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POSITIONS OPEN

MOLECULAR TOXICOLOGIST

The Department of Community and Environmental Medicine at the University of California, Irvine, seeks, subject to funding, to fill a POSITION IN MOLECULAR TOXICOLOGY. Applicants should have a Ph.D. in biochemistry/molecular biology with postdoctoral training in toxicology, and should have a strong interest in conducting research in molecular toxicology with special emphasis on cloning genes for potential use in monitoring ovarian cancer in humans. The position to be filled is ASSISTANT ADJUNCT PROFESSOR and is to be funded by the applicant’s own research grant(s). In addition to conducting basic research, academic duties include teaching in the Graduate Program in Environmental Toxicology and in the College of Medicine. Qualified applicants should have an ongoing research program including curriculum vitae, summary of research and teaching plans, and the names and addresses of three references to: Daniel B. Metro, Ph.D., Chair, Department of Community and Environmental Medicine, University of California, Irvine, Irvine, CA 92717-1825. UCI. Rooted in education, enriched by diversity.

VISITING ASSISTANT PROFESSOR

Medical Genetics

Applications are invited from qualified neurologists to fill a subsabbatical leave position for the 1994-95 academic year. Applicants will be expected to teach courses in choroid plexus anatomy, histology, evolution and the section on evolutionary biology. Prior experience teaching at the undergraduate level is important. Please send curriculum vitae, statement of teaching philosophy, and three letters of recommendation by 5 April 1994 to: Dr. Bruce Criley, Chair, Department of Biology, Illinois Wesleyan University, Bloomington, IL 61702-2996.

Illinois Wesleyan University is an Equal Opportunity Employer and persons from minority groups and women are encouraged to apply.

ECOLOGY. Entry-level ASSISTANT PROFESSOR, tenured-track position with major teaching responsibility in general biology. A commitment to teaching at the undergraduate level is essential; research interest in ecototoxicology is desired. Ph.D. required, teaching load 15 credit hours per quarter. To begin September 1994. Augusta College is a 5500 student, senior unit of the University System of Georgia. Application deadline: 28 April 1994. Send curriculum vitae, a statement of teaching philosophy, and names, addresses, and telephone numbers of three references to: Dr. Bruce Saul, Department of Biology, Augusta, GA 30904-2348. Augusta College is an Affirmative Action/Equal Opportunity Employer and specifically invites and encourages applications from women and minorities.

FOREST PATHOLOGIST

The University of California at Berkeley, Department of Environmental Science, Policy, and Management, invites applications for a nine-month, tenure-track appointment at the level of ASSISTANT, ASSOCIATE or FULL PROFESSOR beginning July 1, 1994. Salary is dependent on experience/qualifications. The appointee will be expected to participate in a research program on the biology and epidemiology of forest tree pathogen. This includes disease problems and interactions that have substantial economic and environmental resources (root and rust diseases, dwarf mistletoes, insects, air pollution and climate change). Specific program directions will depend upon applicant's expertise and interests. Teaching will involve responsibility for undergraduate and graduate teaching on conservation topics of broad interest and the role and management of plant diseases in forest and other woody ecosystems. The appointee must have a Ph.D. in plant pathology with training/experience in forest pathology. Knowledge of forest management, silviculture, and forest ecology is essential. Submit curriculum vitae, transcripts, publications, brief description of research goals, and names of three references to: Science, Search Committee Chair, Depaulment of Environmental Science, Policy, and Management, 147 Hilgard Hall, University of California, Berkeley, CA 94720. Deadline is March 1, 1994. The University of California is an Equal Opportunity Employer.

POSITIONS OPEN

Memphis State University

Department of Biology

FACULTY POSITION IN BIOCHEMISTRY

The Department of Biology, Division of Molecular Sciences and Microbiology, invites applications for a tenure-track position in biochemistry. The appointment will be made at the rank of ASSISTANT PROFESSOR. Minimum qualifications are a Ph.D. degree and postdoctoral training. Applicants for this position are expected to have an academic and research concentration in an area of biochemistry with support training in chemical, molecular biology and biochemistry. Successful candidates will be expected to develop a strong graduate research program and to provide quality teaching to undergraduate and graduate students. Review of applicants will begin on March 1, 1994, and continue until the position is filled. Interested candidates should send curriculum vitae, statement of research plans, representative reprints and names of three references to: Dr. T. Kent Gartner, Chair of Search Committee, Department of Biology, Memphis State University, 201 Life Sciences Building, Memphis, TN 38152.

Memphis State University is an Equal Opportunity/Affirmative Action University.

ANATOMICAL SCIENCES. Full-time, ASSISTANT PROFESSOR, tenure-track position available July 1, 1994. Full-time is four days per week. Responsibilities include teaching gross anatomy and histology to undergraduate dental students, and development of an externally funded research program. The position requires the Ph.D. and/or D.D.S. degree. In addition to teaching, the incumbent will carry out an externally funded research program. Salary is competitive. Review of applications will begin immediately. Send curriculum vitae, student evaluations, statement of research plans, three letters of recommendation and a teaching statement to: Dr. Roger H. Davis, Search Committee Chair, Department of Anatomy, College of Dental Medicine, University of Tennessee, Knoxville, TN 37996-1255.

Memphis State University is an Equal Opportunity/Affirmative Action University.

ASSISTANT PROFESSOR of Biology (tenure-track) to begin August 25, 1994, contingent on funding. Teach undergraduate lecture and laboratory courses in Human Anatomy and Physiology. Interest and ability to reach Nutrition and/or Microbiology desirable. Teaching load is 12 credits per semester. Opportunity for some research involving undergraduates. Share departmental responsibilities within a full-time faculty. Required: Ph.D. in Biology with background in Human Biology; evidence of outstanding teaching ability, genuine interest in teaching and advising undergraduates; commitment to undergraduate level instruction. Computer literacy expected and experience with computer interfaced experiments desirable. Salary and benefits competitive. Send letter of application and curriculum vitae (NFS024) to: Chair, Search Committee, Department of Biology, Adams State College, Alamosa, CO 81110. Affirmative Action/ Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

BIOLOGY (Anatomy and Physiology and/or Microbiology) and CHEMISTRY (Organic). Requires Master's degree with a major and/or 18 graduate hours in the teaching discipline from a regionally accredited institution. Teaching experience preferred. Send letter of interest, resume and transcripts no later than 5:00 P.M. March 9, 1994, to: Collin County Community College, Human Resources Office 2800 East Spring Creek Parkway Plano, TX 75024

Applications are solicited for a tenure-track ASSISTANT/ASSOCIATE PROFESSOR position. Preference will be given to funded investigators in the research field of alcoholic liver injury, liver toxicology, macrophage metabolism and function, cytokines, or free radical injury. Send curriculum vitae, a statement of research plans, three letters of recommendation and a teaching statement to: Chair, Search Committee, Department of Biology, LSU Medical Center, 1901 Perdido Street, New Orleans, LA 70112. Louisiana State University Medical Center is an Affirmative Action/Equal Opportunity Employer.
Grants Available For Research On Ataxia Telangiectasia

The A-T Children's Project exists solely to support first-rate, international scientific research aimed at finding a cure and/or improving the lives of all children with Ataxia-telangiectasia.

Competitive awards are given to researchers for one- and two-year projects to be funded up to a maximum total direct cost of $100,000 per year. No administrative overhead or fixed costs are supported. Quarterly grant awards are made through a careful and detailed, two-tiered, peer-review selection process.

The next deadline for submission of proposals is April 1, 1994, with decisions by June 1, 1994, and funds distributed by June 15, 1994. Interested researchers should write, call or FAX for information on grant proposal guidelines.

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• Scientific Director: David Cox, MD, PhD.

