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For information about meeting registration, contact: Dr. Donald Nash, Executive Director, AAAS SWARM Division, Colorado State University, Biology Department, Fort Collins, CO 80523; Phone: (303) 491-5481.

For information about meeting registration, contact: Dr. Alan Leviton, Executive Director, AAAS Pacific Division, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118; Phone: (415) 752-1554.
POSITIONS OPEN

MICROBIOLOGIST

The Department of Biology at Central Michigan University, Mt. Pleasant, MI 48859 invites applications for a ten-month tenure-track faculty position in environmental or medical microbiology at the ASSISTANT PROFESSOR level to begin August 1994. Applicants must have a minimum of one year of postdoctoral research experience. The successful candidate will be expected to participate in undergraduate and graduate teaching in general microbiology and a specialty area, and to establish an active research program. Send curriculum vitae, statement of teaching interests and research objectives, 3 letters of recommendation, and telephone numbers of at least three references by April 1, 1994. Central Michigan University (Affirmative Action/Equal Opportunity) encourages diversity and reserves to provide equal opportunity regardless of race, sex, disability, or sexual orientation.

FACULTY POSITION IN PHARMACEUTICS

SUNY AT BUFFALO

We are seeking candidates for a tenure-track ASSISTANT PROFESSOR in basic pharmacuetics, drug delivery, drug analysis or drug metabolism. Ph.D. plus suitable postdoctoral experience required. The successful candidate is expected to establish an independent research program and participate in departmental instruction. Apply by May 15 with a curriculum vitae, three letters of reference, and a summary of research interests to: Dr. H.-L. Fung, Chair, Pharmaceutics, College of Pharmacy, SUNY AT Buffalo, 3350 Main Street, Buffalo, NY 14260. The Department is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

UNIVERSITY OF WISCONSIN–RIVER FALLS

TENURE-TRACK POSITION

BIOLGY DEPARTMENT-CELL/MOLECULAR

ASSISTANT PROFESSOR to teach undergraduate courses, including biology, cell biology and molecular biology and participation in interdisciplinary major in biotechnology. Active research and scholarly activities encouraged; teaching is primary mission of the University. Other responsibilities include student advising and committee work. Ph.D. in a relevant discipline, evidence of teaching potential required; experience in animal histology desired. To apply, send curriculum vitae, unofficial transcripts, 3 letters of recommendation, and telephone numbers of at least 3 references by April 15, 1994.

The Forestry Department at Northern Arizona University invites applications for a 9-month tenure-track ASSISTANT PROFESSOR position, to teach Conservation Biology and Forest Genetics and develop an externally funded research program. Applicants must have a Ph.D. with emphasis in CONSERVATION AND ECOCLOGICAL GENETICS OF FOREST VEGETATION, and experience in quanti-tative field methods and statistical analysis. Preference given to candidates with evidence of teaching ability, and a demonstrated experience in integrated team teaching. Applicants must have an undergraduate program featuring integrated team teaching, offer S's and Ph.D. degrees, and occupy a new well-equipped facility which also houses U.S. Forest Service research. Flagstaff is in a ponderosa pine forest and near life zones ranging from desert to alpine tundra. Please send statement of qualifications, résumé, 3 recommenda-tion letters, recent reprints, and transcripts to: Paul Beier, NAU Forestry, Flagstaff, AZ 86011–5018. Telephone: 602-523-5941. Equal Opportunity/Affirmative Action Employer.

ECOLOGIST

The Department of Biology invites applications for a tenure-track ASSISTANT PROFESSOR position in ecology. Applicants are invited to join an established research-oriented department with a long-standing record of strong extramural support. Candidates must be using modern techniques to study significant biological questions at the molecular level, preferably involving signal transduction, receptors or ion transporters. Applicants should have two or more years of relevant postdoctoral experience, and show superior promise for developing an independent, funded research program within an academic setting. The campus is located in a suburban area of Boston, a community offering a family-oriented living with many recreation-al, educational and cultural opportunities. Applicants should send curriculum vitae, names and addresses of at least three references, and a description of current and future research to: Howard C. Rosenberg, M.D., Ph.D., Chair, Faculty Search Committee, Department of Pharmacology and Physiology, State University of New York at Buffalo, Buffalo, NY 14214. Applications are accepted until the position is filled. EOE. Tenure-track position available August 1994.

The Biology Department at the University of Wisconsin–River Falls invites applications for a tenure-track ASSISTANT PROFESSOR position in Cell/Molecular Biology. The successful candidate will teach undergraduate courses in cell biology and molecular biology and contribute to the Cell/Molecular Biology major. Applicants are expected to teach at least one course in their specialty area each year. Candidates must have a Ph.D. in biology, cell biology, or molecular biology and be qualified to teach at the undergraduate level. The University of Wisconsin–River Falls is a comprehensive state university located in a vibrant and culturally diverse community. The successful candidate will be expected to develop and maintain an active, externally funded research program, and provide instruction in the field of Cell/Molecular Biology. Candidates should have a strong commitment to teaching and scholarship, and demonstrate the potential for excellence in teaching and research. Applicants are encouraged to submit a letter of interest, curriculum vitae, statement of research and teaching interests, and three letters of recommendation to: Dr. K. W. Johnson, Chair, Search Committee, Department of Biology, University of Wisconsin–River Falls, 501 College Drive, River Falls, WI 54022. Applications must be received by January 15, 1994.

The Biology Department at the University of Wisconsin–River Falls invites applications for a tenure-track ASSISTANT PROFESSOR position in Cell/Molecular Biology. The successful candidate will teach undergraduate courses in cell biology and molecular biology and contribute to the Cell/Molecular Biology major. Applicants are expected to teach at least one course in their specialty area each year. Candidates must have a Ph.D. in biology, cell biology, or molecular biology and be qualified to teach at the undergraduate level. The University of Wisconsin–River Falls is a comprehensive state university located in a vibrant and culturally diverse community. The successful candidate will be expected to develop and maintain an active, externally funded research program, and provide instruction in the field of Cell/Molecular Biology. Candidates should have a strong commitment to teaching and scholarship, and demonstrate the potential for excellence in teaching and research. Applicants are encouraged to submit a letter of interest, curriculum vitae, statement of research and teaching interests, and three letters of recommendation to: Dr. K. W. Johnson, Chair, Search Committee, Department of Biology, University of Wisconsin–River Falls, 501 College Drive, River Falls, WI 54022. Applications must be received by January 15, 1994.

HARVARD MEDICAL SCHOOL CENTER FOR BLOOD RESEARCH

ASSISTANT PROFESSOR

The Department of Pathology at Harvard Medical School and the Center for Blood Research are jointly seeking to fill an Assistant Professorship. The candidate is expected to work closely with a vigorous and independent research program. Laboratory space is in the newly constructed Warren Alpert Building on the main quadrangle at Harvard Medical School. This field of research is lymphoocyte development and differentiation, with particular emphasis on signal transduction and gene targeting in animal models. The position offers scientific independence and financial support and supportive environment. Applicants are encouraged to submit a letter of interest, curriculum vitae, statement of research and teaching interests, and three letters of recommendation to: Professor Timothy A. Springer, Search Committee Chair, Center for Blood Research, 6th Floor, 200 Longwood Avenue, Boston, MA 02115. Applicants interested in research involving human subjects must be certified by the Harvard Medical School Committee on the Use of Human Subjects in Research. Harvard Medical School is a non-discriminatory employer and encourages minority applicants to apply.

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Bristol-Myers Squibb Pharmaceutical Research Institute is currently accepting applications for fully-funded two-year, postdoctoral positions in the following disciplines:

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Department of Cardiovascular Drug Discovery/Molecular and Cellular Biology – Participate in a new research program directed toward the isolation and characterization of novel molecules intimately associated with normal cardiac function and cardiac disease states. Interested candidates should possess a strong, productive background in molecular biology (cDNA library construction, gene regulation, recombinant protein purification and mammalian cell expression). Investigations will focus on discovery and analysis of the structure, function and regulation of genes and gene products involved in the progression of cardiovascular disease. Please reply to: Dept. PRI-JW-0454.

Molecular Biology/Oncology Tumor Suppressor Genes/ Signal Transduction

Department of Molecular Genetics and Cell Biology – Study tumor suppressor genes and signal transduction mechanisms relevant to human cancers. Candidates should possess strong molecular biology experience, including recombinant DNA technology (cDNA cloning, DNA sequencing, etc.), and a background in mammalian cell gene expression. Research experience in protein purification or mammalian cell biology is also desirable. Please reply to: Dept. PRI-JW-0430

Macromolecular Crystallography

Department of Macromolecular Crystallography – Work independently and collaboratively in a group that includes senior scientists, postdoctoral fellows and research associates. You will participate in all levels of protein crystallography from crystallization to refinement and structure analysis. A Ph.D. in Biochemistry, Chemistry or related discipline and research experience in macromolecular crystallography is required. Please reply to: Dept. PRI-JW-0003.

Send curriculum vitae and the names of three references to: Human Resources Department, Bristol-Myers Squibb Pharmaceutical Research Institute, P.O. Box 40000, Princeton, NJ 08543-4000. Equal Opportunity Employer, M/F/D/V.

POSITIONS OPEN

PHARMACOLOGY/TOXICOLOGY; ASSISTANT PROFESSOR, tenure-track position beginning July 1, 1994. Ph.D. in Pharmacology/Toxicology required. A degree in pharmacy is desirable. Team teaching of biomedical science and graduate courses, student advising, and extramurally supported scholarly research is expected. Submit letter of intent, curriculum vitae, statement of research interests, names, addresses and telephone numbers of three references to: F. W. Fochtman, Ph.D., Chair, Search Committee, Department of Pharmacology/Toxicology, School of Pharmacy, Duquesne University, Pittsburgh, PA 15282.

WETLANDS ECOLOGIST: Tenure-earning ASSISTANT PROFESSORSHIP. Teaching responsibilities include a graduate core course in wetlands ecology, and other courses in appointee’s area of interest. The University of West Florida campus houses modern laboratory facilities and is located on a 1000-acre nature preserve. Various types of wetlands are found on or near the campus. While maintaining a reputation for teaching excellence, the biology faculty are active in research, and a strong research program will be expected and encouraged. Ph.D. required. Salary negotiable. Send curriculum vitae, statements of research and teaching interests, selected publications, and 3 letters of recommendation, by April 12, 1994, to: Dr. Paul Hamilton, Ecology & Evolutionary Biology, University of West Florida, Pensacola, FL 32514. UW is an Equal Opportunity Access/Affirmative Action Employer.


