivo General Pharmacology of new drugs and in 2) the development of new models which predict therapeutic application. You will possess a Ph.D. with experience in quantitative in-vivo measures of drug action on the cardiovascular and respiratory systems as well as other system functions such as kidney or gastrointestinal tract. Experience with automated and telemetric methods of measuring drug activity would be an asset as would previous experience in the industry. Ref: LP-GP

Cellular Electrophysiology
As the successful candidate, you will work in collaboration with pharmacologists and molecular biologists characterizing drug action on membrane receptors and ion channels. The work will be related to the developing of new analgesics and studying mechanisms of nociception. You will possess a Ph.D. degree with experience of quantitative measures of drug effects on nerves and nerve membranes. Ref: LP-CE

Astra is a pharmaceutical company in a phase of rapid growth. Operations, which are highly international, encompass research, production and marketing of pharmaceuticals through subsidiaries, agents and licensees around the world. The Group has approximately 17,000 employees, of whom 6000 are in Sweden. Sales in 1995 totalled 7 billion Canadian dollars.

Astra Pain Control in Sweden is a research company within the Astra Group with about 270 employees. Its products dominate the world market for local anesthetics. The company has recently established a research and development centre in Montreal, a division of Astra Pharma Inc. Canada, and is actively recruiting for the following positions:

1. Senior Programmer/Analyst
2. BS/MS Biochemist

Cells Astra offers a professional work environment to the successful candidates. If you are motivated by the challenges of this position, please send your résumé, quoting the appropriate reference code, to: Astra Research Centre Montreal, Pharmacology, 275 bis boul., Armand-Frappier, Edifice 3000, Laval, Quebec H7V 4A7.

We thank all applicants for their interest, however, only those being considered will be contacted. No telephone inquiries or agencies, please. An Equal Opportunity Employer.
The Molecular Neurobiology and Molecular Pathogenesis Programs at the Skirball Institute of Biomolecular Medicine, an affiliate of NYU Medical Center, have tenure track positions available at the Assistant and Associate Professor levels. We are seeking to build strong interdisciplinary programs, and are interested in outstanding individuals whose research interests and experience are based in biochemistry, genetics, cellular biology or molecular biology. The Molecular Neurobiology Program also wishes to encourage applications from system neurobiologists who have a strong interest in using cellular and molecular approaches to study the nervous system. Research interests of the Molecular Pathogenesis Program include immunology, microbial pathogenesis, basic cell biology, and the regulation of cell growth and differentiation. The Skirball Institute is a new initiative at NYU Medical Center, consisting of Programs in Developmental Genetics (coordinated by Alex Joyner and Ruth Lehmann), Structural Biology (coordinated by Lennart Philipson, who is also Director of the Institute), Molecular Neurobiology (coordinated by Steve Burden) and Molecular Pathogenesis (coordinated by Dan Littman). Applicants should submit by November 4, 1996 a curriculum vitae, a statement of research interests, and the names and addresses of three references to:

Mark Shepard
Administrative Director
Skirball Institute of
Biomolecular Medicine
NYU Medical Center
540 First Avenue
New York, NY 10016
**FE
c**

Working in our Department of Biologics R&D, the candidate will perform specialized laboratory duties to support the safe and efficient operation of the Biologics Development Laboratory to include independent operation and supervised research related to and including fermentation and primary cell recoveries of pathogenic and recombinant

**SYBASE DATABASE ADMINISTRATOR**

Working in support of genomic sequencing efforts in our Department of Human Genetics, the selected individual will be responsible for the administration of a Sybase Database, database design, data acquisition, and database maintenance. The position requires a degree or equivalent in computer science or a related field with at least two years' experience with Sybase and software development on a UNIX platform. Good communication skills and the ability to work with others are necessary. Experience with DNA sequence databases is desirable.

Excellent salary and benefit programs accompany these positions at our modern research facilities located 25 miles northwest of Philadelphia. Please send curriculum vitae with cover letter indicating Ad# on correspondence and envelope to: MRL Human Resources (please indicate Ad#) WP42-2, Merck Research Laboratories, P.O. Box 4, West Point, PA 19486. Only candidates considered for interviews will receive responses. EEO/AA/VH Employer.
**UNIVERSITY OF CALIFORNIA, LOS ANGELES**

**TENURE-TRACK JUNIOR FACULTY POSITION**

**Cell and Molecular Biology of Women's Cancer**

The Division of Gynecologic Oncology of the Department of Obstetrics and Gynecology, the Department of Biological Chemistry, and the UCLA-Jonsson Comprehensive Cancer Center at UCLA are searching for a JUNIOR FACULTY member who will work in the area of cellular and molecular biology. This position will include joint appointments in the Division of Gynecologic Oncology and the Department of Biological Chemistry. Individuals with either an M.D. degree or a Ph.D. degree in Obstetrics, Gynecology, Laboratory, and Biological Sciences. The candidate should be an established scientist with a strong background in research teaching and an outstanding research record in some aspect of later wominized evolution and/or in human variation. Please send curriculum vitae, statement of research interests, and names and addresses of three referees by January 15, 1997, to: Tab Rasmussen, Chair, Search Committee, Department of Anthropology, Campus Box 1114, Washington University, St. Louis, MO 63130. Washington University is an Affirmative Action/Equal Opportunity Employer. We especially seek applications from women and minorities.

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**UNIVERSITY OF CALIFORNIA, DAVIS**

**DEPARTMENT OF CHEMISTRY**

Applications are invited for a tenure-track position beginning fall 1997, for a physical chemist with research interests in spectroscopic studies of condensed phase systems including biological systems. This is an ASSISTANT PROFESSOR level and is subject to final budgetary approval. Candidates must demonstrate expertise in independent research and teaching and have a Ph.D. degree at time of appointment. Applicants must provide a letter, to be sent to: Faculty Recruitment Committee, Department of Chemistry, University of California, Davis, CA 95616 indicating the position they are seeking. They should also include a curriculum vitae (including a list of publications) and a statement of research objectives; the names, addresses, fax and telephone numbers of three referees. The position is open until filled, but to ensure consideration, applications should be received by October 31, 1996. The University of California, Davis, is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to the development of a diverse faculty that supports equity of opportunity and respect for differences based on gender, cultural ethnicity, disability, and sexual orientation. In that spirit, we are particularly interested in receiving applications from individuals who would enhance the diversity of our institution.

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**PHYSICAL ANTHROPOLOGY**

**Washington University-St. Louis**

The Department of Anthropology at Washington University in St. Louis is seeking applications for a tenure-track or tenured FACULTY position in physical anthropology beginning July 1, 1997. Salary and rank are open and will be commensurate with experience and qualifications. The candidate will have ongoing teaching and an outstanding research record in some aspect of later homined evolution and/or in human variation. Please send curriculum vitae, statement of research interests, and names and addresses of three referees by January 15, 1997, to: Tab Rasmussen, Chair, Search Committee, Department of Anthropology, Campus Box 1114, Washington University, St. Louis, MO 63130. Washington University is an Affirmative Action/Equal Opportunity Employer. We especially seek applications from women and minorities.

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**FACULTY RESEARCH POSITION**

**in tumor immunology.**

Mayo Clinic and Foundation invites applications for a full-time cancer scientist position at the level of Associate, Assistant, or Full Professor with joint appointments in the Cancer Center and in the Department of Immunology. Mayo Clinic offers a highly interactive research environment with basic scientists and clinical investigators. Candidates should have an outstanding, independent research program focused on tumor antigens, factors influencing tumor cell immunogenicity, effector mechanisms in cancer immunity, and/or factors limiting effective tumor immunity. The competitive package of salary, benefits, and research support will be provided. Please send a curriculum vitae, list of references, and a statement of research interests and goals to: David J. McKeen, Ph.D., 301 Guggenheim Building, Mayo Clinic, Rochester, MN 55905. Mayo Foundation is an Affirmative Action/Equal Opportunity Employer.

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**ANIMAL PHYSIOLOGIST**

Kenyon College seeks a tenure-track animal physiologist with broad training. Applicants must have a Ph.D., preferably with post-doctoral experience in integrative physiology, with an appointment in the Department of Biology. The position is open until filled. Submit curriculum vitae, statement of research interests and plans, application letter, and three letters of recommendation to: Howard S. Kirk, Chair, Department of Biology, Kenyon College, Gambier, OH 43022. The search committee will begin its search November 15 and continue until the position is filled. Kenyon College is an Equal Opportunity/Access Employer.

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**FACULTY POSITION**

**DEVELOPMENTAL BIOLOGY**

The Department of Biological Sciences at the University of Pittsburgh anticipates making, subject to budgetary approval, one full-time TENURE-TRACK faculty appointment in the area of developmental biology, beginning in September 1997, to continue expansion of the Department. Applicants studying molecular mechanisms of animal development using a model genetic system are especially encouraged to apply. The appointment is expected to be made at the Assistant Professor level, but under exceptional circumstances experienced candidates with outstanding records will be considered at higher rank. The successful applicant will have a strong background in developmental biology, an extensive postdoctoral experience and will be expected to establish an extramurally funded research program, train graduate students, and participate in undergraduate education. The position includes an initial 2-year contract, which must be renewed after December 2, 1996. Applicants should send a curriculum vitae along with a summary of research interests and goals, and should arrange to have at least three letters of recommendation.