The Institute of Medicine of the National Academy of Sciences is seeking a Program Officer within its Food and Nutrition Board. Will assist Study Director to plan, organize, and manage committee development and meetings; maintain liaison with researchers, policy makers, institutions, and sponsors; plan study programs, design research approaches and methods, oversee/participate in data collection and analysis, and interpret research findings; assist in logistical planning, writing background papers, contributing to deliberations, and providing follow up preparations; perform literature searches, and write status reports, technical summaries, and interim/final project reports; oversee project staff; assist in identifying prospective committee members; monitor program expenditures; and be responsible for report production. Ph.D. or equivalent in a scientific or technical field, preferably biology, biochemistry, nutrition or a related field, and at least 1 to 2 years of directly related experience required, excellent oral and written skills, especially for preparing scientific and technical reports, research writing, briefing technical experts, and coordinating with research sponsors. Demonstrated laboratory or survey research experience, solid command of research methodology and statistics is required. Prior experience in relevant administrative areas, particularly supervision and budgeting, highly desirable. Please send resume in confidence to: NIPOM, PO Box 3445 (BBM), 2101 Constitution Avenue, NW, Washington, DC 20040. EOE
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Research Scientist Opportunities

Osteoporosis

PhD Scientist—Exciting career opportunity for a PhD Research Scientist to establish and maintain a cell biology laboratory for drug discovery in osteoporosis. Requires in-depth understanding of interaction between bone marrow and bone in health and disease. In this position, you will establish in vitro models for bone marrow differentiation and the role of cell/cell communication. Additionally, will establish, characterize and immortalize primary bone cell cultures and gene expression characterization and quantitation. Qualifications include a PhD in Cell Biology/Molecular Biology plus two years post-doctoral training; specialization in hematopoiesis and cell differentiation of the marrow compartment and the role of steroid hormones. Experience preferred in hematopoietic cell culture techniques, fluorescent-activated cell sorting, effects of steroid on hematopoiesis, hormonal regulation of hematopoiesis, stem cell characterization, megakaryopoiesis, and bone marrow co-culture assays.

BS/MS Scientists—Be an integral part of our Osteoporosis Group involved with in vitro and in vivo models of hormone secretion and in the collection of bone marrow samples. The selected candidates must possess a BS/MS in the biological sciences or the equivalent and have laboratory experience. Must have proven experience in performing cell culture techniques (including bone marrow co-culture assays), ELISA, RIA (including GH, CAMP, IgFI, and PTH), radioisotope handling and counting, receptor binding studies, HPLC, establishment of primary cell cultures, and maintaining, feeding and passaging of cell lines.

Hybridoma Technology

BS/MS Scientist—We are seeking a hybridoma specialist with at least 4 years experience generating monoclonal antibodies for our newly-equipped antibody facility. Experience in immunization protocols, cell fusions, media formulations and screening techniques is required. Additional experience in antibody purification, affinity constant determination and antigen preparation would be advantageous.

Cancer

BS/MS Lab Assistants—We currently have two assistant positions available in our Cancer group. Candidates should be skilled in molecular biology as well as in protein biochemistry techniques, with at least 1+ years experience. Familiarity with tissue culture techniques also desirable.

We offer competitive salaries and flexible benefits package including medical and dental insurance, paid holidays and vacation, educational assistance, savings and investment plan, pension plan, relocation assistance and more. To learn how you can be part of the future of Pfizer, send your resume, including a list of three references, to: Ms. Lynn Beaulieu, Employee Resources, Pfizer Inc, Central Research Division, Eastern Point Road, Groton, CT 06340. We are an equal opportunity employer.

Central Research
The Department of Pharmacology at Wake Forest University announces a tenure-track ASSISTANT/ASSOCIATE PROFESSOR position in developmental genomics. The position is available immediately. The successful candidate should hold a Ph.D. or equivalent degree in molecular biology, genetics, or cell biology and have a strong background in research on developmental processes. The University is an Equal Opportunity/Affirmative Action Employer, M/F, and is committed to diversity. Applicants should submit a detailed curriculum vitae, a brief statement of research interests and activities, three letters of recommendation to: Dr. Timothy Conaway, Chair, Search Committee, Department of Pharmacology, Wake Forest University, Winston-Salem, NC 27109. The Department of Pharmacology is an Equal Opportunity/Affirmative Action Employer, M/F, and is committed to diversity.

The Department of Pharmacology at Wake Forest University announces a tenure-track ASSISTANT/ASSOCIATE PROFESSOR position in developmental genomics. The position is available immediately. The successful candidate should hold a Ph.D. or equivalent degree in molecular biology, genetics, or cell biology and have a strong background in research on developmental processes. The University is an Equal Opportunity/Affirmative Action Employer, M/F, and is committed to diversity. Applicants should submit a detailed curriculum vitae, a brief statement of research interests and activities, three letters of recommendation to: Dr. Timothy Conaway, Chair, Search Committee, Department of Pharmacology, Wake Forest University, Winston-Salem, NC 27109. The Department of Pharmacology is an Equal Opportunity/Affirmative Action Employer, M/F, and is committed to diversity.

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in the Biomedical and Social Sciences

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APPLICATION DEADLINE: JULY 29, 1994

FURTHER INFORMATION:
Margaret Brown, Ph.D., Program Director
The Aaron Diamond Foundation Postdoctoral Research Fellowship Program
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New York, NY 10001
(212) 613-2525

DIRECTOR, PRECLINICAL BIOLOGY

This position will be responsible for managing a group of up to twenty (20) scientists with broad levels of experience and for successfully directing schedule driven research projects for determining the in vivo and in vitro function and therapeutic potential of gene medicines designed for the treatment of muscle wasting (cachexia), peripheral neuropathies, osteoporosis, hemophilia B, and other human diseases.

The successful candidate will have 7-10 years of experience in the development and characterization of biological models, preferably within a pharmaceutical or established biotechnology company, or a Ph.D., M.D., or D.V.M. with training in Molecular/Cell Biology, Pharmacology, Physiology or related field. Candidates should have a proven track record in the biological and pharmacological profiling of therapeutic agents and biotechnological products as demonstrated through publications and/or product development. Candidates should also have outstanding interpersonal skills and the ability to lead a research team working on multiple projects and clinical targets.

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METABOLIC DISEASES

Research on Type II diabetes and obesity. Studies include the investigation of insulin receptor signalling pathways and the identification and characterization of novel proteins involved in the signalling cascade. Requires a Ph.D. in Molecular Biology, Biochemistry or related disciplines. Please refer to position PB

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Participate in a cross-disciplinary project which involves the production of novel forms of cytokine receptors for structural studies. Activities will include the engineering, expression, purification and biochemical characterization of receptor fragments that retain the capacity for ligand binding. Requires a Ph.D. in Molecular Biology, Biochemistry, or related discipline. Please refer to position RP

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POSITIONS OPEN

ECOLOGISTS

The newly organized Division of Ecology and Organismal Biology in the Department of Biology at Memphis State University invites applications for one senior and two junior faculty positions (ASSOCIATE/ASSOCIATE PROFESSOR) in ecology. The Department offers M.S. and Ph.D. degrees, and has a 15-faculty research and teaching staff with research and teaching facilities both on the main campus and at two sites off campus.

For the junior faculty positions, we will be expected to develop strong extramurally funded programs in an area of ecology. Applicants at the more senior level should have an established record of scientific publications and externally funded research. Special preference will be given to applicants who study wetland systems including forested and urban wetlands and with emphasis on population, community, or landscape ecology. Applicants in other areas of ecology are encouraged to apply. Teaching duties will include graduate specialty courses and participation in the general biology program. One of the two successful candidates will develop a core course in general ecology for majors. Ph.D. degree required and postdoctoral experience preferred.

Send curriculum vitae, a statement of research and teaching interests, a maximum of five reprints, and three letters of reference to: J. F. Payne, Ecology Search Committee, Division of Ecology and Organismal Biology, Department of Biology, Memphis State University, Memphis, TN 38152. Evaluation of applications will begin 21 March 1994 and continue until the positions are filled. Memphis State University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS

The Department of Pharmacological and Pharmaceutical Sciences at the University of Houston has two (2) senior tenure-track positions available. Applicants should have a Ph.D. degree in related fields, a recognized funded research program, and the ability to establish collaborative research with scientists in a variety of fields at the University of Houston. Applicants must be committed to teaching in the undergraduate and graduate programs, and must be engaged in research and development. Preference will be given to candidates with research programs in pharmacology, pharmacokinetics, anatomy or physiology. Applicants should send a letter of inquiry, curriculum vitae, a statement of research and teaching interests, and three letters of reference to: Dean, School of Medicine, University of Houston, Houston, TX 77204. Review of applications will begin on 15 March, 1994, and continue until the positions are filled.