Worcester, Massachusetts

Applications are invited for two full-time tenure-track ASSISTANT PROFESSOR positions starting in September 1994. Requirements include a Ph.D., strong commitment to teaching and promise in research. Familiarity with liberal arts college education, teaching experience and/or postdoctoral training are desirable. We expect candidates to teach introductory courses, upper-level electives and help expand our undergraduate and graduate programs. Areas of specialty are: (1) Applied Microbiology and (2) Human Physiology (courses to be developed and taught include Pathophysiology, Kinesiology, Gross Anatomy, and Exercise Physiology). Letters of interest and curriculum vitae (both required before you receive our formal application packet and supplemental information) should be sent to: Director of Personnel, Worcester State College, 486 Chandler Street, Worcester, MA 01602. Deadline for applications is April 1, 1994, or until the positions are filled. Worcester State College is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

ASSISTANT PROFESSOR MICROBIOLOGY

The Department of Biological Sciences at the University of North Texas invites applications for a tenure-track faculty position in Microbiology at the Assistant Professor level. Candidates with a Ph.D. in microbiology and related postdoctoral experience are encouraged to apply. The successful candidate will participate as a member of the Microbiology Division within the Department and will be expected to establish an extramurally funded research program and participate in undergraduate and graduate microbiology instruction. Candidates able to apply molecular biology and biochemical methods to fundamental and applied problems in bacteriology, physical or ecology will be considered. Send curriculum vitae, a summary of research plans, relevant publications and the names of three references to: Dr. Daniel A. Kunz, Chair of the Search Committee, Department of Biological Sciences, University of North Texas, P.O. Box 5218, Denton, TX 76203. Applications will be accepted until April 15, 1994, or until the positions are filled. The University of North Texas is an Equal Opportunity/Affirmative Action Employer.
PO SITIONS O P E N

FACULTY POSITION in Neurosciences: The Cellular and Clinical Neurobiology (CCN) Ph.D. Training Program in the Department of Psychiatry invites applications from neuroscientists for tenure-track positions at the level of ASSISTANT, ASSOCIATE or FULL PROFESSOR. Candidates using molecular approaches for the study of ion channels are of particular interest although outstanding neuroscientists with other research interests are strongly encouraged to apply. The successful candidate will interface with scientific faculty in the CCN. Candidates will be expected to perform research that is strongly encouraged to perform research that is relevant to neurodegenerative and neurodevelopmental diseases. This is a unique opportunity to interact with a group of outstanding neuroscientists in a strong intellectual environment. The successful candidate will be provided a competitive salary and benefits commensurate with qualifications. Submit a letter of application, curriculum vitae, copies of representative publications, arrange for early arrival of all transcripts and three letters of recommendation to: Dr. C. E. Warkentin, Microbiology Search Committee, Department of Biological Sciences, Box 100, Kent State University, Kent, OH 44242. Kent State University is an Equal Opportunity/ Affirmative Action Employer.

BIOCHEMICAL ENGINEER/FERMENTATION SCIENTIST

Applicants sought: ASSISTANT PROFESSOR, tenure-track. Conduct research in winemaking/fermentation science, establish basic research program, teach in enology/biochemical engineering. Must have a Ph.D. in Chemical or Biochemical Engineering, an outstanding academic record, a commitment to high-quality undergraduate/graduate education, ability to develop research program of national recognition. Send curriculum vitae, publication list/reprints, teaching/research interest statements, graduate transcripts, name/address of 3 references by May 1, 1994, to: Roger Boulton, Search Committee Chair, Viticulture and Enology, University of California, Davis, CA 95616-8749. Telephone: (916) 752-0900/752-1717. Fax application unacceptable. University of California is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

Department of Molecular and Medical Genetics
Oregon Health Sciences University (OHSHU)
Portland, Oregon

Applications are invited for a tenure-track position at the ASSISTANT/ASSOCIATE PROFESSOR level. The Department seeks individuals who have demonstrated excellence in research. Preference will be given to candidates with interests in eukaryotic molecular, cellular or developmental genetics. Applicants should have an M.D. or Ph.D. degree and include curriculum vitae, a brief description of research accomplishments, a brief description of future research goals, and the names of three references. Please address applications to: R. Michael Linskay, Department of Molecular and Medical Genetics, L103, Oregon Health Sciences University, 3181 S.W. Sam Jackson Park Road, Portland, OR 97201-3098. OHSHU is an Equal Employment Opportunity/Affirmative Action Employer (UPAR #1636).

MICROBIOLOGY/IMMUNOLOGY: ASSISTANT PROFESSOR, tenure-track, beginning August 1994. The position is primarily teaching oriented; however, collaborative research in reproductive biology or aquatic ecology is anticipated. Duties include teaching courses in microbiology and immunology, and coordinating the Clinical Laboratory Sciences program. Other teaching responsibilities may be possible. The appointee is expected to establish a record of scholarly activity in the collaborative and/or pedagogical areas. Salary is dependent on qualifications and experience. Application deadline: April 11, 1994. Ph.D. required and postdoctoral experience preferred. Submit: a letter of application, curriculum vitae, copies of representative publications, arrange for early arrival of all transcripts and three letters of recommendation to: Dr. C. E. Warkentin, Microbiology Search Committee, Department of Biological Sciences, Box 100, Kent State University, Kent, OH 44242. Kent State University is an Equal Opportunity/ Affirmative Action Employer.

A pplied Biotechnology and High Throughput Screening

PhD Scientist

Our Applied Biotechnology group has an opening for a highly motivated scientist who shares a keen interest in the discovery of novel therapeutics. We are seeking an individual with experience in receptor/ligand interactions and a strong background in Biochemistry or Biomedical Pharmacology to play a key role in discovering novel pharmaceuticals in a variety of therapeutic areas. As a member of our Applied Biotechnology group, you will collaborate with researchers in specific disease areas to identify and validate novel therapeutic targets. Your responsibility will include assay development and the implementation of several high-throughput screens to identify novel lead structures from both natural products and synthetic file compounds. The scope of these activities requires that the successful applicant possess strong communication and interpersonal skills. Experience with assay development, high-throughput screening, or automation is desirable but not essential.

MS/BS Scientist

Our Applied Biotechnology group has an opening for a self-starting MS scientist (or BS with 1-3 years experience) with a background in Biochemistry or Cell Biology. The successful candidate will develop and perform high-throughput assays and report results to their supervisor and project team. Good organization, communication and interpersonal skills are necessary.

We offer competitive salaries and a full range of benefits including medical and dental insurance, paid holidays and vacations, educational assistance, savings and investment plan, pension plan, relocation assistance and more. Our R&D facility located in a southeastern Connecticut shore community, gives access to the well known academic and cultural centers of the Northeast and offers the attractions of a New England lifestyle.

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APPLICATIONS are invited for a tenured or tenure-track position in Organic Chemistry. Applicants should hold a Ph.D. and have a strong research record. The Department of Chemistry and Biochemistry at the University of Dayton is an Equal Employment Opportunity/Affirmative Action employer. Closing date: July 15, 1994. Send cover letter, curriculum vitae, list of publications, and three letters of reference to: Brian M. Panek, Chair, Search Committee, Department of Chemistry and Biochemistry, University of Dayton, Dayton, OH 45469-0067.

ORGANIC CHEMIST—The Chemistry Department of Wesleyan University invites applications for a tenured or tenure-track position in organic chemistry at the Assistant Professor level, effective September 1995 or possibly earlier. All areas of research will be considered, but preference will be given to candidates who best complement the research interests of the faculty. Salary and rank will be commensurate with qualifications. Wesleyan University is an Affirmative Action/Equal Opportunity Employer. Send letter of interest, curriculum vitae, and three letters of recommendation to: William B. flames, Chair, Compile Committee, Center for Environmental Studies, Wesleyan University, Middletown, CT 06457. Applications received by April 1, 1995, will receive full consideration.

PERFUSION TECHNOLOGY FACULTY POSITION

The Cardiovascular Perfusion Program in the School of Natural and Health Sciences at Miami University is seeking an Assistant/Associate Professor. Responsibilities include didactic instruction in Anesthesiology, Physiology, Pathophysiology, Perfusion Science, and Perfusion Practice. The successful candidate will possess a minimum of a Master's degree in Perfusion Science and 5 years of clinical perfusion experience. Applicants must have a current Ohio license as a perfusionist. Send letter of interest, resume and three references to: Dr. Richard Parks, Chair, Search Committee, Cardiovascular Perfusion Program, Miami University, Oxford, OH 45056.

OCEANOGRAPHER—The School of the Environment at Duke University invites applications for a tenure-track position at the rank of Assistant Professor in Oceanography with an emphasis in benthic boundary layer dynamics. Preference will be given to candidates interested in quantitative approaches to interdisciplinary problems. Applicants with backgrounds in physical, chemical, or biological oceanography are invited to consider this position. The school of the Environment at Duke University is an equal opportunity employer. Send curriculum vitae, a list of publications, a summary of research interests, and three letters of recommendation to: Dr. John Sprintall, Chair, Search Committee, School of the Environment, Duke University, Durham, NC 27708-0330. Duke University is an equal opportunity/affirmative action employer.
Senior Toxicologist

The Department of Pathology and Toxicology within 3M Pharmaceuticals is looking for a senior toxicologist with a minimum of five years of industrial experience, preferably in pharmaceuticals. Requires experience in supervising technical individuals in the conduct of toxicology studies for pharmaceuticals and medical devices. Previous hands-on experience as a study director on GLP studies and the preparation of documents for submission to FDA and worldwide regulatory agencies are required. Must have good interpersonal skills and good oral and written communication skills. Experience in dealing with contract laboratories preferable but not required.

This position will be responsible for supervising technical personnel in the conduct of in-house toxicology studies and will serve as the toxicology registration strategy for new chemical entities and medical devices and will interface with the FDA and other global health care regulatory agencies in the registration of new pharmaceuticals and devices. Board certification or willingness to pursue certification is necessary.

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Applications are invited for a position as Head of the Protein Sequencing/Synthesis Laboratory in the UIC Research Resources Center (50%) and tenured Associate/Full Professor in the Department of Biochemistry (50%). We seek faculty who will have a commitment to facilitating university research programs through management of a centralized protein chemistry laboratory and participation in service, training, administrative activities, and demonstrated commitment to equality of opportunity. Applicants are expected to have established expertise and an active, independent and externally funded research program in protein/peptide chemistry. Applicants should send a CV, statement of career interests, summary of current and future research plans and three letters of reference to: Protein Chemist Search Committee, O/D D. Debela, Search Coordinator, Office of the Vice Chancellor for Research (m/c 672), 310 AOB, 1737 W. Polk Street, University of Illinois at Chicago, Chicago, Illinois 60612. Application deadline: March 31, 1994. The University of Illinois is an Equal Opportunity/Affirmative Action Employer.

Process Cell Biology Scientist

A Cell Culture Scientist is needed to participate in the development of processes for the manufacture of therapeutic proteins by mammalian cell culture fermentation. This laboratory uses small scale systems to characterize the biology of production cell lines, and to optimize culture performance in defined media. The lab is the initial process development recipient of cell lines from discovery research, and develops media, as well as methods of culture and analysis that will integrate forward into the manufacturing environment. A BS/MS in cell biology, biochemistry or related area with 4-6 years relevant experience, or a recent PhD is required. Industrial experience is a plus. Please submit resume to:

Miles Inc., Human Resources, P.O. Box 1886, Berkeley, CA 94701. EOE/AA/D.

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Senior, Staff & Entry Levels

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Please forward your resume to: H.R. Manager, ChemRisk, Division of McLaren/Hart, 16755 Von Karman, Irvine, CA 92714. Equal Opportunity Employer, M/F/D/V.