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**Dr. Richard Carthew**

Developmental Biology Search Committee
Department of Biological Sciences
University of Pennsylvania
Pittsburgh, PA 15260
Telephone: 412-648-7687

The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer. Women and minorities are especially encouraged to apply.

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**PLANT ECOLOGIST**

The Department of Biology at the College of New Jersey invites applications for a tenure-track position as TENT PROFESSORSHIP to begin September 1997. Applicants must have a Ph.D., research experience in plant ecology, and a demonstrated potential for teaching excellence. Strong background in vascular plants and field studies and strong commitment to undergraduate education preferred, plus potential to establish an active research program involving undergraduates. Teaching duties include one course in biology and one course in vascular plant biology. Candidate may develop upper level courses in an area of specialization and will represent plant sciences at the College. Send curriculum vitae, statement of teaching experience, transcripts, and three letters of recommendation to: David Rose, Department of Biology, The College of New Jersey, Trenton, NJ 08690, before December 16, 1996, for an Affirmative Action/Equal Opportunity employer. Women and minorities are especially encouraged to apply.

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**ANIMAL BEHAVIORIST**

**BEHAVIORAL ECOLOGIST**

The Department of Zoology at Duke University invites applications for a tenure-track position at the ASSISTANT PROFESSOR level in the field of animal behavior or behavioral ecology beginning fall 1997. The successful candidate will establish a vigorous research program and develop an undergraduate course in animal behavior or behavioral ecology. Curriculum vitae, statements of research and teaching interests, and three letters of reference should be sent to: Chairman, Animal Behavior Search, Department of Zoology, Duke University, Durham, NC 27708-0325. Applications received before November 15, 1996, will be guaranteed consideration. Duke University is an Equal Opportunity/Affirmative Action Employer.

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**EXECUTIVE DIRECTOR**

**American Institute of Biological Sciences**

This is a full-time position with administrative responsibility for the Institute’s office in Washington, D.C. American Institute of Biological Sciences (AIBS) is a member- and society-governed federation of 45 scientific societies, museums, and research laboratories and 4,500 individual members, with a full-time staff of 15.

Applicants should have a Ph.D. in the biological sciences or a strong affiliation with the profession. A professional experience in the biological sciences; experience in education; experience with the executive and legislative branches of the federal government; an appreciation for the research enterprise and its role in education, leadership, communication, interpersonal, and writing skills. Submit a letter of intent, resume, and the names of five references to: AIBS Executive Director Search, AIBS, 1444 Eye Street NW, Suite 200, Washington, DC 20005.

AIBS is an Equal Opportunity/Affirmative Action Employer.
POST-DOCTORAL POSITION
NATIONAL PEPTIDE LIGANDS FOR THYMIC SELECTION

Available immediately, to investigate the self-peptide requirements for the thymic selection of autoreactive and virus-specific T cells. Studies will involve generating new mouse models, using transgenic and ES cell technology, to study thymic development. A background in molecular biology is essential and an interest in immunology advantageous.

Please send curriculum vitae and names of three referees to: Philip G. Ashton-Rickardt, Ph.D., The University of Chicago, Gwen Knapp Center for Lupus and Immunology Research, 924 East 57th Street, R414, Chicago, IL 60637-5420. PHONE: 312/702-7669. FAX: 312/702-1576. e-mail: p-ashton@bio-3bsd.uchicago.edu

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

SENIOR NEUROLOGIST FACULTY POSITION IN ALZHEIMER'S DISEASE RESEARCH
Institute for Brain Aging and Dementia
College of Medicine, Department of Neurology
School of Biological Sciences
UNIVERSITY OF CALIFORNIA, IRVINE

Applications are invited for a tenured, Senior Neurologist faculty position dually appointed in the College of Medicine, Department of Neurology, and in the School of Biological Sciences, Department of Psychobiology. This individual is expected to take a leadership role in the Alzheimer's Disease Program that is designated both as an Alzheimer's Disease Research Center and as an Alzheimer's Disease Diagnostic and Treatment Center (State of California, DHHS), structured within the Institute for Brain Aging and Dementia. The successful candidate will be one who demonstrates appropriate leadership skills, including the ability to maintain effective interactions over a range of basic science and clinical disciplines related to the study of Alzheimer's disease. Candidates should have a record of outstanding research accomplishment as evidenced by national and international recognition, appropriate funding record, and proven ability to train graduate and postdoctoral researchers. Examples of areas of research foci might include neuro-imaging applications, dementia sub-type analyses, and/or biological markers of dementia. The level of appointment is commensurate with the credentials of the successful candidate.

Candidates holding an M.D. degree and board certification in Neurology are invited to apply by sending a letter of interest, a curriculum vitae that includes a record of teaching and research experience, and the names and addresses of three referees to: University of California Irvine, Dr. Carl W. Cotman, Institute for Brain Aging and Dementia, Biological Sciences II, Room 1305, Irvine, CA 92697-4540. Refer to Position #96-C.

The University of California Irvine: rooted in education, enriched by diversity.

Ceregen

As a subsidiary of the Fortune 100 Monsanto Company, Ceregen is a world leader in the discovery and development of agricultural products based on advanced chemistry and biotechnology. And our professionals are playing a key role in their ongoing product development and support, and in our future.

Research Entomologists

As part of a multidisciplinary team, you will discover and develop insect control opportunities in cotton, corn and other crops.

We seek adaptive, innovative professionals with an MS in entomology—Ph.D. is preferred—and at least 3 years of experience in insect bioassay design and performance along with data and project management skills. Field experience with cotton or corn is a plus, and experience with international pests and markets is desirable.

There's only one thing more diverse than Monsanto's global business units—our talented group of professionals. To join them in a unique environment that's specifically designed for communication and innovation, send your resume to: Monsanto Company, B. Robinson, 664C, 700 Chesterfield Parkway North, St. Louis, MO 63198. FAX: 314/537-7015. EEO/AA Employer M/F/D/V.

MIT

FACULTY POSITIONS IN NEUROBIOLOGY

MIT is seeking neurobiologists for the Center for Learning and Memory, with faculty appointments in the Department of Brain and Cognitive Sciences. The area of interest is broad, but we are particularly interested in candidates with research programs in the fields of learning and memory, development and neural function. Opportunities are available for individuals using genetic, biochemical, molecular biological, cell biological, and physiological techniques.

Applicants should have significant research accomplishments, the ability to establish and maintain a rigorous research program and a commitment to excellence in education at the undergraduate and graduate levels.

Applicants should submit a curriculum vitae and a summary of current and proposed research work, and should arrange to have three letters of recommendation sent to: Prof. Mirganka Sur or Prof. Susumu Tonegawa, Department of Brain and Cognitive Sciences, E25-405, 77 Massachusetts Avenue, Cambridge, MA 02139. Applications will be considered as soon as they are complete and letters of recommendation have been received. Qualified women and minority candidates are especially encouraged to apply.
UNIVERSITY OF CALIFORNIA
SAN FRANCISCO

Assistant Professor, Integrative Neuroscience

The Department of Physiology invites applications for ASSISTANT PROFESSOR, tenure track, with research interests in the function of the intact central nervous system, including cognitive and computational approaches. The successful candidate will join the Keck Center for Integrative Neuroscience (http://keck.ucsf.edu), participate in the Neuroscience Graduate Program, and teach in the professional schools. To apply, send curriculum vitae and a concise statement of research interests and ask for three letters of recommendation by December 24, 1996 to:

Neuroscience Search Committee
Department of Physiology
513 Parnassus Avenue, Room S-762
San Francisco, CA 94143-0444

University of California, San Francisco is an Equal Opportunity/Affirmative Action Employer. Women and under-represented minorities are encouraged to apply.

UNIVERSITY OF ILLINOIS AT CHICAGO
DEPARTMENT OF BIOCHEMISTRY
COLLEGE OF MEDICINE

Faculty Position in Structural Biology

Applications are invited for a tenure-track ASSISTANT/ASSOCIATE/FULL PROFESSOR faculty position in the Department of Biochemistry in the area of structural biology. Candidates’ research interests should be in the application of structural methods, particularly NMR spectroscopy, to answer medically relevant questions in the broad area of biochemistry. A successful junior candidate will be expected to develop a strong, externally funded research program, whereas a senior applicant is expected to have an established and currently vigorous research program with a good and continuing record of external support. Applicants should submit their curriculum vitae, a statement of research goals, and three letters of recommendation by January 15, 1997 to:

Chair, Structural Biology Search Committee
Department of Biochemistry, M/C 536
University of Illinois at Chicago, 1819 West Polk Street
Chicago, IL 60612

University of Illinois at Chicago is an Affirmative Action, Equal Opportunity Employer.

SENIOR ASSOCIATE DEAN FOR BASIC SCIENCE AND RESEARCH

The University of Nevada School of Medicine is seeking a full-time SENIOR ASSOCIATE DEAN for Basic Science and Research for its Reno campus. Responsibilities include: establish and maintain regular communications with the Dean, Chairs, and faculty; foster educational and research activities; coordinate personnel activities of basic science departments; disseminate the school’s research enterprise and broaden its financial resources; administer office of Medical Research; coordinate research and development programs; and oversee student research. Qualifications: doctoral degree; experience in medical school administration and medical education, including curriculum design and implementation; record of significant scholarly and research productivity and funding; excellent communication skills; and ability to facilitate group process. Submit curriculum vitae to: Thomas J. Scully, M.D., Chair, Search Committee, University of Nevada School of Medicine/5520 Virginia Street, NV 89557. Applications received by November 15, 1996 are assured of complete review. Affirmative Action/Equal Opportunity Employer.