UNIVERSITY OF THE VIRGIN ISLANDS

ST. THOMAS

Candidates are invited to apply for the position of VISITING ASSISTANT PROFESSOR OF MARINE BIOLOGY. A Ph.D. in Biology or Marine Biology and college level teaching experience required. Field experience in the tropics preferred. Must be able to work with people of diverse educational and cultural backgrounds. The successful applicant will teach ecology, population biology, and marine biology courses. Preference will be given to candidates with interest in teaching and research in the fields of aquatic plant biology, marine invertebrates, or ecology. The position will be expected to carry out other normal faculty responsibilities including committee assignments and student advising. The salary for this faculty position ranges from $30,679 to $42,468 for the academic year depending upon qualifications and experience. Applications accepted until the position is filled (anticipated start on 1 August 1994). A letter of application, up-to-date résumé, official college transcript, and three letters of recommendation should be addressed to: Dr. Douglas C. Ebenbus, Chair, Search Committee, Department of Biological Sciences, University of the Virgin Islands, Box 1200, Christiansted, St. Croix, U.S. Virgin Islands 00820.

The University of the Virgin Islands is an Affirmative Action, Equal Opportunity, Title IX, Section 504 Employer and Education.
THE SAMUEL ROBERTS NOBLE FOUNDATION
Postdoctoral Positions:
Molecular Plant-Microbe Interactions

(1) Dr. Maria J. Harrison, molecular and genetic analysis of mycorrhizal symbioses. Project involves isolation of mutants of *Medicago truncatula* compromised in establishment and maintenance of the symbiotic association. Experience in molecular biology and genetic analysis essential. (2) Dr. Nancy L. Paiva, alteration of secondary metabolism in alfalfa. A major responsibility will be to purify and clone an isoflavonoid prenyltransferase for use in the genetic manipulation of phytoalexin structures. Experience in enzyme purification is essential and familiarity with phytochemical analysis and molecular biology techniques desirable. (3) Dr. Madan K. Bhattacharyya, resistance gene cloning. The project involves genetic and physical mapping of the soybean Rps1 fungal resistance gene, library construction and chromosome walking. An understanding of genetic principles and experience with molecular techniques is essential. (4) Dr. Richard A. Dixon, genetic manipulation of lignin. The project involves phytochemical analysis, including 13C-NMR, of modified lignins produced by genetic engineering, and production of further modified transgenic lines of tobacco and alfalfa. Experience in analytical phytochemistry essential, molecular expertise desirable. Applicants must be highly motivated with a strong publication record and excellent communication skills. Please send CV, statement of research interest and three letters of recommendation to the appropriate person at Plant Biology Division, Samuel Roberts Noble Foundation, P.O. Box 2180, Ardmore, OK 73402, phone (405) 223-5810, FAX (405) 221-7380. The Noble Foundation is an equal opportunity employer.

NRC is Canada's principal science and engineering organization. We work with industry partners to improve Canada's competitiveness. Currently, the **Institute for Biological Sciences (IBS)** is looking for an energetic person who will provide the leadership required to further enhance our record of excellence.

**Research Officer**

**Ottawa, Ontario**

**Your Challenge**

Within the Cellular Neurobiology Group, you will develop and carry out advanced research in specified aspects of neurobiology. You will be responsible for leading and participating in research projects related to cell signalling in normal and abnormal cell physiology and pathology.

**Your Credentials**

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**Salary Range:** Commensurate with qualifications.

To explore this opportunity, send your resume before February 11, 1994, indicating reference number BS-93-15-SC, to: The Recruitment and Staffing Section, National Research Council Canada, Ottawa, Ontario K1A 0R6.

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The University of Ottawa is expanding its research activity in the field of molecular neuroscience to be housed in a new Institute. Applications are invited for the ASSISTANT/ASSOCIATE PROFESSOR level. The successful applicants will use molecular biology techniques to investigate the mechanisms relevant to neural development and regeneration. The successful candidate will have a proven record of research productivity and potential to support their own research, but set-up funds are available. Applicants should submit curriculum vitae and a summary of their research interest as well as future plans. In accordance with the stipulations of the University of Ottawa, this advertisement is directed primarily to Canadian citizens and permanent residents. Ottawa is an attractive city that offers excellent cultural activities, sports and recreational facilities.

DIRECTOR

DIRECTOR, Natural History Museum, University of Kansas, Lawrence. We seek a Director who will promote the role of the Museum in systematic and evolutionary biology and continue the Museum's excellence in collections, research, and public education. A terminal degree and eligibility for tenure as professor and an aptitude for management of financial resources and personnel are required. The successful candidate will be selected from a short list of qualified applicants by the University of Ottawa, Neurosciences Research Institute, 451 Smyth Road, Ottawa, Ontario Canada K1H 8M5.

FACTORY POSITIONS IN BIOLOGY AND ENVIRONMENTAL SCIENCE

The Department of Biological Sciences is seeking to fill three positions to support teaching and research efforts of the Texas Regional Institute for Environmental Studies (TRIES). TRIES is a research consortium, headquartered on campus, directed toward a broad range of environmental problems. Ph.D., university teaching experience and significant evidence of research potential are required for tenure-track positions. (1) Assistant Professor, tenure-track, Plant Taxonomy/Ecology. Duties include TRIES research and teaching plant taxonomy and ecology. (2) Assistant Professor, tenure-track, Microbiology/Bioremediation. Duties include research and teaching microbiology and introductory biology. Salary history, salary history and a proven ability to develop extramural funding are desirable. (3) Lecturer, University of Houston, Department of Biological Sciences, 77343. An Equal Opportunity/Affirmative Action Employer.

The North American Lake Management Society is seeking an EXECUTIVE DIRECTOR to guide the Society in the achievement of its mission, "To forge partnerships among citizens, scientists and professionals to foster the management and protection of lakes and reservoirs for today and tomorrow". Qualified candidates will be highly motivated individuals with exceptional managerial and leadership skills, demonstrated fundraising ability, and experience working with non-profit groups, volunteers and diverse constituencies. For full consideration, applicants must be able to describe qualifications relative to this position by April 1, 1994, to: NALMS, ED Search Committee, One Congress Boulevard, Box 27, Alachua, FL 32615-9536. For inquiries contact NALMS at (904) 462-2554.

POSITIONS OPEN

Chair

Department of Pharmacology

The School of Medicine at Wayne State University is inviting nominations and applications for the position of CHAIR OF THE DEPARTMENT OF PHARMACOLOGY. This position will be available in July 1994. The Chair will be responsible for the overall administration of the Department. The successful candidate will be expected to provide scientific leadership within the School in an interdisciplinary fashion.

Applications are requested from individuals with a statement of interest, a curriculum vitae and a brief list of references. All correspondence should be directed to:

George Dambach, Ph.D.
Associate Dean for Continuing Education
School of Medicine
Wayne State University
540 E. Canfield, 1201 Scott Hall
Detroit, MI 48201

Phone: (313) 577-1455
Fax: (313) 577-8777

The School of Forestry at Auburn University is soliciting applications for a faculty position in landscape, ecosystems, or community ecology. This is a 12-month, tenure-track position with responsibilities in teaching and research, to hold a Ph.D. in forest ecology or a closely related field. Experience in studying hydrologic linkages among natural forest ecosystems and/ or a demonstrated knowledge of the ecological diversity and system processes at the landscape level is preferred. Quantitative skills such as spatial statistics and GIS are highly desirable. Preference will be given to candidates with experience in acquiring extramural funding and a demonstrated ability to publish in refereed journals. Closing date: May 1, 1994, or until a qualified applicant is identified. For information, contact Dr. Graeme Lockaby at (205) 844-1054. To apply, submit a letter of application, curriculum vitae, official transcripts, and the names of three references to: Professor Martin, School of Forestry, Auburn University, AL 36849-5418. Auburn University is an Equal Opportunity/Affirmative Action Employer, applications from minorities and women are encouraged.

Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia, invites applications for the following position: DIRECTOR, National Center for HIV and STD Prevention (NCCDPHP). The director, NCCDPHP, directs a comprehensive program for the prevention of premature death and disability due to HIV/AIDS, STDs, tuberculosis, and other diseases and promotes the overall health of the population. NCCDPHP has approximately 750 employees in disciplines such as medicine, demography, health education, behavioral science, nutrition, and epidemiology in Atlanta, the District of Columbia, and in assignments with state and local health departments. The multifaceted programs of NCCDPHP include prevention of tobacco use, nutrition-related health problems, diabetes, breast/cervical cancer, reproductive health, and a variety of chronic diseases. Other programs focus on maternal/child health, women's health, school health, school health education, and behavioral risk factor surveillance. Qualifications include broad knowledge of public health programs related to chronic disease prevention and proven ability to provide administrative and scientific leadership for a multidisciplinary health program. A doctoral degree (M.D., Ph.D., or equivalent) is desirable. This senior executive service position is in the career civil service with an annual salary range of $92,900 to $115,700. Members of the commissioned corps of the Public Health Service are also eligible to apply. Physicians may be eligible for a comparable allowance of up to $20,000 per year. Interested applicants may send curriculum vitae and names of three references to: Dr. Nancy Pence, Personnel Management Office, Mailstop D01, Centers for Disease Control and Prevention (C.D.C.), Atlanta, GA 30333-4007. Telephone: (404) 639-2614. C.D.C. is an Equal Opportunity Employer and provides a smoke-free work environment. This is a drug testing agency.

The Department of Mechanical Engineering at the Massachusetts Institute of Technology invites applications for a postdoctorate position in the area of THERMOFLUID SCIENCES. Areas of interest include, but are not limited to, studies in the fundamentals of molecular and interfacial phenomena, multiphase transport processes in complex flows, applications of computational diagnostic models. The appointee is expected to contribute to teaching and curriculum development at the undergraduate and graduate levels, and to develop a successful research program in his/her field of interest.

Candidates should have a Ph.D. in mechanical engineering or a related field, and have a demonstrated interest in and experience in teaching and research. Individuals with industrial-related experience are particularly encouraged to apply. Preference will be given to appointments at the junior level (untenured assistant/associate professor). Senior candidates with outstanding credentials may be considered for appointments at advanced levels. Applicants should send curriculum vitae (with citizenship and/or visa status), including a 1 to 2 page statement of current and future research interests, publications list, and the names and addresses of at least four references to: Thermofluids Sciences Faculty Search Chair, Department of Mechanical Engineering, Room 3-173, Massachusetts Institute of Technology, Cambridge, MA 02139. Resumes received after April 30, 1994, may not be given full consideration. MIT is an Equal Employment Opportunity/Affirmative Action Employer. Women and members of minority groups are strongly urged to apply.

POSTDOCTORAL POSITION. The Industrial Biotechnology Applications and Development Group, Idaho National Engineering Laboratory, invites applications for a postdoctoral appointment in molecular biology and/or bioprocess engineering. The ideal candidate will have experience in prokaryotic gene expression, cDNA cloning, site-directed mutagenesis, catalysis of complex enzymes, ribosomal RNA sequence analysis, PCR, or optimization of enzyme production in continuous cultures. Candidate must be a U.S. citizen. One year appointment with possibility of renewal. Salary depends upon experiences. Interested candidates should send curriculum vitae and current references to: Dr. D.L. Shoaf, INEL, P.O. Box 1615, Idaho Falls, ID 83415-2203. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION IN MOLECULAR GENETICS OF HIV INFECTION

Available for the identification of genes controlling blood pressure in genetically hypertensive rats. Techniques include library construction and screening, cloning, RFLP analysis, PCR, DNA sequencing, linkage analysis, paternity analysis, and human genetic mapping. Applicants must have a Ph.D. Experience in molecular biology and/or genetics is desirable. Send curriculum vitae and names of three references to: Dr. S. B. DeBash, Chair, Department of Physiology and Biophysics, Medical College of Ohio, P.O. Box 10008, Toledo, OH 43669. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS to apply newly developed combinatorial optimization algorithms and methods to engineer either therapeutic antibodies or photodynamic proteins. Successful applicants should have previous experience in one or more of the following areas: phage displayed antibodies, combinatorial chemistry, computer science, or photodynamic systems. Dr. Douglas C. Youvan, Palto Alto Institute of Molecular Medicine, 2462 Wyandotte Street, Mountain View, CA 94043.

POSTDOCTORAL POSITION IN MOLECULAR VIROLOGY AND CANCER

A postdoctoral position is available to study the role of hepatitis B viruses in liver carcinoma. Studies will focus on the effects of viral genes on growth factor and tumor suppressor gene signal transduction pathways in chronic carriers. Candidates should have a Ph.D. degree and experience in molecular genetics and/or virology. Please send curriculum vitae and names of three references to: Charles R. Hild, Liver Research Laboratories, U.C.S.D. Alpert Einstein College of Medicine, 631 Albert Einstein College of Medicine, Jack & Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, NY 10461. An Equal Opportunity Employer.
Molecular and Cellular Biology-Pathophysiology of the vascular wall (endothelial dysfunction, proliferation of vascular smooth muscle cells)

Electrophysiology of vascular smooth muscle, in particular in the field of pulmonary circulation (function of the endothelial cells, interaction endothelium/smooth muscle, patch clamp).

If you are interested in one of these positions, for an expected 18 months duration, please write to PUBLIVAL/1038 27 route des Gardes - 92190 MEUDON - and add your CV and a photo.

Clinical Research Scientist
Anti-Infective Development

At Burroughs Wellcome Co., you can discover your full potential for scientific research in an atmosphere where you will have access to world-renowned expertise. The result is an opportunity to extend the boundaries of knowledge, and enhance your skills. Discover your capabilities at Burroughs Wellcome Co.

The Department of Infectious Diseases & Immunology has the following opportunity which offers drug development challenges focusing on major viral diseases:

Position will be filled at the Clinical Research Scientist I or Clinical Research Scientist II level. The level of responsibility to be assigned will depend on the individual applicant’s educational background and experience level.

Clinical Research Scientist I: Must have a Master’s degree in a biological, physical, health, or other related science or a Doctor of Pharmacy degree PLUS 4 years of clinical/research experience (e.g. employment in a patient care setting, such as nursing or pharmacy, clinical laboratory experience; experience as a clinical research monitor/coordinator). OR a Ph.D in one of the disciplines described above, PLUS 1 year of clinical/research experience (as described above). Scientific writing assessment.

Clinical Research Scientist II: Must have a Master’s degree in one of the disciplines described above OR Doctor of Pharmacy PLUS 6 years of clinical/research experience as described above OR a Ph.D in one of the disciplines described above PLUS 3 years of clinical/research experience as described above. Scientific writing assessment.

Other factors to be considered in selection include advanced training or experience in infectious diseases or microbiology, clinical drug development experience, experience with clinical research methodology/activities (e.g. study design, site monitoring) and computer experience. Will require frequent travel.

In addition to the advantages of our stimulating and challenging atmosphere, Burroughs Wellcome Co. offers one of the best compensation and benefits packages in the industry, including comprehensive health and dental plans, life and disability coverage, tuition reimbursement, relocation benefits, pension and investment savings plan, fitness facilities and more. To apply, please send your resume or C.V. indicating POS. #65381-19 in your cover letter by March 7, 1994 to: Burroughs Wellcome Co., HR-RD&M, 3030 Cornwallis Road, Research Triangle Park, NC 27709.

For information on other job opportunities with Burroughs Wellcome Co., call our job information line at 919-315-8347.
POSTDOCTORAL POSITION available immediately to participate in an ongoing research program on primate microbrial and immunological processes. Experience can be gained in microbial and virological processes related to enterovirus infections. Send curriculum vitae and references to: 4128 Washington, Washington, DC 20037.