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Lecturer
Faculty of Science
Division of Botany
and Zoology

(LEVEL B)
The Division of Botany and Zoology is seeking to fill a tenurable Lectureship in population biology and/or conservation biology. The successful applicant will be involved in developing, organizing and contributing to undergraduate units in ecology and conservation biology, supervision of honours and graduate students, and will be expected to develop a strong independent research program. Preference may be given to applicants who use demogentic rather than genetical approaches.

Contact: For further information about the position, please contact Professor A. Cockburn, telephone (61 6) 249 2966; fax (61 6) 249 5573;
Email Andrew.Cockburn@anu.edu.au.

Further particulars, which include the selection criteria, are available from the Secretary, telephone (61 6) 249 4566; fax (61 6) 249 0511.

Closing date: 31 March 1994.
Reference: FS 9.2.1
Salary: Lecturer $AUS$41,000-$AUS$45,000 p.a.

Applications addressing the selection criteria should be submitted in duplicate to the Secretary, The Australian National University, Canberra, ACT 0200, Australia, quoting reference number and including curriculum vitae, list of publications and names and addresses of at least three referees.

The University has a "no smoking" policy in all University buildings and vehicles.
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1994 Prize for Research and Studies of the Reparations of the Iraqi Invasion of Kuwait

The Kuwait Foundation for the Advancement of Sciences has institutionalized a prize for research and studies of the repercussions of the Iraqi Invasion of Kuwait, to recognize distinguished accomplishments in the Arts, Humanities and Sciences. The Foundation, in establishing this Prize, is fulfilling its objectives in encouraging scientists and researchers to participate in studies of the effects and repercussions of the Iraqi Invasion of Kuwait and its aftermath.

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2. The scientific research submitted must be innovative and distinctive in its ideas, of direct relevance to the State of Kuwait, and must represent a significant contribution to knowledge in the specific field of the Prize.
3. The scientific research submitted must be based substantially on original work undertaken and must be published (in the form of books or articles in the recognized scientific literature) during the period subsequent to the Iraqi Invasion of Kuwait.
4. The candidate should not have been awarded a prize for the submitted work by any other institution.
5. KFAS announces the Prizes and its conditions annually.
6. Nominations for these Prizes are accepted from individuals and academic and scientific centers worldwide. No nominations are accepted from political entities.
7. The results of KFAS decisions regarding the selection of winners are final and the works submitted for nominations will not be returned regardless of the outcome.
8. Nominations with five copies of the scientific research and any inquiry concerning the Prize should be addressed before 31/10/94 to:

The Director General
The Kuwait Foundation for the Advancement of Sciences
P.O. Box 25263 Safat 13113, Kuwait
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Written application marked “Biologist 1031” and names of three references, and details of previous research experience should be sent to Human Resources HCG.

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For further information:-
Dr Jenny Maclagan, William Harvey Research Conferences, The Medical College, Charterhouse Square, London EC1M 6BQ, UK
tel +44 71-982-6181; FAX +44 71-982-6084
The National Hellenic Research Foundation invites applications for the position of its General Director.

Candidates should have a Curriculum Vitae corresponding to a full Professor with extensive experience in the field(s) corresponding to one of its six institutes. Contracts are of three years duration, subject to three years renewal.

Submission of applications, a C.V. with publications (5 copies) and detailed information:

Ministry of Industry, Research & Technology
General Secretariat for Research & Technology
Technological Development & Supervision of Research Institute & Directorate
14-18 Mesogion Ave.
Athens 115 10
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ASSISTANT PROFESSOR
Department of Oceanography
University of British Columbia

The Department of Oceanography of the Faculty of Science invites applications for a tenure-track position in biological oceanography at the Assistant Professor level. Appointment may be considered at a higher rank for a candidate with exceptional qualifications. We will consider applicants in any area of biological oceanography, but we are especially interested in marine microbial ecology, the application of molecular techniques to biological oceanography, marine zooplankton ecology and applicants with an interest in interdisciplinary research. The successful candidate will hold a minor cross appointment in an appropriate Life Science Department, will have the opportunity to develop a strong research program, work with graduate students and teach at the graduate and undergraduate level. UBC welcomes all qualified applicants, especially women, Aboriginal people, visible minorities, and persons with disabilities. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

Subject to final budgetary approval the position is available from 1 July, 1994. The competition will remain open until the position is filled; screening of the applications will begin 15 April, 1994. Applications including a resume, a statement of research interests and the names of three referees (with fax/telephone numbers, if possible) should be sent to:

Dr. S. Pond
Department of Oceanography
University of British Columbia
Vancouver, B.C. CANADA V6T 2A4
Fax: (604) 822-6091 Tel: (604) 822-5940

NATIONAL HELLENIC RESEARCH FOUNDATION

The National Hellenic Research Foundation invites applications for the positions of Directors of its following six institutes:

- Theoretical and Physical Chemistry
- Biological Research and Biotechnology
- Organic and Pharmaceutical Chemistry
- Centre of Byzantine Research
- Centre for Neohellenic Research
- Research Centre for Greek and Roman Antiquite

Candidates should be scientists with a Curriculum Vitae corresponding to a full Professor. Contracts are of five years duration, subject to five years renewal.

Submission of applications, a C.V. with publications (5 copies) and detailed information:

Secretariat NHRF
48, Vas. Constantinou Ave.
Athens 116 35
Greece
Tel (01) 7224-969
Fax (01) 7246618

Closing date: 30 April 1994
THE ROCKEFELLER UNIVERSITY

CLINICAL SCHOLARS

The Clinical Research Center at The Rockefeller University is seeking M.D. or M.D./Ph.D.'s who wish to develop a commitment to patient-oriented research. The opportunity will be provided to work in one of 10 major laboratories now actively using the Hospital. Clinical Scholars will participate in current clinical research, develop independent clinical programs and acquire laboratory skills to enable development as independent investigators. The Hospital provides an unequalled opportunity for intensive clinical investigation, devoid of any clinical responsibilities other than those required for research subjects. Applications are now being considered from licensed physicians for appointments as early as July of this year from the postdoctoral through junior faculty levels.

Please send curriculum vitae and a letter describing clinical investigative interests to:

Jules Hirsch, M.D.
Physician-in-Chief
Rockefeller University Hospital
1230 York Avenue (Box 310)
New York, New York 10021-6399

The Rockefeller University is an equal opportunity employer and has an affirmative action program to increase the employment of women and members of protected groups at all job levels.

THE ROCKEFELLER UNIVERSITY

DIRECTOR
CENTER FOR ENERGY AND ENVIRONMENTAL EDUCATION

The University of Northern Iowa (UNI) invites nominations and applications for the position of Director of its Center for Energy and Environmental Education (CEE). The mission of the Center is to educate the public about environmental and energy issues throughout the biosphere. The Center is housed in a new, state-of-the-art building designed to accommodate and showcase multidisciplinary educational programs. The Director will be a visionary leader who is the chief administrative officer of the Center and reports to the Dean of the College of Natural Sciences (CNS). Applicants should hold an earned doctorate degree in a discipline related to the mission of the CEEE and qualify for a tenured or tenure track appointment in CNS. The candidate should have administrative experience managing multidisciplinary programs in an academic institution or public or private organization; success in obtaining grants; and a substantial record of publications. The directorship is a 9-month academic appointment. Internal support for summer salary will be provided for the first two years. Salary is commensurate with experience and qualifications. UNI values and is committed to environmental science and education programs. In addition to the CEEE, the university has established graduate and undergraduate environmental programs as well as research and educational initiatives related to environmental and energy issues. UNI is one of three Regent's Universities in Iowa and is located in the metropolitan area of Cedar Falls/Waterloo (pop. 110,000). Nominations should be as detailed as possible; applications must include a current resume, names and addresses of at least three references, and a statement of the applicants' special qualifications for, and interest in the position. Nominations and applications should be sent to: Ed Brown, Search Chair, Environmental Programs, 50 BRC The University of Northern Iowa, Cedar Falls, IA 50614-0181. The review of applications will begin April 15, 1994 and applications will be received until the position is filled. UNI encourages applications from minority persons, women, disabled persons and Vietnam era veterans. UNI IS AN EQUAL OPPORTUNITY EMPLOYER WITH A COMPREHENSIVE PLAN FOR AFFIRMATIVE ACTION.

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BIOLOGY DEPARTMENT
HIRAM COLLEGE

Hiram College, an independent liberal arts institution located in the Western Reserve of Northern Ohio, invites nominations and applications of the following positions in the Biology Department:

BIOLOGIST/BIO-ETHICIST

This position is classified as a one-year, non-tenure track position. This person will teach courses in Biology for the Non-Major, Introductory Botany (usually team-taught), and possibly Molecular/Cellular Biology. In addition to the 4 courses to be offered in the department, the individual will be expected to teach 2 courses dealing with some aspect of Bioethics. These two courses will be open to all students. The successful candidate will have a Ph.D. in the life sciences and a strong commitment to teaching at the undergraduate level.

ANIMAL PHYSIOLOGIST/VERTEBRATE BIOLOGIST

This position is a non-tenure track position in Animal Physiology and Vertebrate Biology. The successful candidate should have a commitment to teaching at the undergraduate level and to involving undergraduates in research. Interested parties should submit a curriculum vitae, statement of philosophy on teaching and research, and three letters of reference by March 11, 1994 to Dr. Matthew H. Hills, Biology Department, Hiram College, Hiram, OH 44234. Candidates may also E-Mail Laughnerw@hiram.edu.

Hiram College is an Equal Opportunity Employer. Women, minorities and persons with disabilities are encouraged to apply.

FACULTY POSITION
ASSOCIATE RESEARCHER

R4, Position No. 86076, School of Ocean, Earth Science and Technology, Hawaii Natural Energy Institute, full-time, extramural funds, to begin approximately May 1994. DUTIES: Performs research and manages research programs in energy conversion and utilization, and pollutant control. Specific topics include thermochemical conversion of biomass and other renewable feedstocks into transportation, fuels, electricity, and coproducts, and optimization of such processes; utilization of ocean thermal gradient for electricity and coproduct generation; control of pollutants from chemically-reacting systems; and global-warming mitigation strategies. Oversees design, procurement, and construction of pilot research facilities. Co-coordinates and performs experiments and theoretical analyses of advanced thermodynamic systems, transport phenomena, and chemical reactions. Participates in field testing and evaluation of prototype energy-conversion and emissions-control technologies. Instructs courses in thermodynamics, transport phenomena, and energy conversion; prepares research proposals for external funding; develops budgets and expenditure plans; and writes reports and journal publications. Supervises research team members and undergraduate students as needed. Performs other research, instructional and professional service tasks as required. MINIMUM QUALIFICATIONS: Ph.D. from an accredited college or university in mechanical engineering with emphasis on thermosciences, chemically-reacting systems, and fluid mechanics; formal graduate-level university training in those areas. Eight years of university or industrial experience conducting basic or applied research on energy conversion, pollutant control, and global warming mitigation strategies, focusing on multi-phase systems, culminating in project reports or peer-reviewed publications. Proven experience with federal funding agencies, generation of research proposals and management of research projects and teams. Teaching experience in thermoscience at the university level. Ability to plan and direct work for technical staff; good oral and written communication skills. Proven experience in design, fabrication and management of laboratory-scale experimental facilities; in development of optical and probe diagnostics and test electronics for experiments involving flow and chemical-reactions; and in modelling thermodynamic systems. Familiarity with industrial power-generating equipment and pollutant-control devices; extensive interaction with industry. MINIMUM MONTHLY SALARY: $5,652.00 per month. APPLICATION REQUIREMENTS: Send or fax (808) 956-2336: statement of research interest, curriculum vitae and three (3) letters of recommendations from work-related references to Personnel Officer, Hawaii Natural Energy Institute, 2540 Dole Street, Honolulu, Hawaii 96822. INQUIRIES: Dr. Charles Kinoshita, (808) 956-2343. Closing Date: March 28, 1994. The University of Hawaii is an Equal Opportunity/Affirmative Action Institution and encourages women, minorities, disabled and veterans to apply.