FACULTY POSITION IN NEUROLOGY

The Department of Neurology at Vanderbilt University Medical Center invites applications for a position of ASSISTANT PROFESSOR in the field of neurosciences, relating to CNS inflammation and demyelination. The position will be in the area of demyelination, cytokines, microglia/glial interactions, glial cell signaling. We are seeking outstanding Ph.D. candidates who will establish a vigorous research program and complement existing programs in neurosciences. A curriculum vitae, outline of planned research, and three letters of reference should be sent to: S. Sriman, Professor of Neurology, Multiple Sclerosis Research Laboratory, 2201 Gamper Avenue, Nashville, TN 37212. FAX: 615-321-5247; Telephone: 615-963-4042.

EVALUATIVE BIOLOGY
Whitewater, Wisconsin

The Department of Biological Sciences at the University of Wisconsin (UW)-Whitewater announces a tenure-track ASSISTANT PROFESSOR position in Evolutionary Biology with an expected start date of Fall 1997. This position is expected to contribute to an existing introductory biology for non-majors, and a core course in science and technology. Candidates should have a PhD in evolutionary biology, and a teaching load of three courses per year. Closing date: November 22, 1996. Send letter of application, curriculum vitae, undergraduate and graduate transcripts, a statement of teaching and research agenda, and three letters of recommendation to:

Dr. K. Brehm, Chair, Search Committee
Department of Biological Sciences
UW-Whitewater, Whitewater, WI 53190.
UW-Whitewater is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR

Applications are invited for a TENURE-TRACK assistant professorship in the Department of Biological and Biophysics, Iowa State University (ISU), to begin fall 1997. Duties will include teaching undergraduate and graduate courses and conducting an independent research program. Research interests in the area should be consistent with existing faculty. The Department is particularly interested in candidates with expertise in molecular, cellular, and structural biology. Qualifications include a Ph.D. in biology or a closely related field, outstanding teaching and research potential, and promise of sustained productivity. Closing date: December 15, 1996. Send letter of application, curriculum vitae, undergraduate and graduate transcripts of all degrees, published and scholarly papers (if available), and three letters of recommendation to:

Professor J. G. Azower, Chair
Department of Biological and Biophysical Sciences
Iowa State University, Ames, IA 50011.
Applications will be accepted through February 15, 1997. For further information contact the Chair, Telephone: 515-294-6188. ISU is an Affirmative Action/Equal Opportunity Employer.

PROFESSOR OF FOREST STATISTICS

The Yale University School of Forestry and Environmental Studies seeks to make a TENURED appointment in Forest Statistics in the Department of Statistics. The position involves teaching and development and application of statistical methods in forestry is especially welcome. Candidates are expected to maintain an active research program in statistics and to teach courses in statistical methods for professional students. Demonstration of excellence in teaching is expected. The position is subject to final approval, and the salary is competitive. Starting date is July 1, 1997. Application materials are to be submitted by December 15, 1996. Applications should be submitted to:

Office of the Dean
Yale University, School of Forestry and Environmental Studies, 205 Prospect Street, New Haven, CT 06511.

Yale University is an Equal Opportunity/Affirmative Action Employer. Women and minority group members are encouraged to apply.

ASSISTANT OR ASSOCIATE SCIENTIST
WILDLIFE ECOLOGY

Joseph W. Jones Environmental Education and Research Center
Newton, Georgia

The Jones Ecological Research Center invites applications for ASSISTANT or ASSOCIATE SCIENTIST in Wildlife Ecology (available May 1, 1997). Responsibilities include research for non-game and game wildlife species and their habitats, with a focus on population and community ecology. Qualifications include a Ph.D. in wildlife biology/ecology, population or community ecology, or related field. Competitive compensation is competitive and commensurate with experience. An application letter, resume, and names of three references should be submitted by January 15, 1997. Send letter of application and resumes to:

Dr. William Mitchell, Search Committee Chair, Jones Ecological Research Center, Route 2, Box 2324, Newton, GA 31770. Telephone: 912-734-4707; Phone: 912-734-4706.

Assistant Professor, Integrative Neuroscience
DEAN
School of Biological Sciences
University of California, Irvine

The University of California, Irvine, invites applications and nominations for the position of Dean of the School of Biological Sciences. We seek an individual with an outstanding reputation within the scientific community who will bring vision and innovative leadership to the School. Candidates must have a demonstrated commitment to academic excellence to further advance the School's standing in research, undergraduate and graduate education, and service. The scholarly achievements of this individual should be appropriate for an appointment as a Full Professor in one of the departments in the School. The School of Biological Sciences comprises four academic departments: Development and Cell Biology, Ecology and Evolutionary Biology, Molecular Biology and Biochemistry, and Psychobiology.

Applications and nominations will be received until the position has been filled. However, the screening process will begin immediately, and individuals are encouraged to apply prior to November 15, 1996.

Nominations and expressions of interest, along with a curriculum vitae and the names and addresses of three referees, should be submitted to:

Professor Thomas Poulos
Chair, Biological Sciences Dean Search
University of California, Irvine
509 Administration, Irvine, CA 92697-1000.

The University of California, Irvine is an equal opportunity employer committed to excellence through diversity.

Cato Research Ltd. (CRL), a clinical research organization located in Research Triangle Park, NC that devises creative and effective strategies to guide innovative pharmaceutical products to the market place, is continuously recruiting for Clinical Research Fellows and Clinical Research Associates.

Clinical Research Fellows
CRL has an exciting opportunity for a self-starter with a scientific background who wants to learn and grow in a creative environment. The Clinical Research Fellow will receive training in the scientific, regulatory, medical and financial aspects of pharmaceutical development. The ideal candidate will possess a Ph.D. in biological sciences; excellent written and verbal skills; initiative and strong interpersonal skills; and the ability for critical and analytical thinking. Code #DNSC.

Clinical Research Associates
CRL is currently recruiting CRAs for our Denver, CO and Durham, NC offices. Individuals will possess at least two years of on-site experience in monitoring Phase I through Phase IV clinical trials for drugs, biologics and/or medical devices. In this integral role, responsibilities will include: initiating and monitoring clinical investigations according to GCPs, FDA codes of federal regulations and CRL policies and procedures. The flexibility to travel overnight up to 50% per year is essential. The ideal candidate will have a BS (in nursing, chemistry, biological science or pharmacy preferred), 2 years of field experience in clinical monitoring (with a CRO is a plus), excellent oral/written communication skills, initiative and strong interpersonal skills. Code #DP/CRA

Cato Research Ltd., provides an opportunity for the right individual to become a part of the pharmaceutical drug development industry. CRL offers professional and personal growth opportunities, a competitive salary and an excellent benefits package. For consideration, please send your resume including Code # to: Cato Research Ltd., Code #, 4364 S. Alston Avenue, Suite 201, Durham, NC 27713-2280; or FAX (919) 361-2290. No phone calls or third party agencies, please: EOE.

Department of Earth and Atmospheric Sciences
University of Alberta
Tenure Track Position in Geoprocessing

The Department of Earth and Atmospheric Sciences plans to strengthen its research programs in geoprocessing through the appointment of a new faculty member who will have responsibility for teaching and research in the areas of geographic information systems (GIS), cartography, and quantitative methods (with emphasis on spatial applications). Experience in the use of GIS and terrain modeling with specific application to earth and environmental sciences would be an advantage. The Department is exceptionally well-equipped and has an international reputation for teaching and research excellence. The person selected for this position will develop an active research program that includes the supervision of M.Sc. and Ph.D. students and interaction with other faculty members who are engaged in research in this area. Detailed information about the department can be found on the World Wide Web at http://www.uaualberta.ca/~eas/home.html.

This position will be at the Assistant Professor level (salary range: $39,230—$55,526). Applicants must hold a Ph.D. degree and have a proven research record. Previous teaching experience would be a significant asset. Applications, including a resume, a statement of research interests, and the names and addresses of three referees, should be addressed to Dr. Brian Jones, Chair, Department of Earth and Atmospheric Sciences, University of Alberta, Edmonton, Alberta, T6G 2E3, Canada. Fax: 403-492-2036; email: bjones@gpu.srv.uaualberta.ca. Deadline for receipt of applications is December 1, 1996. The appointment will commence on July 1, 1997, providing a suitable candidate can be found.

The University of Alberta is committed to the principle of equity in employment. As an employer we welcome diversity in the workplace and encourage applications from all qualified women and men, including Aboriginal peoples, persons with disabilities, and members of visible minorities.
ASSISTANT PROFESSOR

The Department of Biological Sciences, University of Iowa, invites highly qualified applicants for a TENURE-TRACK position in developmental biology. Required qualifications include: a Ph.D. degree; postdoctoral research experience; significant publication record in leading scientific journals; and evidence of the ability to develop a strong, independent research program with high visibility in the international scientific community. An important consideration will be the candidate's potential to develop a nationally recognized, extramurally funded research program. Research emphasis should be in one or more areas including cell biology, neurobiology, cell or developmental biology, or environmental physiology. An ability to interact with colleagues having diverse research interests (35 faculty, 100+ graduate students) and to teach courses in areas of teaching responsibilities might include teaching (one semester) and coordinating (both semesters) non-major Anatomy and Physiology, and teaching (one semester) an upper division, research-oriented course in cell biology. A Ph.D. is required. Postdoctoral research experience and teaching experience is preferred. Candidates should arrange for curriculum vitae, brief statement of research philosophy, and research plans, and three letters of reference to be received by November 4, 1996. Zoologist Search Committee, Department of Biological Sciences, Texas Tech University, Lubbock, TX 79409-3131. Texas Tech University is an Affirmative Action/ Equal Employment Opportunity Institution.