POSTDOCTORAL POSITION available to study molecular and functional characterization of human blood progenitor cells. Experience with molecular and cell biological techniques is required. Send curriculum vitae and references to: 70100 South Edgewood Street, Lakeville, MN 55044.

POSTDOCTORAL POSITION available to study the effects of infectious agents on the immune system. Experience with molecular biology techniques is required. Send curriculum vitae and references to: 11000 University Drive, Columbia, MD 21045.

POSTDOCTORAL POSITION available to study the molecular and cellular mechanisms of viral gene regulation and protein synthesis. Experience with molecular biology techniques is required. Send curriculum vitae and references to: 510 East Main Street, Charlotte, NC 28201.

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Tenure-Track Faculty Positions
Department of Genetics

The Department of Genetics of the University of Pennsylvania School of Medicine is undergoing expansion and plans to make several appointments in each of two areas: 1. Molecular genetics of lower eukaryotes, and 2. Mammalian or developmental genetics, including human molecular genetics. Attractive new laboratory space and other resources are available.

The deadline for applications is April 1, 1994. Send curriculum vitae, including bibliography, statement of research interests, and names and addresses of at least three references to:

Chair, Search Committee
Department of Genetics
School of Medicine
University of Pennsylvania
422 Curie Boulevard
Philadelphia, PA 19104

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Tampa Bay Research Institute
Assistant Professor

Tampa Bay Research Institute of St. Petersburg, Florida, and Salem-Teikyo University of Salem, West Virginia, announces the development of a joint Graduate Program in Molecular Biology/Technology. Currently, applications for a junior position of Assistant Professor in the laboratory of Virology are being solicited.

The focus of the research will be in the molecular mechanisms of herpes virus latency, focusing on the identification of viral gene expression and of viral DNA replication. This is a collaborative effort eventually leading to an independent research program.

Tampa Bay Research Institute is based in a modern facility with excellent individual laboratory and office space, and centralized facilities including a Biotechnology Service laboratory, transgenic mice and in-house DNA sequencing data base.

Salem-Teikyo University, already committed to strengthening its undergraduate training in Molecular Biology/Biotechnology, is establishing a Graduate Program. Incumbent must have demonstrated communication skill and ability to teach at the graduate level.

Successful candidates will have their research programs located in Florida and will teach one modular course per year at STU. Joint appointments at Tampa Bay Research Institute are expected for successful candidates.

Applicants should have a Ph.D., or equivalent. Interested individuals should send curriculum vitae, list of publications, and names and addresses of three references to the Chairman, Search Committee, Tampa Bay Research Institute, 10900 Roosevelt Blvd., St. Petersburg, Fl 33716.

It Takes More Than Good Intentions To Be A Health Care Pioneer.

The Pharmaceutical Products Division of Abbott Laboratories is committed to developing novel drugs to meet the medical needs of the 21st century. As part of that commitment, we have recently instituted a new Lead Discovery Area focused on the identification and characterization of novel pharmacologically active compounds.

To support our success, we now have openings for:

SR. RESEARCH PHARMACOLOGIST

You will develop and implement high capacity screening assays to identify agents for the treatment of immunological disorders or aging and degenerative diseases. This will involve directing 2-3 associate scientists. Assays will utilize receptor binding, enzymatic, molecular biology and other pharmacological techniques.

We expect a PhD in Biochemistry, Molecular Biology or Pharmacology and 3-5 years experience. You must be goal oriented and committed to high capacity screening. Reply to Job# 71234A.

SR. RESEARCH MICROBIOLOGIST

You will develop and implement high capacity screening assays to identify agents for the treatment of viral, bacterial and fungal infections. This will involve directing 2-3 associate scientists. Test systems will include biochemical, enzymatic, molecular biology or whole cell assays.

We require a PhD in Biochemistry, Molecular Biology or Microbiology and 3-5 years experience. You must be goal oriented and committed to high capacity screening. Reply to Job# 71234B.

MANAGER

Chemical Repository and Acquisitions

You will oversee our chemical repository, direct an aggressive chemical acquisition program, and supervise 10+ associate scientists involved in compound registry, chemical structure computer entry, physical inventory and worldwide sample shipment. In addition, you will direct computer and information systems personnel devoted to chemical and chemical/biological database development and end-user services. You will also identify and acquire diverse chemical research libraries.

We require a PhD in a relevant field of Chemistry and 3-10+ years experience involving chemical research, chemical databases, computer application and/or molecular modeling. Reply to Job# 71234C.

RESEARCH ASSOCIATES

Immunoscience Research...Your primary focus will be to help establish a new cell and tissue culture facility and develop animal models of inflammation and joint diseases. We require a BS or MS in Biochemistry, Cell Biology or Pharmacology and 3-5 years of laboratory experience in a range of in vitro and in vivo techniques directed toward new drug development. Reply to Job# DM67482.

Neuroscience Research...The successful candidate will have a MS in Biology or Pharmacology, or a BS with 2-3 years of laboratory experience. Background in pharmacological assays, including enzyme assays, radioligand binding and/or functional assays in isolated tissues or cells is also required. Some experience with cell culture would be an advantage. Reply to Job# EK73683.

Abbott provides an excellent salary and benefits package including profit sharing and a stock retirement plan. We are located in an attractive suburban area, approximately 30 miles north of Chicago. For confidential consideration, please send a resume and salary history (indicating appropriate Job#) to: Patricia Handy, D-393, J30, Abbott Laboratories, One Abbott Park Rd., Abbott Park, IL 60064. Abbott is an Affirmative Action Employer/Smoke-Free Environment.
The Department of Anatomy and Physiology and the Center for Research in Animal Reproduction (CRA) of the Faculté de médecine vétérinaire, Université de Montréal, seek an individual with a Ph.D. and postdoctoral training in endocrine biochemistry and molecular biology, with a background in studies of the genome of domestic animals for a tenure track position. The successful candidate will initiate his/her program of research as well as become an interactive member of a group of 8 investigators of the CRA who are working in ovarian physiology and embryo biology. As a member of the Anatomy and Physiology, the candidate will be expected to teach at the undergraduate and graduate levels. Ability of work in French, or the willingness to acquire said ability within a reasonable period is also necessary. The salary and rank of the individual chosen will be determined by the collective agreement currently in force. Applications will close on April 1, 1994, or when a suitable candidate is found. Please apply by sending a curriculum vitae, a letter indicating research interests and names, addresses and telephone numbers of three referees to: Dr. L. Delrooth, Head, Department of Anatomy and Physiology, Faculté de médecine vétérinaire, Université de Montréal, C.P. 5000, Saint-Hyacinthe (Québec), J2S 7C6. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The University is committed to equal employment opportunity for women.

University of Montreàl
Faculté de médecine vétérinaire
ANATOMY AND PHYSIOLOGY
AND RESEARCH IN
ANIMAL REPRODUCTION

The Department of Anatomy, School of Veterinary Medicine, in cooperation with the Lafayette Center for Medical Education (a part of the Indiana Statewide Medical Education System), is offering a tenure track assistant professorship for an individual with a M.D./Ph.D. or Ph.D. from an anatomical sciences department of a medical school. The primary teaching duty will be to teach gross and developmental human anatomy to 16-20 first year medical students and secondarily developing a graduate course in gross anatomy as an outreach to other departments on the Lafayette campus. The department fosters excellent teaching which utilizes innovative educational methodologies. The applicant should have postdoctoral training in cell and/or molecular biology with an emphasis towards studying significant problems in cellular differentiation or tissue regeneration. The research should be funded by extramural peer-reviewed grant agencies or foundations. Current research activities in the department center on osteogenesis and implant biocompatibility, embryonic development in hypograftry, dietary fatty acid regulation of immunity, and the role of insulin-like growth factors in enterocyte differentiation, and CRPS regeneration. A research laboratory, research technician (for at least two years) and start-up funds will be provided by the department. Graduate student support is also available.

Application review will begin February 1, 1994 and continue to 1 July 1994 or until the position is filled. Interested applicants should send their vita, description of teaching and research experiences and plans, reprints of publications and three letters of recommendation to Dr. D.C. Van Sickie, VAN Search Committee, School of Veterinary Medicine, Purdue University, West Lafayette, IN 47907-1242. (telephone 317-494-3623 or fax 317-494-1772).