UNIVERSITY OF THE WEST INDIES
CAVE HILL CAMPUS

PROFESSORSHIP/SENIOR LECTURER IN TROPICAL HORTICULTURE, W.I., & DIRECTOR OF ANDROMEDA BOTANICAL GARDENS, BARBADOS. Applications are invited for the above joint post at the Cave Hill Campus of the University the West Indies, Barbados. The post has been established in the Department of Biology of the Faculty of Natural Sciences at the Cave Hill Campus, through the generosity of the Peter Moors Foundation, and applicants should have both the ability to organize practical and academic training in tropical ornamental horticulture as well as the practical horticultural skills necessary for the management of a Tropical Botanic Garden. The successful candidate will be expected to develop and manage research programmes in collaboration with the Department of Biology (Barbados) and the Faculty of Agriculture (Trinidad).

Salary: Professor in the range BDS$88,332-108,684 per annum.
Senior Lecturer: BDS$60,216 x 1956-71,952 x 2112-78,288 (Bar) x 2122 - 82,512. Up to five full economy class passages plus baggage allowance of US $1,800 on appointment and normal termination. Special allowance up to US $600 for shipment of academic books and teaching/research equipment on appointment. Unfurnished accommodation at 10% of basic salary or optional housing allowance of 20% of basic salary to staff making own housing arrangements. UWI contribution of equivalent of 10% Superannuation Scheme. Annual Study and Travel Grant for self, spouse and up to three children. Book Grant up to BDS$935 per annum. Detailed applications (three copies) giving full particulars of qualifications and experience, date of birth, marital status and addresses of three (3) referees should be sent as soon as possible to the Campus Registrar, University of the West Indies, P.O. Box 64, Bridgetown, Barbados. The University will send further particulars for this post to all applicants.

Pre- and Post-doctoral Opportunities
TRAINING PROGRAM IN NEUROSCIENCE AT MEHARRY MEDICAL COLLEGE

The Department of Physiology, Meharry Medical College in Nashville, Tennessee, has training opportunities available immediately through a National Institute of Mental Health funded training program in Neuroscience. The program focuses on the role of neurotransmitters and signal transduction mechanisms in mental health.

The Faculty
Research Interest
Mohit L. Bhattacharyya, Ph.D. Electrochemistry of cellular Ca++ homeostasis
John T. Clark, Ph.D. Behavioral neuro-endocrinology and hypertension
Steven M. Friedman, Ph.D. Regulation of synaptic transmission
Robert T. Matthews, Ph.D. Electrical properties of nucleus basalis neurons
Sukhbir S. Mokha, Ph.D. Opioid modulation of trigeminal pain mechanisms
Hubert K. Rucker, Ph.D. Plasticity of sensory processing in neocortex
Linda D. Sander, Ph.D. Brain-gut peptides and pituitary-adrenal function
James G. Townsel, Ph.D. Cholinergic synaptic neurochemistry

Postdoctoral applicants should respond by sending a letter outlining research interests and career goals accompanied by a curriculum vitae. Individuals seeking admission to the pre-doctoral program should request an application package using the address below:

Funding is restricted to U.S. Citizens and permanent residents. Women and members of underrepresented minority groups are especially encouraged to apply.

For further information, contact:
Dr. James G. Townsel or Dr. Hubert K. Rucker
ATTN: Neuroscience Training Program
Department of Physiology
Meharry Medical College
Nashville, TN 37208
Phone: 615-327-6248 Fax: 615-327-6655
President
Boyce Thompson Institute at Cornell University

Applications and nominations are invited for the position of President of Boyce Thompson Institute for Plant Research at Cornell University. Boyce Thompson Institute (BTI) is a non-profit, independent, privately endowed corporation conducting research on plants and associated organisms. The Institute is a modern facility located on the campus of Cornell University and is affiliated with the College of Agriculture and Life Sciences. BTI has an annual budget of $8 to $9 million and employs approximately 145 scientists and support staff, 70 at the Ph.D. level.

The President serves as chief executive officer and is responsible for formulation of Institute policy, evaluation of productivity of research programs, selection of scientific personnel, acquisition of financial support, overall operation of the Institute, interaction with Cornell University administration, and development and promotion of external relations. The President reports to the BTI Board of Directors.

Selection will be based upon experience, consistent with the goals of the Institute which span basic and applied research. Demonstrated scientific leadership, proven administrative ability, and success in recruiting research support and/or fund-raising are essential. Applicants should send curriculum vitae, bibliography and names of five professional people acquainted with the applicant's background to: Norman R. Scott, Vice President for Research and Advanced Studies, Chair of Search Committee, Cornell University, 314 Day Hall, Ithaca, NY 14853. Nominations should also be sent to Dr. Scott. All applications and nominations should be submitted as soon as possible. The Search Committee will begin reviewing applications June 1, 1994. Target starting date by July 1, 1995 to September 1, 1995. An Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

TAMPA BAY RESEARCH INSTITUTE LABORATORY DIRECTOR/PROFESSOR

Tampa Bay Research Institute of St. Petersburg, Florida, and Salem-Teikyo University of Salem, West Virginia, announce the development of a joint Graduate Program in Molecular Biology/Biotechnology. Currently, several senior positions as Laboratory Directors and at the Associate or Professor levels are considered.

The focus of the research will be in the study of human virus latency with emphasis using the molecular biological approach and antiviral therapy. Other areas of research interest include a signal transduction and oncogenes. Special consideration is being extended to those candidates with strong Transgenic Animal research interest. Tampa Bay Research Institute and Salem-Teikyo University are in the process of developing a modern Transgenic Animal research laboratory.

Salem-Teikyo University is in the process of establishing a Graduate Program in the field of Molecular Biology/Biotechnology, subject to approval of the North Central Association. Incumbents must have demonstrated communication skills and ability to teach at the graduate level.

Successful candidates will have their research programs located in Florida and may teach one course per year at Salem-Teikyo University. Joint appointments at the Tampa Bay Research Institute are expected for successful candidates.

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

Investigators will enjoy complete freedom to pursue their research goals. While junior candidates will be considered, individuals with ongoing, active programs are encouraged to apply.

Applicants should have a Ph.D. or equivalent. Interested individuals should send curriculum vitae, list of publications, a short statement of research achievements, and names and addresses of three referees to the chairman, search committee, Tampa Bay Research Inst 10900 Roosevelt Boulevard, St. Petersburg, FL 33716.

The Herman B. Wells Center for Pediatric Research at the Indiana University School of Medicine has postdoctoral positions available immediately. Major research programs focus on hematopoiesis, molecular endocrinology, cancer biology, gene therapy, and myeloid cell biology. The faculty include:

Wade Clapp, M.D. - Fetal liver hematopoiesis; hematopoietic stem cell ontogeny; gene therapy.
Mary Dinauer, M.D., Ph.D. - Biology of neutrophil function, inflammation, superside formation; gene replacement therapy for inherited white cell disorders.
Claire Doerschuk, M.D. - Study of lung inflammatory processes; adhesion and migration of leukocytes; effector functions of leukocytes at the inflammatory site.
David Emanuel, M.D. - Gene transfer; immunotherapy of viral infections.
Randy Hock, M.D., Ph.D. - Retroviral transfer of immunopotententiating genes into tumor cells to enhance host anti-tumor responses.
Mark B. Kelley, Ph.D. - Molecular neuroimmuno-endocrinology; DNA repair; analysis of human triplet repeat disease genes.
Wei-Hua Lee, Ph.D., M.D. - Developmental neuroendocrinology; role of insulin-like growth factor I in brain development and injury.
Ora Hirsch Pescovits, M.D. - Hormonal and molecular mechanisms in fetal growth and reproduction; placenta and testis growth hormone releasing hor- mone.
Scott Rikvées, M.D. - Molecular neurobiology of circadian pacemakers in brain; neural sites and mechanisms of adenosine action via G protein-coupled receptors.
Kent Robertson, M.D., Ph.D. - Role of retinoic acid receptors in myeloid and neuroblastoma cell differentiation.
David Skalnik, Ph.D. - Regulation of tissue-specific gene expression in myeloid cells; cloning of transcription factors; transgenic animal tumor models.
Carolyn Srivastava, Ph.D. - Regulation of gene expression during spermatoge- nesis; mutations affecting testicular development and function.
Terry Vik, M.D. - Regulation of protein kinases involved in hematopoietic growth factor signal transduction.
David Williams, M.D. - Hematopoietic stem cell biology; gene transfer technol- ogy.
Mervin Yoder, M.D. - Molecular regulation of murine embryonic yolk sac hematopoietic stem cell proliferation and differentiation.

Interested candidates should send a curriculum vitae, a brief description of research interests, an indication of which faculty member(s) are of interest, and the names of three references to Dr. David Williams, Herman B. Wells Center for Pediatric Research, Room 2600, Riley Hospital for Children, 702 Barnhill Dr., Indianapolis, IN 46202-5225.
Tenure-Track And Postdoctoral Opportunities.

Listed below are a few of the outstanding opportunities for conducting research that are now available at the National Institutes of Health.

--- Tenure-Track Position ---

Assistant Professor Equivalent
Molecular and Cell Biology of Hypertension
Harry R. Keiser, MD

Tenure-track position is available for candidates to develop an independent research program in the area of hypertension. Research support will include up to two postdoctoral fellows and technicians for up to six years. MD degree, board eligibility in Internal Medicine, and a minimum of three to four years postdoctoral training and experience in molecular biology and biochemistry are required. Hypertension-Endocrine Branch (OE-42), NHLBI, Building 10, Room 8C103.

--- Postdoctoral Positions ---

Antigen Processing and Presentation
Paul A. Roche, PhD

The molecular mechanisms regulating the processing of foreign antigens into peptides and their presentation to T lymphocytes are being studied using both wild-type and mutant antigen presenting cells. Current projects focus on accessory molecules involved in MHC glycoprotein transport and the characterization of the intracellular compartments involved in MHC glycoprotein-peptide binding. Experience in biochemistry, immunology, or cell biology is desirable. Experimental Immunology Branch (OE-42), NCI, Building 10, Room 4B17.