MIDDLEBURY COLLEGE

The Department of Chemistry and Biochemistry invites applications for a TENURE-TRACK position, beginning fall 1997, in the area of biochemistry. Ph.D. chemists, biochemists, or molecular biologists with background and research interest in biochemical genetics and cell biology are encouraged to apply. Applicants must be committed to excellence in both teaching and scholarship. The successful candidate will be expected to participate in undergraduate research and to teach courses in biochemistry, first year chemistry, an upper division elective of choice, and a course to be taught during the winter term. Supervision of undergraduate student research in biochemistry and in cell biology is expected, and the candidate will be expected to contribute to the Department's undergraduate research program. A Ph.D. is required. Women and minority candidates are especially encouraged to apply.

IMMUNOLOGY PROGRAM ADMINISTRATOR

National Institute on Aging

The Biology of Aging Program, National Institute on Aging, National Institutes of Health, and the University of Maryland School of Medicine, is seeking an accomplished immunologist (GS-601-13/14, annual salary $52,867 to $81,217) to develop and direct its extramural and intramural research immunology program. Applications are invited from candidates with demonstrated strong research and administrative skills in cellular and molecular biology. Successful candidates should have an established track record in obtaining grant funding and managing an academic research program. Familiarity with age-related immune dysfunction and its biological consequences is essential. U.S. citizenship is preferred. To receive a faxed copy of the complete vacancy announcement, Telephone: 1-800-728-5627, ID Number 1214

Position available immediately to study regulation of viruses involved in leukotriene biosynthesis. Experience with enzymology and lipid metabolism desirable. Send curriculum vitae and references to: Dr. Steven J. Feinmark, Department of Pharmacology, Columbia University, 630 West 168th Street, New York, NY 10032. Columbia University is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE RESEARCH SCIENTIST

Position available immediately to study regulation of viruses involved in leukotriene biosynthesis. Experience with enzymology and lipid metabolism desirable. Send curriculum vitae and references to: Dr. Steven J. Feinmark, Department of Pharmacology, Columbia University, 630 West 168th Street, New York, NY 10032. Columbia University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR

Molecular Zoologist

Texas Tech University, Department of Biological Sciences, invites applications for a nine-month, TENURE-TRACK position in the area of molecular zoology. The successful candidate must demonstrate dedication to excellence in teaching and research, and the potential to develop a nationally recognized, extramurally funded research program. Research emphasis should include collaboration with other departments, including cytology, neurobiology, cell or developmental biology, or environmental physiology. An ability to interact with colleagues having diverse research interests (35 faculty, 100+ graduate students) and to teach courses in areas of teaching responsibilities might include teaching (one semester) and coordinating (both semesters) non-major Anatomy and Physiology, and teaching (one semester) an upper division, research-oriented course in cell biology. A Ph.D. is required. Postdoctoral research experience and teaching experience is preferred. Candidates should arrange for curriculum vitae, brief statement of research philosophy, and research plans, and three letters of reference to be received by November 4, 1996. Zoologist Search Committee, Department of Biological Sciences, Texas Tech University, Lubbock, TX 79409-3131. Texas Tech University is an Affirmative Action/Equal Employment Opportunity Institution.

MOLECULAR/CELL BIOLOGIST

North Central College invites applications from broad backgrounds for a tenure-track appointment as ASSISTANT PROFESSOR, to begin September 1997. Ph.D. required and postdoctoral experience expected. Applicants should have a strong commitment to teaching undergraduates and participating in curriculum development. Teaching assignments include courses in cell biology and molecular biology. Additionally, the successful candidate will participate in our introductory biology sequence and design/collaborate on courses in cell biology. North Central College, located 30 miles west of Chicago, in Illinois’ research and development corridor, is a 150-year-old college of the arts and sciences with a strong tradition in biology. For more details call Peggy Lang, Telephone: 630-637-5181; Email mell@noctrl.edu. Send letter of application, curriculum vitae, outline of undergraduate research plans, plus graduate and undergraduate transcripts, and have three letters of recommendation sent to: Dr. Terrence Marsh, Search Committee Chair, c/o Academic Affairs Office, North Central College, 300 N. Larkin Ave., Naperville, IL 60566-7063. Review of applications begins December 2, 1996 and continues until the position is filled. We encourage applications from women and minority candidates. Equal Opportunity Employer.

GRANTS PROGRAM OFFICER INFORMATION SYSTEMS

Howard Hughes Medical Institute (HHMI), the nation's largest private philanthropic organization, conducts scientific research at leading academic medical centers throughout the United States. Currently, we have an opening for a PROGRAM OFFICER at our headquarters in Chevy Chase, MD.

Responsibilities include managing the development of new and ongoing information systems on education and research grant competitions, awards, and outcomes; preparing summaries and reports; and coordinating all phases of the development and production of grants publications. Duties also include identifying and implementing electronic and technology advances and continuing the development of the grants home page.

Requirements include a Ph.D. in biology or equivalent, experience in a scientific field and at least five years of management experience. Experience with the creation and analysis of large databases in areas of science education, training, and research; thorough knowledge of hard ware, software, and electronic technology; experience with program budget and publications management preferred. Excellent communication, analytic, and writing skills are essential.

Howard offers a competitive salary and excellent benefits package. Please send your resume and salary requirements to: Howard Hughes Medical Institute, Attn: R.P., Human Resources Department, 4000 Jones Bridge Road, Chevy Chase, MD 20815-6796. Email: hhmi@hhmi.org, Equal Opportunity Employer.

Howard Hughes Medical Institute

BIOLGY OF ANIMAL BEHAVIOR

The Reed College Biology Department invites applications for a tenure-track assistant professor of ASSISTANT PROFESSOR to commence in the fall of 1997. A Ph.D. is required and postdoctoral experience is highly desirable. The successful applicant should be prepared to teach invertebrate diversity at the introductory level as well as an upper-division lecture/laboratory course in the biology of behavior. He or she will be expected to establish an active research program with potential for extramural support. Among the additional teaching duties will be the direction of year-long senior thesis research in areas related to animal behavior. We seek a dynamic, enthusiastic, and scholarly individual to introduce students to a challenging, integrative discipline in an undergraduate environment. Reed College is a selective liberal arts institution with a distinguished record of educational accomplishment and a strong commitment to underrepresented groups. Applicants including curriculum vitae and three recent letters of reference should be sent by January 6, 1997 to: Search Committee Chair, Biology Department, Reed College, Portland, OR 97202-8199. Reed College is an Equal Opportunity Employer.

DEVELOPMENTAL GENETICIST

Iowa State University invites applications for a TENURE-TRACK position in developmental genetics within the Department of Zoology and Genetics. Applications are encouraged from individuals conducting interdisciplinary research in developmental genetics of animals, plants, or animal systems. The department contains a variety of active and collaborative research groups in developmental biology, genetics, neurobiology, and physiology (see: http://molebio.iastate.edu/htm/positions.html). Applications are invited to establish a competitive research program and contribute to graduate and undergraduate education. The position includes start-up funds and space in a modern Molecular Biology Building. Women and members of minority groups are encouraged to apply.

Developmental Neurobiologist. The Zoology Department at The University of Texas at Austin invites applications for a TENURE-TRACK position from individuals with demonstrated excellence in research and teaching. In unusual circumstances, a position at the Associate Professor level is also available. Candidates for advanced positions must have commensurately outstanding academic records and research productivity. Applicants should have experience using conventional and/or molecular approaches. Candidates will teach at the graduate and undergraduate levels. Applications should include a curriculum vitae, a statement of research interests emphasizing past and planned activities, publication lists, a tentative list of research activities for the first year, and a statement of teaching interests. Applications are currently being considered and should be received by October 31, 1996. Please address applications to: Dr. Lawrence Gilbert, Search Committee Chair, Department of Zoology, University of Texas at Austin, 78712. An Equal Opportunity/Affirmative Action Employer.

PRECLINICAL PROJECT MANAGER

Ferring Research Institute, Inc., San Diego Division, is a research organization in the field of therapeutic peptide products. Applications are being accepted for the position of PRECLINICAL PROJECT MANAGER. The successful candidate has a Ph.D. in biology, biochemistry, pharmacology, or related field and at least five years of experience in drug development. The qualified individual will be involved in the design and execution of preclinical studies required to assess the potential interest of drug use for clinical development according to FDA and/or EU regulatory requirements. To prepare downstream development steps, the candidate will advise on experimental and planning aspects of preclinical studies. Must have excellent organizational, communication, planning, and data reporting skills.