Purdue University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.
University of Illinois at Urbana-Champaign
Vice Chancellor for Research and Dean of the Graduate College

Nominations and applications are invited for the position of Vice Chancellor for Research and Dean of the Graduate College at the University of Illinois at Urbana-Champaign. This is one of four Vice Chancellors reporting to the Chancellor of the Urbana-Champaign campus, and is a key campus-level academic administrator.

The responsibilities of the position include: the promotion and maintenance of excellence in research and scholarship; the promotion of excellence in graduate education and oversight of graduate programs; administration of service and research units reporting to the office of the Vice Chancellor for Research and Dean of the Graduate College; interaction with public and private sources of support for University research activities; formulation, implementation, and administration of policies regarding patents, copyrights, and intellectual property rights in research agreements with private sponsors; coordination of computing and telecommunications resources for the campus; and administration of federal and state regulations relating to research activities.

The Vice Chancellor and Dean should have a commitment to excellence in research, scholarship, and graduate education in all areas of a leading, comprehensive university, as well as to equal opportunity and affirmative action. He or she should have the following qualities: leadership ability and success in working with agencies which support research, both within and outside the University; ability to work with administrative units and faculty to maintain and strengthen the University of Illinois at Urbana-Champaign as a major center of the highest quality graduate education and research; and an outstanding record in research, scholarship, and teaching, with experience in supervising Ph.D. theses. Candidates should be eligible for a faculty appointment in an academic unit.

Salary open. Position available August 21, 1994. To be assured of full consideration, nominations or applications (including resume) should be submitted by March 1, 1994 to:

Professor Jane Liu, Chairperson
Search Committee for Vice Chancellor Research and Dean of the Graduate College
University of Illinois at Urbana-Champaign
Swanlund Administration Building
601 East John Street
Champaign, Illinois 61820

The University of Illinois is an Affirmative Action, Equal Opportunity employer.

POSITIONS IN THE UCSD PROGRAM IN HUMAN GENE THERAPY

The new Gene Therapy Program at the University of California, San Diego announces the availability of two positions (tenured, tenure-track series, research series, or other series as appropriate). The level of appointment and departmental affiliation, salary will be commensurate with the experience and qualifications of the successful candidate and will be based on published UC pay scales. The applicants must have M.D. or Ph.D. degrees.

1. Director of the Clinical Applications Core Laboratory. The director of this unit will be responsible for supervising the preparation of cells and gene transfer reagents suitable for use in human clinical studies. The successful candidate must have experience with the preparation of human gene therapy protocols, with the design of human clinical research protocols, and with the local and federal regulatory processes for vector certification, including presentations to the Recombinant DNA Advisory Committee and Food and Drug Administration. The director must also have experience with molecular genetics and will be expected to establish an independent research program.

2. Director of a Gene Expression Core Laboratory. The director of this laboratory will be responsible for developing structural and molecular assays for gene therapy studies and for training of staff participating UCSD faculty. The director should have experience with histopathological and molecular genetic techniques, including tissue preparation, immunohistochemical and in situ hybridization techniques, blotting and PCR methods and will also be expected to maintain an independent research program.

Please submit resumes and names and addresses of three references to Theodore Friedmann, M.D., Director, UCSD Gene Therapy Program, Center for Molecular Genetics, UCSD School of Medicine, La Jolla, CA 92039-0634. The deadline for submission of applications is 1 April 1994. AA/EOE.

KUWAIT FOUNDATION FOR THE ADVANCEMENT OF SCIENCES (KFAS)
INVITATION OF NOMINATIONS FOR THE KUWAIT PRIZE 1994

The Kuwait Prize was institutionalized to recognize distinguished accomplishments in the arts, humanities and sciences. The Prizes are awarded annually in the following categories:

A. Basic Sciences
B. Applied Sciences
C. Economics and Social Sciences
D. Arts and Letters
E. Arabic and Islamic Scientific Heritage

The Prizes for 1994 will be awarded in the following fields:

A. Basic Sciences: Molecular Biology
B. Applied Sciences: Nutrition and related Diseases
C. Economics and Social Sciences: Development of Arab Human Resources
D. Arts and Letters: Comparative Literature
E. Arabic and Islamic Scientific Heritage: Mining and Metallurgy

Foreground and Conditions of the Prize:

1. Two prizes are awarded in each category:
   * A Prize to recognize the distinguished scientific research of a Kuwaiti, and,
   * A Prize to recognize the distinguished scientific research of an Arab citizen.
2. The candidate should not have been awarded a Prize for the submitted work by any other institution.
3. Nominations for these Prizes are accepted from individuals, academic and scientific centers, learned societies, past recipients of the Prize, and peers of the nominees. No nominations are accepted from political entities.
4. The scientific research submitted must have been published during the last ten years.
5. Each Prize consists of a cash sum of K.D. 30,000/- (U.S.$100,000/-approx.), a Gold medal, a KFAS Shield and a Certificate of Recognition.
6. Nominators must clearly indicate the distinguished work that qualifies their candidate for consideration.
7. The results of KFAS decisions regarding selection of winners are final.
8. The papers submitted for nominations will not be returned regardless of the outcome of the decision.
9. Each winner is expected to deliver a lecture concerning the contribution for which he was awarded the Prize.

Inquiries concerning the Kuwait Prize and nominations including complete curriculum vitae and updated lists of publications by the candidate with four copies of each of the published papers should be received before 31/10/1994 and addressed to:

The Director General
KUWAIT FOUNDATION FOR THE ADVANCEMENT OF SCIENCES
P.O. Box: 25263, Safat - 13113, Kuwait
Tel: +965 2429780
Fax: +965 2415365
CELLULAR IMMUNOLOGIST

Virogenetics Corporation, a leader in the research and development of recombinant poxvirus vectors for producing a new generation of human and veterinary vaccines and immunotherapies, invites applications for a RESEARCH SCIENTIST position.

A position is open for a research scientist with a background in cellular and tumor immunology. Applicants should possess a Ph.D. in relevant field and have at least two years of postdoctoral experience. The position will require the development of a strong research program utilizing recombinant poxviruses in animal tumor model systems. Working knowledge of the regulation of the immune system will be advantageous. Leadership, organization, teamwork, and communication skills are essential.

Located in pleasant surroundings, VIROGENETICS CORPORATION encourages multi-disciplinary collaboration within a stimulating research environment. Along with the opportunity for professional advancement, a comprehensive benefits package and attractive salary, commensurate with qualifications, are offered.

For immediate consideration, interested candidates should submit a curriculum vitae with the names of three references to: Attention: Search Committee, Virogenetics Corporation, 465 Jordan Road, Troy, New York 12180.

An affirmative action/equal opportunity employer.

PROGRAM DIRECTOR at the rank of Assistant/Associate Professor (Senior Research). Rank will be determined by experience. Salary: Up to $55,000 per year depending on qualifications and experience. An experienced research scientist is sought for this newly created position. The Program Director will provide leadership in developing multi-agency interdisciplinary projects in Conservation Biology within OSU's Center for Analysis of Environmental Change, involving its partners (Oregon State University, USDA Forest Service Pacific Northwest Experiment Station, USEPA Environmental Research Laboratory, Corvallis, and Batelle Pacific Northwest Laboratories) and other organizations.

Current CAEC projects in Conservation Biology are concerned with conservation and restoration of coastal salmonid populations of the North Pacific Rim in relation to environmental changes. The Program Director will lead a newly funded project designed to develop cooperation in Conservation Biology and Water Management between the Russian Far East and the U.S. and will develop and direct new proposals. The successful applicant will be expected to maintain an active involvement in appropriate research opportunities for the CAEC in Conservation Biology. Applicants must have a Ph.D. in Fisheries Science, Conservation Biology, Ecosystem Management, or a related field, with five to ten years research experience and with experience in leading multi-disciplinary teams. International travel to develop research programs will be necessary. Knowledge of computing applied to data analysis and geographic information systems is desirable. This is a fixed-term position as a full-time Assistant/Associate Professor (Senior Research) with appointment renewal being at the discretion of CAEC's Director.