Endocrinology and Molecular Biology
James H. Segars, MD

The regulation of estrogen responsive genes involved in reproduction is being investigated using a variety of molecular biologic approaches. Present studies focus upon the role of the retinoid X receptor in estrogen responsive gene function. Future studies will seek to isolate specific factors contributing to estrogen responsive gene regulation. Applicants must have less than five years postdoctoral experience. Laboratory on the Molecular Mechanisms of Reproduction (OE-42), NICHD, Building 10, Room 10N262.

Molecular Mechanisms of DNA Repair, DNA Replication, and Toxin Action
Eric J. Ackerman, PhD

The molecular biology of vertebrate DNA repair is being investigated with particular emphasis on the role of single-stranded to double-stranded replication. Repair of damaged DNA substrates is studied both in injected Xenopus oocytes and efficient extracts. Additional projects involve elucidating the molecular mechanisms by which toxins disrupt cellular protein synthesis. Applicants must have less than five years postdoctoral experience. Office of the Director (OE-42), Division of Intramural Research, NIDDK, Building 5, Room 411.

--- Additional Postdoctoral Fellowship Opportunities ---

RNA Polymerase II
Mark A. Mortin, PhD

The structure and function of RNA polymerase II and related transcription factors are studied using a multidisciplinary approach including suppressor/enhancer genetics, molecular genetics, biochemistry, and molecular modeling. Applicants should have less than five years postdoctoral experience. Laboratory of Biochemistry (OE-42), NCI, Building 37, Room 4C19.

Transgenic Models
Jeffrey E. Green, MD

A biotechnology fellowship is available to provide training in applying basic molecular biology techniques to critical problems in clinical oncology. Transgenic models of prostate and breast cancers are being developed and studies are also focused on hormone response elements. Candidate must be a US Citizen or permanent resident. Laboratory of Molecular Oncology (OE-42), NCI-FRDC, P.O. Box B, Building 469, Room 237, Frederick, MD 21702-1201.

To Apply

If you hold a graduate doctoral degree (e.g., PhD, MD/PhD) or a professional degree (e.g., MD, DO, DDS, or DVM) accompanied by previous laboratory research experience, and would like to be considered for one of these positions, please send a cover letter, curriculum vitae, bibliography, and statement of research interests to the address listed with each position. In addition, please arrange to have letters of recommendation sent from three scientists who can provide an evaluation of your qualifications.
The Department of Human Genetics, Graduate School of Public Health, and the Department of Obstetrics, Gynecology and Reproductive Sciences, School of Medicine, are recruiting an Associate Professor/Professor with a research focus in developmental genetics or the molecular basis of neural crest development. The candidate will be responsible for the continued development of the newly created Mage-Womens Research Institute. Salary and rank will be commensurate with qualifications. The proposed start date is October 1, 1994. Applicants should send curriculum vitae by April 15, 1994 to:

W. Allen Hogge, M.D.
Department of Obstetrics, Gynecology and Reproductive Sciences
University of Pittsburgh School of Medicine
Mage-Womens Hospital
300 Halley Street
Pittsburgh, PA 15213-3180

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

CHAIRPERSON, DEPARTMENT OF PHARMACOLOGY
The Department of Pharmacology at the University of South Alabama, College of Medicine, invites applications and nominations for the position of Chairperson of the Department of Pharmacology. Significant facilities and resources are available to support the continued development of a high-quality research and teaching department. Prospective candidates must have a suitable Ph.D., M.D. degree, a record of outstanding research and leadership ability, and a commitment to medical and graduate education.

Interested candidates should submit current curriculum vitae, a brief description of their research interests, and the names and addresses of at least three references no later than April 15, 1994, to: Aubrey E. Taylor, Ph.D., Director, Search Committee for Pharmacology, Department of Pharmacology, Chair, University of South Alabama, College of Medicine, Department of Physiology, MSB 301B, Mobile, AL 36688-0041. Equal Opportunity Educational Institution.

ANATOMY AND CELL BIOLOGY
The Department of Anatomy and Cell Biology invites applications for a tenure-track position beginning July 1, 1994. Candidates should have a Ph.D., M.D. or equivalent degree, and have demonstrated ability to conduct independent research and attract extramural funding. The department is seeking a neurobiologist with a strong record of achievement in molecular and/or cellular neurobiology. Teaching duties will include gross anatomy and participation in the graduate curriculum. Rank and salary will be commensurate with qualifications. Applicants should submit curriculum vitae, a brief statement of research interests and accomplishments, and three references to: Dr. George D. Pappas, Search Committee, Department of Anatomy and Cell Biology, University of Illinois, College of Medicine at Chicago, 840 N. Wood Street (MC 512), Chicago, IL 60612–7308.

The University of Illinois is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities.

FACULTY POSITIONS—Astronomy, Biological Science, Chemistry, and Mathematics; Diablo Valley College, a community college in Northern California, has tenure-track positions open in astronomy, biological science, chemistry and mathematics. Applications are available from the Dean of Instruction, Diablo Valley College, 2500 Glendon Road, Concord, CA 94518 or by calling (510) 685-1230, extension 1929. Applications cannot be faxed and must be received by March 14, 1994. The Contra Costa Community College District is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION PARASITE IMMUNOLOGY/CELL BIOLOGY
A position is available beginning July 1994 to study the host-parasite relationship using in vitro systems and specific, experiential background in immunology or cell biology using molecular techniques is desired. The candidate should have either a Ph.D. or M.D. degree. Experience in immunology or cell biology is preferred.

Please send curriculum vitae and references to: Lloyd Kasper, M.D., Dartmouth Medical School, Hanover, NH 03755. Dartmouth is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION BIOMOLECULAR NMR SPECTROSCOPY
The Department of Chemistry at Purdue University invites applications for a postdoctoral position in biomolecular NMR spectroscopy. The position is available immediately. Applications are expected to have extensive experience in the application of multidimensional NMR spectroscopy to problems of biomolecular structure and/or function. Please send curriculum vitae and a list of references to: D. Klausner, Department of Chemistry, Purdue University, West Lafayette, IN 47907–1393. Purdue University is an Equal Opportunity/Affirmative Action Employer.

RESEARCH DIRECTOR/ WITH PHARMACIST
National Disease Research Interchange (NDRI) has a full-time position for a Research Director/Administrator to coordinate a research resource program of this non-profit organization. Requirements are: 1) a minimum of 5 years academic or pharmaceutical experience in writing proposals, familiarity with NIH and its procedures, excellent oral and organizational skills and computer knowledge. Ability to be a team player and high level of enthusiasm for organizational operations and development are critical. Send curriculum vitae to: Project Director, NDRI, 1880 IFK Boulevard, 6th floor, Philadelphia, PA 19103. Equal Opportunity Employer.

HLA DIRECTOR TRAINING PROGRAM
DCL Laboratory in Nashville, Tennessee, is offering a 1 to 2 year training program in HLA typing, Flow Cytometry, CyA testing and antithymocyte serum production. Applicants should have a B.S. or M.D. in Immunology and a special interest in Transplantation. Submit curriculum vitae and 3 letters of recommendation to: Deborah Crowe, Ph.D., DCL Laboratory, 1601 23rd Avenue South, Suite 700, Nashville, TN 37212.

POSTDOCTORAL POSITIONS IN molecular neurobiology at the VA and Harvard Medical School. Three-year funded positions to investigate gene expression and protein modification of two different receptor activation-specific peptides/polypeptide ground in primer development, RT-PCR, Northern blot, and in situ hybridization is desired. Salary $25,000 to $40,000 per year plus experience. Open to U.S. citizens or permanent residents. Send curriculum vitae to: Dr. Peter Shiromani, VA Medical Center, Research Program (151C), 940 Belmont Street, Brockton, MA 02401. Equal Opportunity Employer.

The University of Illinois, Section of Environmental and Occupational Medicine is seeking a junior faculty candidate with a Ph.D. in Biophysics, Bioengineering or Physiology (Neuroscience). Preferably one to three years of postdoctoral experience. Candidate will join a team that uses functional magnetic resonance imaging to investigate multiple aspects of neural and cellular physiology in the lungs. Please submit curriculum vitae and names of three references to: Dr. Terrence Brubacher, Department of Environmental and Occupational Medicine, University of Illinois, 1225 N. University Street, Champaign, IL 61820. The University of Illinois is an Affirmative Action/Equal Employment Opportunity Employer.

JUNIOR FACULTY
The Department of Chemistry at Purdue University invites applications for a tenure-track FELLOWSHIP position in biomolecular NMR spectroscopy. The successful applicant will assume a position of leadership in continuing the strong tradition of the Department in NMR spectroscopy. The present facilities include Varian 600 and 300 MHz instruments, Macintosh computers and spectrometers, a dedicated professional staff including several Ph.D.-level scientists and a highly regarded electronics and software laboratory. It is anticipated that the position will be filled at the Assistant or untenured Associate Professor level, at other levels will be considered. Applications must include a complete resume and detailed description of research interests. Applicants should arrange for three letters of recommendation to be sent. Applications should be received by May 1, 1994, but applications received after that date will be considered until the position is filled. Applications to: NMR Search Committee, Department of Chemistry, Purdue University, West Lafayette, IN 47907–1393. Purdue University is an Equal Opportunity/Affirmative Action Employer.

BIOLOGY INSTRUCTOR
The Biological and Health Sciences Division on the Foothill College campus invites applications for a full-time, permanent position to begin in September 1994. Foothill College is located between San Francisco and Los Angeles and is a 1,199-acre campus nestled in the Silicon Valley. Primary responsibilities include: microbiology, cell biology, human and general biology. Secondary duties may include: biology of human reproduction, evolutionary biology, biology of AIDS, and human genetics. M.A. in Biology or related field (or equivalent) required. Emphasis in cell or microbiology preferred. Applications and complete job descriptions can be obtained from: Employment Services, Foothill-De Anza Community College District, 12345 El Monte Road, Los Altos Hills, CA 94032. Ph.D./B.S. or Ph.D./B.A. preferred. Salary range $22,000 to $45,822 per year. Excellent benefits package. Send applications to: 12345 El Monte Road, Los Altos Hills, CA 94032.

POSTDOCTORAL POSITION DIVISION OF CARDIOLOGY
Division of Cardiology, Department of Pediatrics, University of Pennsylvania, and the Children's Hospital of Philadelphia. Postdoctoral Fellow will join ongoing studies investigating the cellular and molecular biology of early vertebrate heart development. Experience in cellular and molecular biological techniques required. Interested individuals should send curriculum vitae, names and contact information of three references to: Kerri L. Linask, Ph.D., Division of Cardiology, Department of Pediatrics, The Children's Hospital of Philadelphia, 34th & Civic Center Boulevard, Philadelphia, PA 19104–4399. Equal Opportunity Employer.

POSTDOCTORAL POSITION ScienCe
Science can publish YOUR LOGO with your one-column line classified ad. No extra fee is assessed; you will be billed at our regular rate for the number of lines the logo occupies. For details, see Classified Advertising: 202-326-6555.
EXCEPTIONAL CAREERS
IN OUR EXPANDING VIROLOGY DEPARTMENT
Wallingford, Connecticut

GROUP LEADER
Direct/coordinating the day-to-day efforts of Research Scientists in the area of Herpes or Hepatitis B viruses. This will include basic research studies to identify and evaluate targets for therapeutic intervention of human viruses and the design of high throughput screens for discovery of anti-viral agents. Requirements include a Ph.D. in Molecular Biology, Virology or Biochemistry and 8-10 years of postdoctoral experience. Please reply to: PRI-JW-407A.