Please send or fax resume, salary history, and references to: Ferring Research Institute, Inc., Building 2, Room 434, 3550 General Atomics Court, San Diego, CA 92121. FAX: 619-465-3190.
ASSISTANT PROFESSOR - TENURE TRACK VERTEBRATE ECOLOGY

The Department of Biology, Skidmore College, invites applications for a tenure-track position at the Assistant Professor level to begin in July 1997. We seek a vertebrate ecologist with specialization in population/community ecology with a commitment to combining teaching and research at a small liberal arts college. Teaching responsibilities include an introductory-level Population Biology course for majors, an introductory-level course for non-science majors and advanced-level courses in the applicant's field of expertise. The successful candidate is expected to establish an active research program with opportunities for undergraduate participation in laboratory and field work. Applicants must have Ph.D.; post-doctoral and teaching experience are desirable.

Send CV, statements of teaching and research interests, and three letters of recommendation to: Dr. David Domazyn, Chair, Department of Biology, Skidmore College, Saratoga Springs, NY 12866. Deadline for applications and supporting materials is November 15, 1996.

People from diverse racial, ethnic and cultural backgrounds are especially encouraged to apply.

Chair of the Department of Pathology
Albert Einstein College of Medicine

The Albert Einstein College of Medicine invites nominations and applications for the position of Professor and Chair of the Department of Pathology at the College, with responsibilities in academic and clinical pathology as head of the department at the Montefiore Medical Center and affiliates.

The Department of Pathology at Einstein has a tradition of research eminence with significant extramural funding, excellence in preclinical and clinical teaching, and successful Ph.D., postdoctoral and residency training programs. The Chair should be a dynamic leader for maintaining and enhancing these activities, with a vision of the future in a changing academic, research, and healthcare environment. Superior personal interactions and administrative skills are necessary. Board certification in Pathology is a requirement.

A letter of interest or nomination, together with a current curriculum vitae, should be sent to: Dr. Peter Setir, Chair, Search Committee for the Department of Pathology Chair, Department of Anatomy and Structural Biology, Albert Einstein College of Medicine, Jack and Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, NY 10461. EOE.

ALBERT EINSTEIN COLLEGE OF MEDICINE
Toward the advancement of medicine...and your career

NEUREX CORPORATION, a rapidly growing biopharmaceutical company in the San Francisco Bay Area, is currently conducting projects aimed at discovering drugs to treat a variety of neurological disorders.

RESEARCH AND DEVELOPMENT OPPORTUNITIES

SCIENTIST
CNS Disorders

This individual will perform research in chronic and acute neurodegenerative models of disease, analgesia and inflammation, and will be responsible for the setting up and management of a primary cell facility. Ideal candidate will possess a Ph.D. in Neurobiology, Cell Biology or a related discipline with a minimum of three years' post-doctoral experience. A thorough knowledge of the cellular/molecular mechanisms underlying neurological diseases is essential with preference for those candidates who have working experience with in vitro models of neuropathological disorders. JOB CODE: CB-1

ASSOCIATE SCIENTIST
Cell Biology

This individual will be responsible for the development of in vitro neuronal models of cell death, including the isolation and maintenance of primary neuronal and glial cell cultures. The successful candidate will have a BS or MS in Cell Biology, Neurobiology or a related discipline. Experience with protein biochemistry, cell transfection/transformation, including the use of plasmid and viral vectors, and a strong interest in drug discovery are required. JOB CODE: CB-2

Neurex Corporation offers excellent salaries and benefits, including stock options. Please send your resume, quoting the appropriate Job Code, to: Neurex Corporation, Human Resources, 3760 Haven Avenue, Menlo Park, CA 94025. Equal Opportunity Employer.

The University of Sydney
AUSTRALIA

LECTURER IN EUKARYOTIC MOLECULAR GENETICS
School of Biological Sciences
Reference No. A93/A02

Applications are invited for a Lectureship in Eukaryotic Molecular Genetics. Applicants with research interests in developmental or evolutionary genetics, based on any higher or lower eukaryotic organism, are encouraged to apply; however, preference will be shown to applicants with specific interests in these topics as applied to insects. The appointee will teach molecular and general genetics at all undergraduate levels and have the opportunity to supervise research students. The appointee will be encouraged to develop their own research interests and will also be expected to contribute to the research activities of the Fruit Fly Centre housed within the school. Part funding for this position is being provided by the Centre.

A good general knowledge of molecular and general genetics is essential, as is a detailed knowledge of specific areas of eukaryotic developmental or evolutionary genetics. Applicants must possess a PhD or equivalent, have proven research ability, demonstrated administrative skills, lecturing experience at tertiary undergraduate level, and must present evidence of good teaching practices, communication skills, ability to work co-operatively with others, and research potential.

The position will be available from 1 January 1997 for a period of three years. There is the possibility of further offers of employment up to three years subject to funding and need. Membership of a University approved superannuation scheme is a condition of employment for new appointees.

For further information contact Professor R A Skurray, phone 61 2 9351 2376, fax 61 2 9351 4771, e-mail: skurray@extra.ucc.su.oz.au or Associate Professor C B Gilles, phone: 61 2 9351 2688, Fax: 61 2 9351 4771, e-mail: cbgilles@extra.ucc.su.oz.au or Dr M Frommer, Research Director, Fruit Fly Research Centre, Phone: 61 2 9351 2296, Fax: 61 2 9351 4771, e-mail: marianne@bio.usyd.edu.au.

Salary: Lecturer A$43,042 - A$51,115 p.a.

Closing: 7 November 1996

Method of application for academic positions: Three copies of the application, quoting Reference No., including curriculum vitae, list of publications and the names, addresses and fax numbers of at least three and not more than five confidential referees to: The Personnel Officer, (Sciences Group), Carslaw Building, (FO7), The University of Sydney, NSW, 2006 AUSTRALIA.

Equal employment opportunity and no smoking in the workplace are University policies. The University reserves the right not to proceed with any appointment for financial or other reasons.
Applications are invited for a funded position to dissect and analyze the transcriptional control of early events in myelopoiesis. Current investigations focus on the functional interactions of transcription factor proteins in the regulation of genes specifically expressed early after commitment to the myeloid lineage (JBC 270:8763, 1995), and the influence of the bone marrow stroma on the regulation of early myeloid gene expression (leukemia 9:1508, 1995). Specific projects include: characterizing functional interactions of the c-Myb and ETS-1 transcription factors with accessory proteins and the role of these interactions in regulating early myeloid gene transcription; determining the influence of the bone marrow stroma on the expression and functional interactions of myeloid-regulatory transcription factors; and isolating the gene encoding a developmentally expressed, myeloid-specific DNA-binding protein which may confer the myeloid-specific expression of the aminopeptidase N gene in hematopoietic cells. Individuals are needed to work on all aspects of these projects involving biochemical, molecular, cellular and molecular genetic analyses. Support facilities at this institution are exceptional, the research environment is highly interactive, both within the Research Hospital and at the nearby UT Medical School. Qualified candidates should possess either a Ph.D. and/or M.D. in a relevant field. Please forward your CV and the names, addresses, and phone numbers of three references to: Linda H. Shapiro, Ph.D., Department of Experimental Oncology, St. Jude Children’s Research Hospital, 332 North Lauderdale, Memphis, TN 38105, e-mail: linda.shapiro@stjude.org. Women and minorities are especially encouraged to apply. SJCRH is an affirmative action/equal opportunity employer.

ASSISTANT/ASSOCIATE PROFESSOR TENURE-TRACK FACULTY POSITION

The Pennington Biomedical Research Center at Louisiana State University invites applications for a faculty position at the assistant or associate professor level. Applicants should have a Ph.D. or an equivalent degree with postdoctoral experience and a strong background and expertise in molecular and cell biology. The individual selected will be expected to establish or maintain an independent extramurally funded research program in Signal transduction pathways that complements the research programs of the current faculty in the field of molecular nutrition. Major research programs in the Center include an emerging new area of research aiming to understand cellular mechanisms that mediate development of obesity, and that modulate expression of genes involved in lipid metabolism. Start-up funds and outstanding research facilities are available. Rank and competitive salary will be commensurate with the applicant’s qualifications. Applications will be accepted until a suitable candidate is selected. Applicants should submit a curriculum vitae; copies of three recent publications; a statement of their current research program, accomplishments, and future plans; and the names of three references to: Dr. David York, Chief of Basic Science, Pennington Biomedical Research Center, Louisiana State University, 6400 Perkins Road, Baton Rouge, LA 70808. Further information may be obtained by telephone: 504-763-2548 or email: yorkda@mhs.pbrc.edu. LSU/PBRC is an Equal Opportunity/Affirmative Action Employer.