A letter of application with a full resume, plus names, addresses, and telephone numbers of three references must be received by 4 March 1994. Send to:

Dr. Mike H. Unsworth, Director
Center for Analysis of Environmental Change
283 Weniger Hall
Oregon State University
Corvallis, OR 97331-6511

OSU is a AA/EO employer and is responsive to dual-career needs.

Be a Part of the New Era.

Advertise in SCIENCE Magazine's March 11 Special Section:

Women in Science 1994

A Global Focus on Women.
The Women in Science special section examines the growing role of women in the scientific community around the world. Features include:

- Women in Different Cultures: What factors determine the position of women scientists in different cultures? What are the perspectives of women who have worked in different cultures?

- Profiles: SCIENCE profiles women working in diverse national cultures, including Germany, Turkey, China, the Philippines and India.

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The Division of Nutritional Sciences invites applications for an endowed position in Molecular Nutrition. Candidates should have a record of scientific excellence in molecular nutrition and leadership commensurate with an endowed appointment. This is a 9 month tenured academic appointment and the holder of the endowed position will hold a joint appointment in the Department of Human Ecology and the Department of Molecular Biology.

The Division of Nutritional Sciences offers programs leading to the B.S., M.A. and Ph.D. in Nutritional Sciences. The Division, with approximately 150 undergraduate and 50 graduate majors is located within the College of Natural Sciences. The University of Texas at Austin is the oldest and largest of the University of Texas System's 15 component institutions. It has a main campus of 357 acres and 110 buildings, 48,500 students, 2,300 faculty members and a staff of more than 10,000. Austin is located on the Colorado River at the eastern edge of the beautiful Texas Hill Country, and boasts a pleasant, mild climate, a diverse culture, and an economy based on state government, The University, and a number of high technology industries.

Applications will be accepted until April 15, 1994. After that date the search committee may request and consider credentials from candidates nominated by responsible sources. Candidates should submit curriculum vitae, description of current and future research plans, and names of three references to: Dr. Mary Locianski, Chairman Search Committee Division of Nutritional Sciences Department of Human Ecology 22700 The University of Texas , Austin, Texas, 78712-1097

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Position Open

Computational Biochemist

Postdoctoral Position beginning summer/fall 1994 in structure-based design of proteins, inhibitors, and targeting of viruses and analysis of molecular recognition. Good experimental collaborations. Ph.D. required; experience in computer programming, protein secondary structural, and molecular graphics preferred. Send curriculum vitae, research interests, and names of three references to: Dr. Larry Kahn, Box 60, Department of Biochemistry, Howard University, 1401 Third Street, NW, Washington, DC 20059. Applications received by 15 May 1994 will receive preference. Send résumé and three references to: Dr. Mark D. Franklin, Department of Biochemistry, Howard University, 1401 Third Street, NW, Washington, DC 20059.

Postdoctoral Fellowships at Harvard Medical School/Brigham and Women's Hospital

Available to study cellular behavior, mouse behavior, and gene expression in reproductive physiology. Apply by sending curriculum vitae, research interests, and names of three references to: Dr. Robert E. Klaff, Department of Biochemistry, Howard University, 1401 Third Street, NW, Washington, DC 20059.

Victoria University of Wellington

Postdoctoral Fellows

Applications are invited for Postdoctoral Fellowship in the following specific projects: Molecular and Immunological Mechanisms of Protein Interaction. Applicants must have Ph.D. in Biochemistry, Genetics, Medicine, or related area. Send curriculum vitae and names of two referees to: Dr. G. L. Head, Department of Biochemistry, Victoria University of Wellington, P.O. Box 600, Wellington, New Zealand.

University of Sydney

Postdoctoral Fellowships

Applications are invited for Postdoctoral Fellowship in the field of molecular biology. Applicants must have a Ph.D. in the relevant field. Send curriculum vitae and names of three referees to: Dr. J. A. G. Johnstone, Department of Biochemistry, University of Sydney, NSW 2006, Australia.

National Institutes of Health

Protein X-Ray Crystallographers

Several Postdoctoral positions are available for studies in protein crystallography. The work will focus on the structure and function of cytochrome c, and other molecules of relevance to immune function. Qualified candidates should send curriculum vitae including names and addresses of three references to: Dr. P. D. Sun, Ph.D., National Institutes of Health, Building 5, Room 332, 9000 Rockville Pike, Bethesda, MD 20892, phone 301-402-4497, fax 301-496-0201.
NFR invites applications for RESEARCH POSITIONS in

- Correlation of Precambrian crust in Europe and the North Atlantic region
- Isotope geology of the lithosphere based on ion-microprobe research. (This position will be at the Swedish Museum of Natural History)
- Molecular yeast research
- Organometallic chemistry with emphasis on new methodologies
- Polar glaciation history
- Solid ion conductors
- Space physics related to the EISCAT Svalbard radar

The positions will be at an appropriate research group within Sweden. Tenure will be for 3 years as from October 1, 1994 and may be prolonged for another three years. The salary range will correspond to that of an associate professor (SEK 245 000-330 000 per year). Applications should reach the Swedish Natural Science Research Council, Box 7142, S-10387 Stockholm, Sweden, by March 15, 1994. A curriculum vitae including a list of publications, a short research plan and, at most, 10 reprints of scientific papers should be appended in four copies to the application which should also be in quadruplicate. Further information can be obtained from Ms. Natalie Lunin at the Secretariat of NFR, phone no. +46 8 454 42 32, fax no. +46 8 454 42 50.

DEPARTMENT OF BOTANY AND MICROBIOLOGY FACULTY OF SCIENCE UNIVERSITY OF KUWAIT

Applications are invited for the post of Associate Professor or Assistant Professor tenable in September 1994, in the following disciplines:

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   2. Molecular Immunology
   3. Microbial Genetics - Molecular Genetics of eucaryotic microorganisms
   4. Plant Pathology

B. Botany
   1. Plant Structure and Anatomy
   2. Plant Physiology
   3. Plant Ecology - Ecology of higher plants in Arid zones
   4. Plant Propagation - with experience in cell and tissue culture

Qualifications: Ph.D. in the appropriate discipline as required.

Benefits: Attractive salary (tax free), with added benefits (furnished residence, air tickets for the family up to three children, mid-term and summer holidays).

Applications and conditions of service may be obtained from: Kuwait University, 3500 International Dr., N.W., Washington, D.C. 20008. Complete applications should be sent directly to:

The Chairman
Department of Botany & Microbiology
Faculty of Science
Kuwait University
FAX #965/484-7054

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The candidate should have professional or postdoctoral experience in virology or biochemical research and ex vivo techniques, as well as a general knowledge of Biochemistry.

Experience in molecular and cellular biology would be considered an advantage.

An ability to work independently as well as an ability to communicate and collaborate with other groups within the division is indispensable. A knowledge of French would be an advantage.

Please submit a CV, a photo and a handwritten letter to MEDIA SYSTEM, 6 impasse des Deux Cousins, 75849 Paris, Cedex 17, quoting ref. 47987 on the envelope.

Faculty Position in Aquatic Toxicology. The Department of Biology, Middle Tennessee State University, invites applications for a tenure-track position (#103330, Asst. Prof., Ph.D. required by first day of class) available August, 1994. Successful applicants must have a broad background in biology with speciality in aquatic basic toxicology. Teaching undergraduate and graduate courses, research/public service expected. Women and minorities are encouraged to apply. Application review begins 1 March 1994. Send application letter referencing position number, proof of eligibility for employment, transcripts, and three letters of reference to: Dr. Padgett Kelly, Committee Chair, Box X054, M.T.S.U., Murfreesboro, TN 37132.

Faculty Position in Anatomy and Physiology. The Department of Biology, Middle Tennessee State University, invites applications for a tenure-track position (#103320, Asst. Prof., Ph.D. required by first day of class) available August, 1994. Appropriate training to teach courses in anatomy and physiology, endocrinology, and embryology. Research/public service expected. Women and minorities are encouraged to apply. Application review begins 1 March 1994. Send application letter referencing position number, proof of eligibility for employment, transcripts, and three letters of reference to: Dr. M. Barnard, Committee Chair, Box X001, M.T.S.U., Murfreesboro, TN 37132.