RESEARCH INVESTIGATORS
Candidates should have a Ph.D. in Molecular Biology, Biochemistry or Virology and previous postdoctoral experience. Successful candidates are expected to conduct independent research studies to define unique viral targets for antiviral intervention, and collaborate with other research groups in the design and development of novel antiviral agents. Please reply to: PRI-HD-409A.

ASSOCIATE RESEARCH SCIENTISTS
Candidates should have BS/MS degree and previous experience working in a research laboratory. Prior training in the area of Molecular Biology, Biochemistry, Virology, or Hybridoma Generation is highly desirable. Please reply to: PRI-HD-405A.

HIV VIROLOGISTS
Requirements include a Ph.D./MS in Biology or related field and a minimum of 1 year of cell culture experience with HIV. Candidates should be able to work in the Biosafety Containment Laboratory. Experience in the isolation, preparation and characterization of HIV from cell culture and clinical samples, and hands-on familiarity with anti-HIV research are necessary. Please reply to: PRI-HD-402A.

HBV VIROLOGISTS
Requirements include a Ph.D./MS in Biology or related field, plus a minimum of 1 year research experience working with Hepatitis viruses. Candidates should have experience handling virus-infected cells coupled with Molecular Biology or Biochemistry expertise. Please reply to: PRI-HD-411A.

Bristol-Myers Squibb provides competitive salaries, participation in our comprehensive benefits program and continued opportunities for professional development.

Please forward your curriculum vitae (indicating dept. number) to: Human Resource Department, Bristol-Myers Squibb Pharmaceutical Research Institute, P.O. Box 4000, Princeton, NJ 08543-4000.

Equal Opportunity Employer, M/F/D/V.
VICE PRESIDENT FOR RESEARCH

Utah State University invites nominations and applications for the position of Vice President for Research.

RESPONSIBILITIES:
* Provide leadership for all members of the University community by promoting and developing funded research, coordinating university research policies and procedures, pursuing technology transfer and/or other private sector-related research activities, and encouraging and fostering an atmosphere and system that values all forms of scholarly activity
* Function effectively with the President, Provost, other Vice Presidents, and Deans as part of an integrated administrative team.

QUALIFICATIONS:
Required -- • An understanding of the role of research in a comprehensive Research University • A commitment to foster and sponsor research and creative activities among all academic disciplines • An ability to communicate effectively, both verbally and in writing, with a variety of groups ranging from lay persons to legislators and academic researchers • A demonstrated knowledge of the federal funding process and policies • Commitment to continue development of the USU Research Park • Commitment to develop an active program of technology transfer and other partnerships with the private sector • A demonstrated record of responsible fiscal management • Commitment to promote inter- and multidisciplinary research, including the development of thematic research teams • An understanding and endorsement of the land-grant tradition.
Desirable -- • Administrative experience in an academic environment • A terminal degree and personal experience in obtaining and implementing research programs, especially those that are federally funded • Experience interacting with a legislative body in federal or state government • Experience with a variety of research-related enterprises on a University campus, e.g., safety office, animal laboratory care facilities, human subjects committees, biohazards regulations and a research library.

INSTITUTION:
Utah State University was founded in 1888 as the land-grant institution within the public education system of Utah. The student body includes approximately 15,000 undergraduates and 3,000 graduate students from all 50 states and 80 foreign countries. There are 43 academic departments with 850 faculty in eight colleges (Agriculture, Business, Education, Engineering, Family Life, Humanities/Arts/Social Sciences, Natural Resources, and Science). Fortytwo and 96 master’s degree programs are offered. Nearly every college contains one or more specialized research centers. The University’s total extramural research support exceeds $90 million annually. The University, located in Logan, is situated in a beautiful mountain valley 80 miles north of Salt Lake City. The campus is noted for its physical beauty, friendly and intellectual atmosphere, and thriving research enterprise.

APPLICATION:
Interested applicants should submit a resume which provides: a full representation of qualifications; a letter detailing compatibility between their experience and this position; and names, addresses and phone numbers of five persons who may be contacted as references. Review of applications will begin 15 April 1994 and will continue until the position is filled. Submit nominations and applications to:

Dean James A. MacMahon, Chair
Vice President for Research
Search and Screening Committee
Utah State University, Logan, UT 84322-4400
Phone: (801) 750-2478, FAX: (801) 750-3378
E-Mail: SCIDO @CC.USU.EDU

After March 25 all prefixes are 797-xxxx

Utah State University is committed to enhancing multicultural and gender diversity and is sensitive to needs of dual-career couples. We are an AA/EEO employer and encourage applications from minorities, women and people with disabilities.

Sterling Winthrop Pharmaceuticals Research Division
A Division of Sterling Winthrop Inc.
A Subsidiary of Eastman Kodak Co.

RESEARCH INVESTIGATOR VASCULAR & BIOCHEMICAL PHARMACOLOGY

The selected candidate will work in a team oriented environment focused on laboratory support of on-going Discovery projects and experimental definition of new ion channel-related molecular targets.

Requirements include a Ph.D. degree and relevant post-doctoral experience although individuals with an MS in biology with 4-6 years related experience are encouraged to apply. Candidates should have expertise in ion channel biology with emphasis on cell types involved in immune function, inflammation, and/or bone metabolism (e.g. T-cells, monocytes/macrophages, osteoclasts). Familiarity with biological analysis of ion channels and technical competence in flux measurements, fluorescence techniques, and/or receptor biochemistry is desired.

At Sterling Winthrop, you’ll enjoy a highly competitive salary and a comprehensive and flexible benefits package. For confidential consideration, forward your resume and salary requirements to:

Human Resources
Position #05-94-AHM
Sterling Winthrop PRD
Mail Code 4295
1250 S. Collegeville Rd.
P.O. Box 5000
Collegeville, PA 19426-0900.

Equal Opportunity Employer, M/F/D/V.

Atlantic Cooperative Wildlife Ecology Research Network
Research Chairs in Applied Wildlife Ecology

The Atlantic Cooperative Wildlife Ecology Research Network, made up of Acadia University, Memorial University of Newfoundland and the University of New Brunswick, in partnership with the Canadian Wildlife Service supported by NFWF, invites applications for a director/senior chair (full professor) and two associate chairs (assistant/associate professor) to address fundamental and applied problems in wildlife ecology and conservation through multi-disciplinary research in marine, coastal and terrestrial ecosystems. Applicants for the senior chair should be well-established scientists who seek an opportunity to direct a world-class program, with distinguished records in university teaching, graduate student supervision, and applying research results to real-world problems. The location of the senior chair will be based on the qualifications of selected applicants. Applicants for associate chairs should have a demonstrated ability to develop innovative research programs, with experience in university teaching and graduate supervision. Successful candidates will teach selected courses, supervise graduate students, and direct research programs in the following fields:

Acadia University, Wolfville, N.S.: Application of theoretical conservation biology approaches to managing and conserving biological diversity, and developing conservation policy;
Memorial University, St. John’s, Nfld.: Using seabird distribution and ecology to interpret effects of oceanographic conditions, fishery activities and pollution on marine food webs;
University of New Brunswick, Fredericton, N.B.: Relationships among forest structure, forestry practices, and population levels and diversity of forest birds.

The closing date for all applications is 15 April 1994. Applicants should state the university of their choice, and address enquiries and submit a current curriculum vitae and arrange to have three letters of reference sent to:

Dr. R. D. Elliot, ACWERN Coordinator
Canadian Wildlife Service, Environment Canada
Box 1590
Sackville, New Brunswick
Canada E4A 3C9
Tel. (506) 364-5014
Fax. (506) 364-5062

All applications will be considered, but in accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents in the first instance. Member universities are equal opportunity employers.
The Skin Science Center at Unilever Research U.S. in Edgewater, NJ is the worldwide research center for the fastest growing sector of Unilever's $40 billion global consumer products business. Do your career plans include:

- Joining a Fortune 75 company renowned for the quality of its management development?
- Working at the cutting edge of scientific research?
- Operating in a truly global organization linked to a worldwide network of over 4000 scientists?

If they do, then consider these opportunities:

**SKIN BIOLOGY**

**Biochemist**

Participate in a research program focused on determining the activity and biochemical basis of specific epidermal and dermal modulators. A PhD with 0-2 years postdoctoral experience in Biochemistry or Cell Biology is required. Candidates should also be experienced in a wide variety of biochemical/analytical techniques while prior experience using cell and tissue culture is recommended; a broad knowledge of cellular metabolism, (photo)aging or signalling pathways is desirable. **Code BC1.**

**Cell Biologist**

Participate in a research program investigating cell-cell communication using *in vitro* culture models and *in vitro* systems. A PhD with 0-2 years' postdoctoral experience in Cell Biology or Biochemistry with cell culture experience and a publication record is required. Desirable requirements include an understanding of development biology, knowledge of the effects of UV damage and cutaneous wound repair, and experience utilizing techniques in Molecular Biology and 3-dimensional, multi-cellular culture systems. **Code CB2**

**Biochemist**

Assume direct responsibility for the analysis of a variety of stratum corneum/epidermal markers used to generate a greater understanding of skin problems and to examine the efficacy of a variety of actives treating such problems, as well as assist in the coordination of both in-house and external exploratory studies. A PhD in Biochemistry with 0-2 years' postdoctoral experience is required as well as experience in a variety of biochemical techniques, particularly chromatography, electrophoresis, enzyme assays, and immunochromatay. A broad knowledge of epidermal research and experience in the handling and analysis of epidermal samples would be desirable. **Code BC3**

**CLINICAL RESEARCH**

Sr. Research Scientist

**Instruments Development**

Direct programs addressing the measurement needs of the skin clinical research programs; provide input into the development of strategic programs and transfer of applied evaluation methods to the operating companies; and interface with the R&D programs as well as other groups working with human subjects (clinical, sensory, and consumer research).

Candidates must be familiar with the advances of skin measurement science being made in academia, government and other research facilities. A PhD in a Life Science, Biophysics, Biochemistry, or one of several areas of Measurement Science or Engineering (Bioengineering is particularly desirable) with a minimum of 3 years' relevant experience in applying a broad range of measurement tools to a biological substrate is also required. An MS with 6+ years of relevant experience may be acceptable. **Code RS4**

If you're ready to join us at the forefront of innovative skin research, we're prepared to offer you a very competitive salary and outstanding comprehensive benefits. For consideration, send your resume indicating position of interest and code on both your cover letter and envelope, to: Mr. Bruce E. Howell, Staffing & University Relations Coordinator, Unilever Research U.S., 45 River Road, Edgewater, NJ 07020. Equal Opportunity Employer.
POSITIONS OPEN

MARINE ECOLOGY: Duke University’s School of the Environment invites applications for a tenure-track FACULTY POSITION in Marine Ecology. The rank is open. Faculty will be located on Duke’s Marine Laboratory in Beaufort, North Carolina. An active research program and quantitative skills are expected. Preference will be given to individuals with experience working with DNA/RNA hybrids and/or nucleic acid triplexes. Send curriculum vitae and three letters of reference to: Dr. Donald M. Gray, Molecular and Cell Biology Program, MS FO 3.1, The University of Texas at Dallas, P.O. Box 830688, Richardson, TX 75083-0688. Applications will be accepted until the position is filled. UT-Dallas is an Equal Opportunity/Affirmative Action University.