The Department of Microbiology and Molecular Genetics and the Department of Medicine at the University of California, Irvine are jointly seeking applications for a faculty position at the Assistant or Associate Professor level, depending upon qualifications. Among our ongoing efforts to expand our program in molecular pathogenesis, we are soliciting applications from individuals who have demonstrated superior talent and productivity in the area of molecular mechanisms of microbial pathogenesis. His/her previous work should have been judged by peer review to have been scientifically rigorous and medically relevant, and he/she should have been successful in obtaining sufficient funds from peer-reviewed grants to support these efforts. The latter can include postdoctoral fellowship support for Assistant Professor candidates. Candidates must have an M.D./Ph.D. or M.D., and board certification in internal medicine and board eligibility in infectious diseases are required. The successful candidate will have some teaching and clinical responsibilities but will have considerable time available for accomplishing research goals and participating in research-related activities. Please send curriculum vitae, summary of research interests, and names of three references to:

Dr. Alan G. Barbour
Search Committee Chair
Department of Microbiology and Molecular Genetics
College of Medicine
University of California
Irvine, CA 92697-4025

The University of California at Irvine is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

FACULTY POSITION

Community/Ecosystem Ecology

The Department of Biological Sciences at the University of Pittsburgh anticipates making, subject to budget approval, one full-time tenure-track faculty appointment in the area of community or ecosystem ecology, beginning September 1997, to continue expansion of the Department. Applicants with a research interest in the community/ecosystem interface are especially valued. This appointment is expected to be made at the Assistant Professor level, but under exceptional circumstances experienced candidates with outstanding records will be considered at higher rank. Our expanding ecology and evolution program has excellent research and teaching facilities on campus and at the University's Pymatuning Laboratory of Ecology (http://www.pitt.edu/~blueeye/eee2.html). The successful candidate must have a Ph.D. and postdoctoral experience and will be expected to establish an extramurally funded research program, train graduate students, and participate in undergraduate education. In order to ensure full consideration, applications must be received by December 2, 1996. Applicants should send a curriculum vitae along with a summary of research interests and goals, and arrange to have at least three letters of reference sent to:

Dr. Stephen Tonsor
Ecology Search Committee
Department of Biological Sciences
University of Pittsburgh
Pittsburgh, PA 15260
(412) 624-5491

The University of Pittsburgh is an Equal Opportunity/Affirmative Action employer. Women and minorities are encouraged to apply.

Deputy Director of Basic Research

The University of California, Davis, Cancer Center is seeking a full-time academic Deputy Director for Basic Research of the Cancer Center. Candidates must have a doctoral degree with credentials suitable for appointment with tenure at the rank of Associate Professor or Professor in a basic science department at UC Davis. Candidates should have significant and recognized scientific accomplishments in the molecular biology of cancer and demonstrated administrative ability to develop and focus research programs in cancer biology. UCD Cancer Center is a priority program for UCD and intends to fulfill NCI requirements for a designated cancer center. Because of strong emphasis on team productivity as a factor for promotions at the University of California, candidates should have established a record of publications and a substantial past and current level of extramural research funding. Please forward the following: 1) letter describing research, teaching, and administrative background; 2) curriculum vitae; and 3) names and addresses of five references to Ralph de Vere White, M.D., Chair, Search Committee for Deputy Director, UCD Cancer Center, 4501 X Street, Room #3003, Sacramento, CA 95817. This position will be "Open Until Filled;" for full consideration, applications should be received by February 15, 1997. The University of California is an Affirmative Action/Equal Opportunity Employer.
STRATEGENE, a leader in the development and manufacture of molecular biology research products in La Jolla (San Diego area), California, offers the following openings for our expanding Library group:

R&D STAFF SCIENTIST
Qualified candidates will possess a Ph.D. and at least 2 years of postdoctoral experience with expertise in library construction and screening, genomics, vector construction and eukaryotic molecular genetics. Experience with gene transfer and vector systems is important. We are looking for excellent technology development skills. Req. 21028-96R

LIBRARY PRODUCTION MANAGER
Qualified candidates will possess at least a BS/BA in Molecular Biology or Biological Science with 3-5 years' experience in manufacturing. A background in cDNA and genomic library construction with an understanding of RNA, lambda and plasmid technology is preferred. Business administration and customer service experience is also desired. Req. 32080-96R

Please forward resume to: Stratagene, 11011 N. Torrey Pines Rd., La Jolla, CA 92037, Attn: Professional Staffing/Req. ___. AA/EEO.

STRATEGENE

WINTER SITE MANAGER

The Antarctic Support Group seeks an enterprising individual to assist in managing a USAP Antarctic Station and associated science support facilities. Deploying to the region as senior ASA on-site manager for the winter season, we'll rely on you to ensure that facilities/equipment are maintained, provide administrative continuity/support services, assist in recruiting winter-over employees and issue progress reports. You'll also conduct tourist visits, serve as liaison with other areas, coordinate science personnel needs and maintain a proactive approach to problem solving.

We require a bachelor's degree in a relevant discipline or equivalent, 5 years' diversified experience in project management (facilities/utilities operation, research support, logistics preferred), ability to manage a multi-skilled workforce, and software experience (WP, spreadsheets). You must be able to pass a physical/dental examination and comply with all applicable safety, environment, health and waste management policies. U.S. citizenship is required.

We offer an excellent salary/benefits package and ongoing excitement of interacting with the U.S. Antarctic Program, a permanent presence of scientific and engineering researchers. For consideration, please send or fax your resume with a cover letter no later than 16 October 1996.

Antarctic Support Associates
61 Inverness Drive East
Suite 300
Englewood, CO 80112
Response Code: WQ/RP
Fax: 303-705-0811
EOE

THE HUMAN FRONTIER SCIENCE PROGRAM ORGANIZATION

DIRECTOR OF RESEARCH GRANTS (NEUROSCIENCES)

The aim of the Human Frontier Science Program Organization is to promote, through international collaboration, basic research in two areas: molecular biology and the neurosciences. Funding is provided for the support of Research Grants, Fellowships, and Workshops. (For more details, see http://www.hfsp.org)

We seek a Director of Research Grants (Neurosciences)

The Director, who will be located in our offices in Strasbourg, France, will be responsible for the overall management of the Research Grants program and will report directly to the Secretary General. The candidate must have an excellent knowledge of English, which is the working language of the Organization. The candidate must also have a strong background of research accomplishment in the neurosciences, experience with the peer-review process, and the ability to communicate easily with colleagues throughout the world.

The starting date is summer 1997.

Application together with CV and names of three references should be sent to:

Professor Michel Cuenod
Secretary General of the HFSPO
Bureaux Europe
20, place des Halles
67080 STRASBOURG Cedex
FRANCE
NEUROIMMUNOLOGY FELLOWSHIP

One-year, renewable position for a Ph.D. to study mechanisms of CNS inflammatory demyelination in multiple sclerosis (MS) models. Research includes: T cell co-stimulation, cytokines, growth factors, and/or identification of antigenic epitopes and T cell receptor usage. Techniques include cell culture (human and animal lymphocytes), astrocytes, oligodendrocytes, microglia, immunocytochemistry, autoradiography, RT-PCR, Northern and Southern blotting. Multiple collaborations available. Interested persons should contact: Dr. John Trotter, Barnes-Jewish Hospital, Washington University Medical School, 660 South Euclid Avenue, St. Louis, MO 63110; Telephone: 314-747-2111; FAX: 314-747-1345; E-mail: trotterj@wusm.wustl.edu

RESEARCH ASSOCIATE

University of Virginia

Experimental High Energy Physics

The University of Virginia High Energy Physics group is seeking qualified applicants for a RESEARCH ASSOCIATE position to work on the physics of CP violation. In the short term, this work will focus on the KTE experiment at Fermilab. However, the successful applicant will be available to work on longer term projects, such as the LHC at CERN. This position is now open. The successful candidate is expected to play an important role in the KTE experiment and to be available to work on longer term LHC projects. Responsibilities include search for CP violation in the kaon two-body transition, direct measurement of angular distribution of kaons in the reaction K⁻ → π⁻π⁺γ and search for CP violation in the reaction K⁺ → π⁺π⁻γ. The successful candidate should have a Ph.D. in Physics or a closely related field and significant experience in high-energy physics experiments. Knowledge of the Standard Model and experience with high-energy physics experiments is required. Applications should be sent to: Dr. John C.之后，居士之言是为：

ASSISTANT OR ASSOCIATE SCIENTIST

SILVICULTURE/FOREST ECOLOGY

Joseph W. Jones Ecological Research Center

Ithaca

The Joseph W. Jones Ecological Research Center at Ithaca invites applications for the position of ASSISTANT or ASSOCIATE SCIENTIST in Silviculture and Forest Ecology (available May 1, 1997). The successful candidate will have a Ph.D. in forest sciences, ecology, or related field. The compensation package is competitive and commensurate with experience. Applications will be accepted until the position is filled. Send letter of application and CV to: Dr. H. Jeffries, Professor and Chair, Department of Forest Resources, University of California, Berkeley, CA 94720.

RESEARCH TECHNICAL

HIV project. Experience in viral culture, PCR and basic molecular cloning. Knowledge of PCR and plasmid analysis and experience in molecular biology techniques. Salary $30,000.

Send applications to: Director of Director of Admissions, 2501 Federal Street, San Diego, CA 92101.
RESEARCH GROUP LEADERS

Charged with carrying out research into immunity to pathogens and developing vaccine candidates, The Jenner Institute combines charitable status with a progressive outlook. Benefitting from both public and private sector funding, the Institute will have a full-time scientific and support staff of up to 60 and is located adjacent to the Institute for Animal Health at Compton near Newbury. Two exceptionally challenging opportunities currently exist for highly experienced, capable scientists at Group Leader level.

POSITION ONE: Carrying responsibility for developing a programme of research on the regulation and ontogeny of immune responses to carbohydrates and their importance for microbial immunity and vaccine development.

Both positions attract competitive remuneration, including funding for support staff salaries, equipment and running costs. In the first instance, these posts are offered on a five-year fixed-term contract. For further information contact the Scientific Head, Professor Peter Beverley on (01635) 577900. Applications, including a statement of research interests, CV and names and addresses of three referees should be sent to Professor Peter Beverley, The Edward Jenner Institute for Vaccine Research, Compton, Newbury, Berkshire RG20 7NN by Friday 15th November 1996.