Faculty Position in Evolutionary Ecology. The Department of Biology, Middle Tennessee State University, invites applications for a tenure-track position (#103340, Asst. Prof., Ph.D. required by first day of class) available August, 1994. Will teach courses in evolutionary ecology, general biology, and speciality. Research/public service expected. Women and minorities are encouraged to apply. Application review begins 1 March 1994. Send application letter referencing position number, proof of eligibility for employment, statement of teaching and research interests, transcripts, and three letters of reference to: Dr. Dennis Mullen, Committee Chair, Box 66, M.T.S.U., Murfreesboro, TN 37132.
POSITIONS OPEN

POSTDOCTORAL/RESEARCH ASSOCIATE position available for Ph.D. or M.D. at the Lady Davis Institute for Medical Research (affiliated with McGill University). Candidates must have an interest in the physiology or molecular biology of energy expenditure and temperature regulation. Please send curriculum vitae, references and letter of interest to: RA Search Committee, Department of Chemistry and Biochemistry, McGill University, 3600 University Street, Montreal, Quebec, H3A 2K6, CANADA.

RESEARCH ASSOCIATE to conduct site-directed mutagenesis of metalloproteins available immediately. Required: M.S./Ph.D. chemistry, biochemistry, or closely related field; experience in techniques of modern molecular biology; salary dependent on qualifications and experience. Appointment one year; renewal dependent on funding. Send application letter, resume, and two letters of reference to: RA Search Committee, Department of Chemistry and Biochemistry, McGill University, 3600 University Street, Montreal, Quebec, H3A 2K6, CANADA.

ECOLOGICAL TOXICOLOGIST The U.S. Environmental Protection Agency-Region 8 in Denver, Colorado, is presently looking for a highly qualified toxicologist with specific training in the area of terrestrial and avian ecology to serve as an advisor and technical advisor in avian and terrestrial toxicology program within the Superfund Program. An advanced degree (Ph.D. or D.V.M.), advanced training in toxicology, a working knowledge of EPA risk assessment guidance and/or considerable experience related to toxicology are desirable. The position will be filled at the GS 12/13 level; salary range $42,128 to $65,121 per annum depending on qualifications. Candidates must be U.S. citizens. An Equal Opportunity Employer. Inquiries and requests for the position description or government applications (SF-171 forms) should be directed to: Valerie Taylor, 999 18th Street, Suite 500, Denver, CO 80202. Telephone (303) 293-1499. Correctly completed applications will be accepted until March 1, 1994.

FIP Fuji ImmunoPharmaceuticals Corp.

PHARMACOLOGIST

Fuji ImmunoPharmaceuticals Corp. (FIP) is a rapidly growing pharmaceutical company based in Lexington, Massachusetts. FIP seeks an experienced pharmacologist to lead the company in pharmacokinetics and formulations. Candidates should have a Ph.D. in pharmacology or a related field, with 3 to 5 years of post-doctoral experience. For consideration, please send your curriculum vitae to: Fuji ImmunoPharmaceuticals Corp., 125 Hartwell Ave., Lexington, MA 02173. FIP is an Equal Opportunity Employer.

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Two research scientist positions to join a group of investigators exploring hormonal and age-dependent regulation of transcription factors. Ph.D. with experience in eukaryotic molecular biology is required. Stimulating academic environment, generous salary support, and excellent living conditions. Research will be under the direction of Arun K. Roy, Ph.D., Professor of Cellular and Structural Biology. Send curriculum vitae and name of three references to: The Office of Human Resources, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78228-7972.

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Pittsburgh Supercomputing Center (PSC) is offering a five-day training workshop in applying supercomputing resources to problems of concern in macromolecular sequence analysis. Prior supercomputing experience is not required. Funding by NCHGR provides several grants for travel expenses. $135 registration fee. Deadline for applications is 31 March 1994. Contact: Nancy Blankenstein, 412/268-4960 or blankenski@psc.edu.

The Second Bar Harbor, Maine Faculty Workshop, June 11-15, 1994

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Designed for college, graduate and professional school faculty, the workshop will focus on teaching methods such as the use of case studies and on research ethics topics including integrity and misconduct in scientific research, authorship and publication, human and animal experimentation, data management, intellectual property, and relationships between research sponsors and investigators and their institutions. Morning and evening sessions; afternoons free to explore Acadia National Park and Bar Harbor (and do homework). Registration fee, including meeting facilities and all meals at College of the Atlantic and workshop materials, is $350. Does not include lodging. Co-sponsored by the Acadia Institute, the University of Texas-Houston Program on Humanities and Technology in Health Care, and the Pacific Center for Ethics and Applied Biology. Space is limited. Contact: Judith P. Swazez, Ph.D., The Acadia Institute, 111 West Street, Bar Harbor, ME 04609-1429. Telephone/FAX: 207-288-4082.


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NEW ENGLAND BIOLABS

Molecular Biology
and Biotechnology

Summer Workshop

WHEN:
Session I: June 5-June 18, 1994
Session II: June 26-July 9, 1994
Session III: July 17-July 30, 1994

WHERE:
The Clark Science Center
Smith College
Northampton, MA

FACULTY:
Dr. Steven A. Williams
Dept. of Biological Sciences, Smith College, and Program in Molecular and Cellular Biology, University of Massachusetts

Dr. John R. McCarrey
Dept. of Genetics, Southwest Foundation for Biomedical Research

Dr. Barton Slatko
New England Biolabs, Inc.
DNA Sequencing Group

Dr. Kathleen Fearon
College of Veterinary Medicine
Auburn University

TO APPLY:
for this workshop, please submit a recent C.V. and a one page statement of motivation to:

Dr. Steven A. Williams
Dept. of Biological Sciences
Smith College
Northampton, MA 01063

We are pleased to announce the ninth annual New England Biolabs Molecular Biology and Biotechnology Summer Workshops held at The Clark Science Center, Smith College, Northampton, MA.

INTENSIVE BENCH EXPERIENCE: This intensive, two-week course emphasizes hands-on molecular biology laboratory work. About eight hours each day will be spent working at the bench. All of the work is hands-on; there are no demonstrations.

EXPERIMENTS WILL INCLUDE: Construction and screening of genomic and cDNA libraries, PCR, RNA-PCR, purification of DNA, restriction enzyme digestion, gel electrophoresis, construction of recombinant DNA molecules, cloning in plasmid and phage vectors, cloning strategies, bacterial transformation, Southern and Northern transfer and hybridization, radioactive and non-radioactive labeling of DNA, and DNA sequencing. All of these techniques are woven into a cohesive research project carried out by each participant during the two-week session. Lectures and discussion sessions (at least three hours each day) will deal with all of the above topics and how these methods are applied in molecular biology research.

INTENDED FOR BEGINNERS IN MOLECULAR BIOLOGY: No previous experience in molecular biology is required or expected. Forty participants per session will be selected from a variety of disciplines and academic backgrounds. Last year’s participants included principal investigators, directors of programs, postdoctoral fellows, graduate students, and research assistants. Their fields of research included biochemistry, medical physiology, immunology, microbiology, pharmacology, plant biology and others. They came from large universities, small colleges, medical schools, hospitals, industry, and private foundations.

FEE: $2700 per participant includes lab manual, use of all equipment and supplies, and room and board (all rooms are singles). Fee includes the use of the libraries and all campus athletic facilities including indoor and outdoor tennis courts, pool, weight room, track, etc.

APPLICATIONS MUST BE RECEIVED BY March 1, 1994. Notification of acceptance, wait-list, or rejection will be mailed by March 7, 1994. Payment in full will be due by April 15, 1994. Your application should include a C.V. and a one page statement explaining your motivation for taking the course. Please specify the session to which you are applying (I, II, III) and indicate if you wish to be considered for one of the other sessions as a second choice. Women and minorities are especially encouraged to apply. For additional information, please contact Dr. Steven A. Williams at (413) 584-3643. (508) 927-5054 TELEX 6817316

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