POSITIONS OPEN

AN NIH-supported postdoctoral position is available at the Weiz Center for Research to study mechanisms regulating hormone-mediated calcium signaling in the laboratory of Dr. Richard B. Foulds, chairman of the department of Molecular Pharmacology and Physiology. The candidate will have a Ph.D. degree and experience with molecular and cell biology techniques. Applications are encouraged to apply. Minimum salary of $34,662. USDA, Agricultural Research Service is an Affirmative Action/Equal Opportunity Employer. Applications should be sent to Dr. Joshua Ford, U.S. Meat Animal Research Center, P.O. Box 166, Clay Center, NE 68933.

POSTDOCTORAL POSITION available immediately to investigate molecular mechanisms associated with hematopoietic toxicity induced by anti-AIDS drugs and HIV-infection of bone marrow cells. Experience in laboratory techniques of cell culture, virology and molecular biology is required. Send curriculum vitae and names of three references to: Dr. Krishna A. Agrawal, Professor of Pharmacology, Tulane University School of Medicine, 1430 Tulane Avenue, New Orleans, LA 70112. Tulane University School of Medicine is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH IN PATHOLOGY

A postdoctoral position is immediately available to study the pathogenesis of a Chlamydia trachomatis genital tract infection. The position is available immediately. Send curriculum vitae and names of three references to: Dr. J.R. Sowers (Endocrinology & Hypertension) to study cellular and hormonal mechanisms mediating gender differences in cardiovascular function. Research utilizes isolated vascular preparations, cell culture, patch clamp, and mRNA measurements. Candidates experienced in several of these techniques are encouraged to apply. Candidates interested in this research should apply for a position immediately. Send curriculum vitae and names of three references to: Dr. L. J. Sanford, Department of Physiology, Wayne State University, Detroit, MI 48201. Wayne State University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

Interscience study of postnatal system, both human and murine. Postdoctoral biology and psychology of the fetus, with emphasis on functions of macular pigment and effects of nutritional manipulation. Applicants are expected to have expertise in at least one relevant discipline (core techniques: anatomy, densitometry, psychophysics) and will receive training in others. Private medical insurance is available and can be used to back up an NRSA application. Exceptionally well-qualified individuals who do not meet NRSA restrictions can also be considered. Send curriculum vitae and names, addresses and telephone numbers of three references to: Dr. Max Snod- derly, Schepens Eye Research Institute, 20 Staniford Street, Boston, MA 02114.

A postdoctoral position in the Molecular and Cell Biology Program, MS FO 3.1., The University of Texas at Dallas, P.O. Box 830688, Richardson, TX 75083-0688. Applications will be accepted until the position is filled. UT-Dallas is an Equal Opportunity/Affirmative Action University.

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The Ohio State University College of Medicine, Department of Pediatrics, and its affiliated hospital and research institution, Children’s Hospital, are seeking outstanding candidates to provide leadership for a dual role as the Chair of the Department and Medical Director for the hospital. As Chair, this individual reports to the dean and will be responsible for developing and overseeing pediatric curriculum for medical students and other trainees, encouraging the development of new programs and establishing goals and objectives for both new and existing programs, providing academic and medical support and guidance for faculty and new and existing research interests and leading the faculty practice plan.

As Medical Director, this person will report to the Board of the hospital with the primary responsibility to provide medical leadership ensuring the highest quality of teaching, research and clinical care. This person will also be responsible for recruitment, hiring, administrative medical appointments, evaluation of physicians and providing medical direction within the context of healthcare reform.

Qualifications include an M.D. degree with a national reputation and demonstrated leadership experience in a successful academic pediatric program. A successful record of obtaining grant support is important to qualify for a senior faculty position. Successful candidate should have a strong record of accomplishment in teaching and research programs and a commitment to developing interdisciplinary, externally-funded research programs within the medical center. Knowledge of current trends in healthcare reform is critical.

Send nominations or letters of interest with CV to: Stephen A. Koff, M.D., Chairperson, Search Committee, Education Bldg., ED343, 700 Children’s Drive, Columbus, OH 43205-2696.

The Ohio State University and Columbus Children’s Hospital are Equal Opportunity/Affirmative Action Employers. Qualified women, minorities, Vietnam-era veterans, disabled veterans and individuals with disabilities are encouraged to apply.

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**THE FIFTH MEETING ON**

**THE MOLECULAR BASIS OF CANCER**

June 16-18, 1994

Hood College
Frederick, Maryland

1994 Meeting Organizers

Mark A. Israel, M.D.
Department of Neurological Surgery and Pediatrics
University of California, San Francisco

Tyler Jacks, Ph.D.
Center for Cancer Research
Massachusetts Institute of Technology

Now in its fifth year, this sister meeting to the Annual Oncogene Meeting, provides a forum for studies most closely linked to human cancer, including basic research approaches to understanding the cancer cell and tumor development as well as the more applied areas of diagnosis and therapy.

**Plenary Lecture - Gene Therapy in the Management of Cancer**
Albert Deisseroth, M.D.
MD Anderson Cancer Center

**Session III - Cell, Cell and Cell Matrix Interactions**
Richard Hynes, Ph.D.
Massachusetts Institute of Technology

**Session I - Gene Regulation and Cancer Cell Growth**
Edward Harlow, Ph.D.
Massachusetts General Hospital

**Session IV - Tumor Cell Proliferation and Apoptosis**
Craig Thompson, M.D.
University of Chicago

**Session II - Cancer Genetics**
Kenneth Kinzler, Ph.D.
The Johns Hopkins University

**Session V - Rational Approaches to Diagnosis and Therapy**
Frank McCormick, Ph.D.
Onyx Pharmaceuticals

You are invited to participate in a comprehensive exchange of research in a forum which encourages the young investigator to submit unpublished data for consideration by the organizers as podium or poster presentations. The deadline for abstract submittal is April 8, 1994; the deadline for registration is June 3, 1994. The registration fee (including meals and campus housing) is $550.00 US.

For information and registration materials, please contact Margaret L. Fanning, Conference Coordinator, FACS, P.O. Box 249, 12120 Main Street, Libertytown, Maryland 21762. Telephone 301-898-9266 • FAX 301-898-9173.
POSTDOCTORAL POSITION

POSTDOCTORAL POSITION

Position available in the laboratory of Dr. John Kruipinski at the Weis Center for Research in Danville, Pennsylvania. The successful applicant will have a Ph.D. in biology, biochemistry, or related fields with experience in molecular biology. The project will involve the expression and characterization of novel forms of adenylyl cyclase and the development of a tissue-specific "assembly facilitator" for interactions with membrane proteins. The program is supported by a grant from the National Institutes of Health and will involve the use of transgenic and transfection methods to study interactions in vivo.

POSTDOCTORAL POSITION

Available immediately to study the assembly pathway of cytochrome oxidase and the mechanisms involved in this process. The position is supported by a grant from the National Institute of General Medical Sciences. The applicant should have a Ph.D. in biochemistry or molecular biology and experience with yeast genetics. Applicants should send curriculum vitae and names of references to: Dr. Michael P. Hohmann, Fels Institute, Room 332, Temple University School of Medicine, 3307 North Broad Street, Philadelphia, PA 19147. Telephone: 717-266-8190. Fax: 717-266-8189. E-mail: mih@bio.tamu.edu.

POSTDOCTORAL POSITION

TO INVESTIGATE THE MEPHISTO MECHANICAL FORCE [See Trends Cell Biol. 3, 302 (1993)]. Experience in molecular biological approaches for characterizing gene expression, or related techniques, is required. Applicants must be Ph.D. candidates in the second year of their Ph.D. program. Send curriculum vitae and one letter of reference to: Dr. Paul L. McNeil, Department of Cellular Biology and Anatomy, Medical College of Georgia, Augusta, GA 30912. Telephone: 706-721-3065; FAX: 706-721-6839. MCG IS AN EQUAL OPPORTUNITY EMPLOYER. WOMEN, MINORITIES AND THE DISABLED ARE ENCOURAGED TO APPLY.

POSTDOCTORAL POSITION

Harvard Medical School
Massachusetts General Hospital

A POSTDOCTORAL FELLOWSHIP position is available for a bright and highly motivated Ph.D. or M.D. with experience in MOLECULAR BIOLOGY, MOLECULAR IMMUNOLOGY and/or GENETICS. The position involves joining an outstanding team of scientists studying the molecular and functional properties of genes involved in the immune response in humans. Prior experience and technical competence in transcription and translation assays, cDNA libraries, cloning, sequencing, and restriction mapping studies would be viewed favorably. Beautiful laboratories, an important scientific project and an appointment as a Assistant Resident in Medical School and House staff represent features of this position. Interested individuals should send curriculum vitae and two letters of reference to: Dr. Steven M. Levy, Ms. Sandra K. Pletcher, Administrative Assistant, Immunobiology Lab., Massachusetts General Hospital, Building 149, 13th Street, CYN-3, Charlestown, MA 02129.

POSTDOCTORAL POSITION

Available immediately to study the assembly pathway of cytochrome oxidase and the roles of genes. Studies will be performed with yeast and human cells. Candidates should have a Ph.D. in biochemistry, genetics, or molecular biology. Experience with yeast genetics and the assembly of the tumor suppressor gene product, adenylate cyclase, is essential. The position is supported by a grant from the National Institutes of Health. Send curriculum vitae and names of references to: Dr. Michael P. Hohmann, Fels Institute, Room 332, Temple University School of Medicine, 3307 North Broad Street, Philadelphia, PA 19147. Telephone: 717-266-8190. Fax: 717-266-8189. E-mail: mih@bio.tamu.edu.

POSTDOCTORAL POSITION

IN MOLECULAR IMMUNOLOGY to identify and characterize the cellular targets of a novel viral polyprotein that inhibits antigen presentation. Experience with molecular techniques required. Send curriculum vitae and list of three references and telephone numbers to: Dr. David Joseph, Room 4130, MC, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY 11724. Contact: Dr. Joseph at 516-747-4130.

POSTDOCTORAL POSITION

IN CYSTIC FIBROSIS RESEARCH CENTER U. CALIFORNIA—SAN FRANCISCO

Available now to study defective regulation of airway fluid content in cystic fibrosis. Work will involve measurement of ion and fluid transport by cultures of human airway epithelium, and other experimental approaches. Send curriculum vitae and three letters of reference to: Jonathan W. Vidal, Molecular Research Institute, Box 0130, University of California—San Francisco, San Francisco, CA 94143.