THE EDWARD
JENNER INSTITUTE
FOR VACCINE RESEARCH

Promoting Health
through Vaccine Research

CRC Senior Cancer Research Fellowship 1997

The Cancer Research Campaign invites applications for its newly established Senior Cancer Research Fellowship. The aim of this Fellowship scheme is to support outstanding young investigators who have shown special promise in their initial studies in a cancer relevant research field and to provide them with an opportunity to establish an independent research group.

Candidates should have a PhD, have completed at least 3 years' postdoctoral work and should not normally be over 35 years of age. However, equal consideration will be given to those over this age where their career has been affected either by a late start, or by interruption for personal or family reasons. A CRC Senior Cancer Research Fellowship may be held in any CRC-funded Research Institute, Laboratory or Research Group, or alternatively in an appropriate UK university department, subject to the usual CRC funding restrictions.

The Fellowship will provide both personal and research support (salary for technical support plus consumables), plus a set-up equipment grant in the first year and will be tenable for five years in the first instance.

For further details and application forms please contact: Dr Fiona Hensley, Cancer Research Campaign, 10 Cambridge Terrace, London NW1 4LJ, Tel: 0171 224 1333 or Fax: 0171 487 4302. Closing date for applications is Friday 10th January 1997.

Scientist
cardiovascular
PHARMACOLOGY

A major
French
pharmaceutical
company
wishes
to recruit a
pharmacologist
for its
research
centre located
west of Paris

Qualifications include a PhD with postdoctoral experience in cardiovascular research. Applicants should have a practical experience of hemodynamic technics and coronary catheterism.

Involved in research projects aiming at the discovery of novel drugs, you will be more particularly responsible for studies on vascular restenosis models and will perform vascular histomorphometric technics.

Our material and technical facilities are excellent. You will join a high-level multidisciplinary team and evolve in a stimulating scientific environment.

Please send your application file (CV, handwritten letter and photo) to PUBLIVAL/9060
27 Route des Gardes
92190 MEUDON (FRANCE)
POSTDOCTORAL AND RESEARCH FACULTY
Chemical Physics and Physics Experimentalists and Theorists

POSTDOCTORAL POSITIONS
Tumor Immunology and Molecular Biology National Cancer Institute National Institutes of Health

The laboratory is investigating the use of novel vectors for the development of a new generation of vaccines for cancer. Two postdoctoral positions are available: 1) a molecular biologist/virologist with interest and/or experience in the design and generation of novel viral vectors for immunotherapy or vaccine development; 2) a cellular immunologist to help design and develop strategies for the induction of host cellular immune responses to tumor antigens. Salary should be at the Ph.D. and/or M.D. level and can vary from $27,000 to $32,000. The National Institutes of Health offers an opportunity to participate in an active research environment.

POSTDOCTORAL RESEARCH FELLOWS
Parasite Immunology

Applications are invited from highly qualified scientists to study cellular and molecular aspects of the cellular immunology of Trypanosoma cruzi infections in murine models. The two- to five-year position involves development of methods to study the cellular and humoral immune response in T. cruzi-infected mice. Salary will be in the range of $23,000 to $26,000. Minimum qualifications include a Ph.D. in immunology, molecular biology, or veterinary medicine. Experience in molecular biology and/or immunology, and willingness to conduct research as part of an interactive team. To apply, submit curriculum vitae, outlining previous research achievements and experience, along with contact details for three referees to: J. A. Schlievert, M.D., Department of Microbiology, University of Texas School of Medicine, 7703 Floyd Curl Drive, San Antonio, TX 78284-7703, FAX: 512-245-8502, or E-mail: jas@microbio.som.ucsd.edu. The University of Texas School of Medicine at San Antonio is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION
Molecular Regulation of Calcium Channels

A postdoctoral position is available immediately to study the regulation of calcium release channels (IP3-receptors and ryanodine receptors) that control intracellular calcium signaling (see Cell 77:513-523; Stroke 27:1499-1502). Desirable experience in molecular and cell biology is required. Please send current vitae, a brief summary of research experience, and three references to: Dr. Richard M. Barajas, Molecular Medicine Program, Box 1269-6574, Mount Sinai School of Medicine, One Gustave Levy Place, New York, NY 10029. Email: a.r.marks@msmp.ssm.edu.

Equal Opportunity Employer.

POSTDOCTORAL TRAINING PROGRAM
RECOMBINANT DNA TECHNOLOGY TUTS/NEW ENGLAND MEDICAL CENTER


POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE to work in laboratory at Boston University School of Medicine investigating transnatural regulation of genes encoding regulatory peptides. Experience in molecular biology and/or pharmacology. Salary commensurate with qualifications and experience. Send CV and fax curriculum vitae and the names of three references to: Dr. Michael W. Grunfeld, Department of Medicine, 88 East Newton Street, Boston, MA 02118. FAX: 617-638-7785, An Affirmative Action/Equal Opportunity Employer.

A postdoctoral position is available to study the function of G proteins and G protein-coupled receptors. The applicant should be a recent Ph.D. with strong background in molecular biology and/or protein biophysics. Please send curriculum vitae and three letters of reference. Send CV and three references to: Dr. Michael W. Grunfeld, Department of Medicine, 88 East Newton Street, Boston, MA 02118. FAX: 617-638-7785, An Affirmative Action/Equal Opportunity Employer.

THE NEUROSCIENCES INSTITUTE
SAN DIEGO
Cellular and Molecular Neurobiology

Applications are invited for the postdoctoral position of Junior Fellow in Experimental Neurobiology to study the functional properties of synaptic systems using molecular, cellular, biological, and imaging techniques. Applicants should have a background in molecular and cellular biology, preferably with some experience in synaptic systems. Fellows will receive stipends appropriate to their qualifications and experience. Submit a curriculum vitae, statement of research interests, and the names of three references to: Dr. Olaf Sporns, The Neurosciences Institute, 10640 John Hopkins Drive, San Diego, CA 92121. FAX: 619-626-2099.

POSTDOCTORAL FELLOW
Drug Discovery

The Drug Discovery Group has an opening for a highly motivated individual within its DNA binding program. Research activities of the group are centered around the determination of structure of novel molecules with high specificity and affinity for target DNA sequences in the promoter regions of disease-causing genes. These small molecules are being used to modulate the expression of specific genes by competing with transcription factors for binding to sites in DNA. Candidates should have a Ph.D. with a background in molecular biology. Specific responsibilities include molecular modeling of the promoter regions of certain disease-causing genes and experiments to determine the effects of small molecules on specific gene expression. Application to: Human Resources, Genelabs Technologies, 1500 Folsom Street, Redwood City, CA 94063, FAX: 415-368-0709.

POSTDOCTORAL POSITION
Molecular Immunology

Study the role of mitochondrial dysfunction in aging, neurodegenerative diseases, and alcoholism. Focus on calcium transport and signaling, oxidative stress, and apoptosis. Postdoctoral positions are available for recent graduates or postdoctoral fellows skilled in biochemical and/or cell biology is desirable. Competitive salary. Please send curriculum vitae and list of references to: Dr. H. R. S. Spragg, Pathology, M.D. Center, 4351, 44th and Henneman Medical Office Building, Broad and Vine Streets, Philadelphia, PA 19102-1192. FAX: 215-246-9316, Telephone: 215-762-7988. Email: roettenbergh@talallegheny.edu.

Allegheny University is an Equal Opportunity Employer.

THREE POSTDOCTORAL positions are available to study the functional roles of cell death genes in both Drosophila and mouse. The mouse and one of the fly positions involve analysis of recently cloned novel cell death-associated genes, while the other fly position is for work on Drosophila in a developmental context. Experience in molecular biology required. Background in fly genetics or tissue culture highly desirable. Salary commensurate with experience. Send curriculum vitae and the names of telephone numbers of three references to: L. Schwartz, Ph.D. (mouse) or J. R. Nambu, Ph.D. (fly), Department of Biology, Morrill Science Center, University of Massachusetts, Amherst, MA 01003. UMass is an Equal Opportunity Employer; women and minorities are encouraged to apply.

POSTDOCTORAL RESEARCH POSITION
Molecular Biology

Applications are available immediately in the laboratory of Dr. Stuart Smith for characterization of a novel human thioseterase that may have an important role in the deactivation of thiosulfonated proteins. Previous experience in protein expression, purification, and characterization desirable. Send curriculum vitae and list of references to: Human Resources, Children's Hospital Oakland, Attention: David Kirk, 747 52nd Street, Oakland, CA 94609. Email: dko.per.dki@chor.org; FAX: 510-428-3306, Equal Opportunity Employer.

POSTDOCTORAL POSITION
Johns Hopkins Oncology Center

A postdoctoral position is available to carry out projects concerning disease related TCRs and antibodies using molecular biological/biophysical (e.g., NMR) methods. Prior experience in these techniques preferred but not essential. Please send curriculum vitae and list of three references to: Dr. S. E. Ward, Department of Biophysics and Molecular Biology UTMB, College of Medicine, 5323 Harry Hines Boulevard, Dallas, TX 75235-8576, U.S.A. Email: sally@skylan.

Equal Opportunity Employer.

A postdoctoral position is available to study the control of hematopoietic stem cell expressed genes. A strong background in molecular biology and previous experience in transcriptional control are required. Send curriculum vitae and list of three references to: Dr. V. N. Smith, Developmental Biology, UTMB, 1511 John Sealy Bldg., Galveston, TX 77550. FAX: 713-749-8907, Equal Opportunity Employer.

A postdoctoral position is available to investigate the molecular mechanisms underlying cell cycle progression in mammalian cells. Experience in cell cycle control and previous experience in transgenic and genomic approaches are required. Send curriculum vitae and list of three references to: Dr. M. T. K. Mah, Department of Pathology, UTMB, 1511 John Sealy Bldg., Galveston, TX 77550. FAX: 713-749-8907, Equal Opportunity Employer.

A postdoctoral position is available to study the molecular mechanisms underlying cell cycle progression in mammalian cells. Experience in cell cycle control and previous experience in transgenic and genomic approaches are required. Send curriculum vitae and list of three references to: Dr. M. T. K. Mah, Department of Pathology, UTMB, 1511 John Sealy Bldg., Galveston, TX 77550. FAX: 713-749-8907, Equal Opportunity Employer.

A postdoctoral position is available to study the control of hematopoietic stem cell expressed genes. A strong background in molecular biology and previous experience in transcriptional control are required. Send curriculum vitae and list of three references to: Dr. V. N. Smith, Developmental Biology, UTMB, 1511 John Sealy Bldg., Galveston, TX 77550. FAX: 713-749-8907, Equal Opportunity Employer.
POSTDOCTORAL FELLOWSHIP
Human Gene Therapy Research Institute

The Human Gene Therapy Research Institute (HGTRI) has available POSTDOCTORAL positions for research in gene transfer systems and their application to the treatment and prevention of human disease. Laboratories focus on mechanisms of viral and transgenic cloning and characterization of genes that cause disease (e.g., Cell, 77:307, 1994; NIAID, 92-4917, 1995; Blood, 87:5218, 1996; Mol. Cell. Biol., 16:4107, 1996). Our goal is to develop new therapeutic approaches to human disease based on an understanding of the mechanism of transformation of leukemic fusion proteins.

Postdoctoral positions available immediately. Interested candidates should submit a letter of application and three references to: Dr. Alan J. Henn, Department of Pharmacology, Albert Einstein College of Medicine, 1300 Morris Park Avenue, Bronx, NY 10461. Please include a resume and a statement of research interests. For the University of Michigan, VMU-1519, 703 E. Medical Center, Ann Arbor, MI 48109, Equal Opportunity/Title VI/Title IX/Section 504/ADA Employer.

POSTDOCTORAL FELLOWSHIPS
Vascular Biology/Signal Transduction

Several FELLOWSHIPS are available beginning February 1, 1997 in the laboratory of Dr. John Anthony Ware, to be relocated to newly renovated facilities for a new vascular biology institute at the Albert Einstein College of Medicine. This position will be on the molecular basis of intracellular signaling and gene expression in endothelial growth, angiogenesis, and platelet activation. The position is at the post-doctoral level and involves preparation for the future and research interests, and the names of three references to: Dr. John Anthony Ware, Chair, Recruitment, Albert Einstein College of Medicine, 1300 Morris Park Avenue, Bronx, NY 10461. Before January 1, 1997: Harvard-Thorndike Laboratories, Beth Israel Hospital, 330 Brookline Avenue, Boston, MA 02215. FAX: 617-667-4833; Email: jware@hbi.harvard.edu. An Equal Opportunity Employer.

POSTDOCTORAL POSITIONS
Bacterial Pathogenesis

Two POSTDOCTORAL positions are available to study Mycobacterium tuberculosis and Streptococcus pyogenes. Candidates for the M. tuberculosis position must have laboratory experience in study of microbial agent resistance and have experience with working with this pathogen. Candidates for the S. pyogenes position must have laboratory experience in immunology, including vaccine related research, or expertise in matrix metalloproteinase work. Send curriculum vitae, including the names and telephone numbers of three references, to: James M. Paller, M.D., Section of Molecular Pathobiology, Department of Pathology, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030. FAX: 713-798-4585. Baylor College of Medicine is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION
MOLECULAR VIOLOLOGY
Department of Microbiology
Mount Sinai School of Medicine

An opportunity for a POSTDOCTORAL RESEARCHER is available to study the gene regulation of herpes simplex virus. Applicants with experience in biochemistry and/or molecular genetics should send i) their curriculum vitae, ii) the names of three references, and iii) a one-page research summary to: Dr. John A. Blaho, Department of Microbiology, Box 1124, Mount Sinai School of Medicine, One Gustave L. Levy Place, New York, NY 10029-6574. An Equal Opportunity Employer.

POSTDOCTORAL POSITION
Transcription and Leukemogenesis


POSTDOCTORAL POSITION
HARVARD MEDICAL SCHOOL
Harvard Institute of Human Genetics

Baker’s and Women’s Hospital

Position available immediately to investigate the molecular genetic basis of human leukemias. The position is to work with a long-term goal of improving gene transfer into humans. Background in molecular virology, cancer biology, immunology, or microbiology is preferred, but all candidates with evidence for skills in molecular biology, cell biology, and mammalian biology will be considered. Positions are available immediately. HGTRI is a non-profit, academic research group funded by the Central Iowa Health System of Des Moines. Laboratories provide state-of-the-art equipment, animal facility, and administrative and technical support. Applicants should submit a letter of application and three references to: Charles J. Link Jr., M.D., Director Gene Therapy Program, Iowa Health System, 1313 High Street, Suite 111, Des Moines, IA 50309, Equal Opportunity/Affirmative Action Employer/Men/women/Females/Disabled/Veterans.

POSTDOCTORAL POSITIONS
G Protein Signaling
University of Michigan

Two NIH-supported research positions are available immediately in the laboratories of Dr. Ron Taussig and Dr. Nell Kornecki in the Department of Pharmacology at the University of Michigan. Michigan. Research areas include structure-function studies of adenylyl cyclase and G protein a or subunits by use of yeast genetic approaches, expression in insect cells, mammalian cell transfection, photolabeling and proteolytic mapping, and synthetic peptides. Candidates should have a recent Ph.D. in an appropriate field and experience in molecular biology, protein biochemistry, and gene/protein expression and purification methods. Candidates should provide a cover letter outlining career objectives, a curriculum vitae, and names of three references. Please follow the application procedure below. For more information, please contact: Dr. Nell Kornecki, FAX: 313-763-4456 or via email: n-kornecki@umich.edu.

POSTDOCTORAL POSITIONS IN MOLECULAR BIOPHYSICS
University of Michigan

One or two POSTDOCTORAL research positions are available at the New England Eye Center, Tufts University School of Medicine, to conduct ophthalmic laser research and to develop novel techniques for optical imaging, gene therapy, and laser ophthalmology. Potential candidates should have a strong background in optics and lasers, good communication skills, and an ability to work closely with clinical investigators. A Ph.D. degree in biomedical engineering, physics, optics, or related field is required. Successful candidates will be encouraged to develop their own independent research program. Please send curriculum vitae and three letters of recommendation to: Dr. Carmen A. Pulfritz, M.D., Director, New England Eye Center, 750 Washington Street, Boston, MA 02211. FAX: 617-636-4215. An Equal Opportunity Employer.

POSTDOCTORAL POSITION
MUWARI UNIVERITY MEDICAL CENTER
Durham, NC 27710

Duke University

Available to study microtubule motor protein molecular genetics. Training in molecular biology or biochemistry preferred. Send curriculum vitae and names of three references to: Dr. Sharyn Endow, Department of Microbiology, Duke University Medical Center, Durham, NC 27710. Duke University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION
Fox Chase Cancer Center
Philadelphia, Pennsylvania

HUMAN MOLECULAR GENETICS

Position available immediately at the Fox Chase Cancer Center, an NCI-designated Comprehensive Cancer Center, to study tumor suppressor genes involved in human kidney cancer and kidney cysts. Strong experience in molecular biology and/or cell biology required. Please send curriculum vitae and names of references to: Dr. Elizabeth Henske, Cancer Resources Department, Fox Chase Cancer Center, 7701 Burholme Avenue, Philadelphia, PA 19111. Equal Opportunity Employer.

POSTDOCTORAL POSITION
Immunology

Available immediately to study murine NK cells, with emphasis on the interaction between signals from molecules. Experience in molecular techniques highly desirable. Send curriculum vitae and names of three references to: Dr. I. Nakamura, Department of Pathology, State University of New York at Buffalo, 332 Farber Hall, Buffalo, NY 14214. FAX: 716-829-2086; Email: inakamura@ubmed.buffalo.edu.

ANNOUNCEMENT
REQUEST FOR PROPOSALS
U.S.-Israel Science and Technology Foundation

Summary: The U.S.-Israel Science and Technology Foundation invites proposals for financial assistance under the U.S.-Israel Science and Technology Program. The Program will assist U.S. and Israeli entities that have entered into a joint venture to carry out research and development on methyl bromide alternatives, emissions reduction, improved application techniques, and/or containment technologies.

Such projects should focus on research, development, and commercialization of technologies that are not appropriately funded by other U.S. or Israeli government-funded research and development efforts. This assistance will take place through the use of Funding Agreements pursuant to this Notice.

Dates: Applications must be received by December 31, 1996.

For a complete copy of the RFP, please contact: Lee Bailey, Executive Director, U.S.-Israel Science and Technology Commission. Telephone: 202-482-6351; FAX: 202-501-6849.
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