POSTDOCTORAL POSITION

PROGRAM FOR MECHANISMS OF INFECTION IN MUCOUS SURFACES

An immediate opportunity for an individual to participate in a research program focused on the interaction of bacterial and viral ligands with cellular receptors. Candidates should have a strong background in biochemistry, immunology, or a related field. The candidate should have experience in either protein purification, immunohistochemistry, virology, and/or bacterial cell culture, virus transcription, three references, and a one-page summary of research interests by April 1, 1994, to: Dr. David A. Fenfield, Department of Veterinary Science, P.O. Box 2175, South Dakota State University, Brookings, SD 57007-1396. Application Deadline: March 27, 1994. Equal Opportunity/Affirmative Action Employer. Ad: ADE-75.

POSTDOCTORAL FELLOWSHIPS in psychoneuroimmunology, neuroendocrinology, and neuroimmunology at the Ohio State University. An NIH-supported training grant for scientists (Ph.D. M.D./D.D.S., Ph.D. M.D.) to conduct research on communication among the nervous, endocrine, and immune systems is available July 1, 1994. Applicants must be U.S. citizens or permanent residents with Ph.D., M.D., or D.D.S. or M.D. degrees. Submit a letter stating your research interests along with curriculum vitae and the names of three references to: John F. Davids, Ph.D., Box 192 Postle Hall, 305 West 12th Avenue, The Ohio State University, Columbus, OH 43210. The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, veterans—veterans, disabled veterans and individuals with disabilities are encouraged to apply.

POSTDOCTORAL FELLOWSHIP

Position available to study growth regulation of the prostate. Cell or developmental biologists with experience in in situ hybridization will be preferred. Send curriculum vitae and representatives of fellowship area in growth factors are preferred. Senior- and junior-level sci- entists are encouraged to apply. Send curriculum vitae and three references to: Dr. Gerald R. Cunha, Department of Anatomy, University of California, San Francisco, CA 94143. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

A POSTDOCTORAL FELLOWSHIP position is available for a talented, hard-working scientist interested in developing new techniques for soybean transformation and regeneration. Requires minimum of a Ph.D. with experience in cloning and sequencing, preferably with plant material, demonstrated by publication in a major refereed journal. Familiarity with Ti plasmid-mediated transformation, techniques for analyzing gene expression is also expected. Proficiency in writing scientific articles and preparing concise and timely reports is intrinsic to the position. Send curriculum vitae and three letters of reference to: Dr. J. W. Hall, Jr., TeXon Genetics, P.O. Box 264, 3067 South 300 East, Salt Lake City, UT 84109. Telephone: 801-975-3200. Fax: 801-975-3201. MCG IS AN EQUAL OPPORTUNITY EMPLOYER. WOMEN, MINORITIES AND THE DISABLED ARE ENCOURAGED TO APPLY.

POSTDOCTORAL FELLOWSHIP

A POSTDOCTORAL FELLOWSHIP position is available for a highly motivated, experienced postdoctoral scientist interested in molecular mechanisms of cell-cell interactions in the immune response. The successful candidate should have a Ph.D. and experience with cell biology, protein chemistry, and signal transduction. Candidates should have demonstrated expertise in analyzing the role of signal transduction in macrophage function. A Ph.D. in immunology or related field is preferred. Send curriculum vitae and three letters of reference to: Dr. W. M. M. Fong, Department of Immunology, Mount Sinai School of Medicine, New York, NY 10029. Equal Opportunity Employer.

Fellowship in modern immunology. The position is supported by a grant from the National Institutes of Health. Required qualifications include: Ph.D. in biology, biochemistry, or molecular biology, and experience in molecular biology. The applicant should have strong background in experimental design and have demonstrated ability to work independently. Send curriculum vitae and two letters of reference to: Dr. Barbara A. Klein, National Institutes of Health, Building 10, Room 11A27, 9000 Rockville Pike, Bethesda, MD 20892. Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP

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An Outstanding Scientific Program That Integrates the Most Recent Findings in Basic and Clinical Cancer Research

85th Annual Meeting of the AMERICAN ASSOCIATION FOR CANCER RESEARCH
April 10-13, 1994 San Francisco, CA

SCIENTIFIC SESSIONS

Methods Workshop: Confocal Microscopy and Quantitative Image Analysis - James P. Slattery, Stephen J. Lukes, Curtis T. Thompson, D.R. Sandison

Methods Workshop: Quantitative Genotyping and Phenotyping Using Flow Cytometry and Fluorescence in Situ Hybridization - Freda J. Robison, Joe W. Gray, Steven Sherwood, Dan Pinkel


Sun. Morning April 10
G. H. A. Clowes Memorial Award Lecture - Mary-Claire King

Symposium: Advances in Environmental Carcinogenesis - Kenneth Olden, Paul Kleihues, J. Carl Barrett, Frederica Ferren, Curtis C. Harris

Symposium: Cellular Signaling - Joseph Schlessinger, Arthur Weiss, Axel Ullrich, Tony Hunter

Symposium: AIDS-related Malignancies - Amanda M. Levine, Samuel Broder, Barbara Enaoli, Susan E. Brown, Gianluca Gandano

Symposium: Solid Tumor Pathology and Therapeutic Approaches - Beverly A. Tschender, Peter H. Vasquez, Rakesh R. Jain, Chang W. Song, Robert Auerbach


Presidential Address - Margaret L. Kripke


Symposium: Hematological Malignancies: Biology and Therapy - Riccardo Della-Fera, A. Thomas Look, Michael Cleary, Pier-Giuseppe Pelosi, James Ihe

Symposium: New Approaches to Cancer Immunotherapy - Oliviero F. Franco, Giuseppe J. D'Olha, David A. Bird, Pradom R. Srivastava, Philip E. Thorpe, Robert Chestnut

Symposium: Retinoids and Cancer - Lorraine J. Gudas, Keiko Okano, Joseph F. Grillo, David R. Parkinson, Christine Chomienne

Symposium: Transcriptional Control of Cell Proliferation and Differentiation - Robert N. Eisenman, Inder M. Verma, Michael Levine, Helen Blau

Controversy Session: Fat and Breast Cancer: Can an Intervention Trial Resolve the Issue? - Lawrence N. Kloten, Ross C. Prentice, Walter C. Willett

American Cancer Society Award Lecture - Brian E. Henderson

Symposium: Programmed Cell Death - Stanley J. Korsmeyer, Ellen White, Yung Tang, Laurie Owen-Schaub Tyler Jacks


Symposium: Diet and Cancer: The Role of Protective Factors Walter C. Willett, John D. Potter, Geoffrey Howe, Michael B. Sporn, William J. Blot


Business Meeting

Symposium: Basic Science Approaches to Breast Cancer - Mina J. Bissell, Adrian L. Harris, Scamara A. Wuquaw, Helene S. Smith, Ray L. White

Symposium: Genetic Basis for Tumor Cell Sensitivity to Radiation - John B. Little, Albert J. Fornace, Jr., Barbara A. Osborne, Ehtish Moustachchi, Michael Chizman

Symposium: Intermediate Endpoints in Cancer Prevention - Gary J. Kelloff, Charles W. Boone, Michael Wargonsohn, Reuben Lipton, David Sabatini

Symposium: Pharmacogenetics: Role of Drug Metabolism Polymorphisms in Cancer Chemotherapy - Frank J. Gonzalez; William E. Evans, Richard Weinsteinblum, Robert B. Diomas, Mark J. Rosen

Controversy Session: Is Bone Marrow Transplantation Indicated for Adult Acute Leukemia in First Remission? - Clare D. Bloomfield, Thomas Buschner, Stephen J. Forman

Richard and Hinda Rosenthal Foundation Award Lecture - Mary E. Lopman


Symposium: Genomic Imprinting and Its Role in Cancer Andrew P. Feinberg, Ulla Francke, Carmen Sagripanza, M. Alim Swarni, Benjamin Tickle

Symposium: Novel Strategies in Chemical Prevention of Cancer Paul Talalay, Herman Adelberg, Brian Ketervarian, Stephen S. Huret, Thomas W. Land

Symposium: Mechanisms and Circumvention of Drug Resistance Burton A. Kamen, Mark Meuth, Grant R. Wilkinson, Stanton L. Gerison, Roger G. Dawson

C. P. Rhoads Memorial Award Lecture - Igor B. Ronninson

Symposium: Tumor Suppressor Genes and Cell Cycle Control Michael B. Kastan, David Brach, Ira Herskowitz, James M. Rich, Joan Chen


Bruce M. Cain Award Lecture - Mansukh C. Wani and Monroe E. Wall

Symposium: Integration of Cytokines and Radiation: Biological Basis and Preliminary Clinical Trials - Zei Faks, Ralph R. Weichselbaum, Joost J. Oppenheim, Timothy J. Kinsella, Randy L. Jirtle

Symposium: Cell Adhesion in Invasion and Metastasis - David A. Cheresh, Kenneth Yamada, Richard Assouan, Zena Werh, Ajit Varki

SESSIONS OF PROFFERED PAPERS

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Employment Register

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The Proceedings of the American Association for Cancer Research contains abstracts of all papers accepted for presentation by the Program Committee and abstracts of symposium presentations and special lectures. The Proceedings is received by all members with paid-up subscriptions to AARC journals, or it may be purchased at the time of registration for $35.

The Program of the Annual Meeting of the American Association for Cancer Research is included in the registration fee.

EMPLOYMENT REGISTER

Detailed listings of available positions and prospective candidates will be available for consultation during the Annual Meeting and will be published in the Proceedings and in three issues of the Association's journal Cancer Research. Interviews will be scheduled in San Francisco.

Displays by over 100 firms offering the most up-to-date products, services, and publications for both basic and clinical cancer researchers.

EXHIBIT SHOW

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For predoctoral students, postdoctoral fellows, or physicians in training in the U.S. and Canada from minority groups that have been traditionally underrepresented in cancer research.

WIR SESSIONS

Women in Cancer Research will organize several sessions during the meeting that will be of interest to all registrants.

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BS/MS with minimum 2 years practical lab experience in molecular and cell biology to assist in development of pharmaceuticals targeted at major signal transduction pathways. Work will involve a variety of molecular biological approaches in bacterial, yeast and mammalian tissue culture systems. Experience with basic protein analysis desirable. Excellent written and verbal skills required. Knowledge of Windows essential, familiarity with databases and Word 6 preferred. (Attn: RA SEARCH)

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The successful candidate will possess a D.V.M. with an M.Sc. or D.V.Sc. in Pathology. Responsibilities include interpretation of studies in animals to evaluate toxicity of potential new pharmaceutical, agrochemical and biotechnology products. The successful candidate will also participate in neurotoxicology, immunotoxicology, and biomaterial research as well as in a diagnostic pathology service offered to veterinarians.

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RESEARCH ASSOCIATES—STRUCTURAL BIOLOGY
The Center for Advanced Research in Biotechnology (CARB) has periodic openings for postdoctoral research associates with strong interests in protein structure and function. Qualified applicants working in the areas of macromolecular crystallography, high-field NMR spectroscopy, computational chemistry and modeling, structural immunology, protein folding, physical biochemistry, enzymology, and molecular biology are invited to apply.
CARB is a research center of the University of Maryland Biotechnology Institute and the National Institutes of Standards and Technology devoted to fundamental problems of macromolecular structure, function, and engineering. Interested candidates should submit curriculum vitae, brief narrative summary of research experience, and approximate date of availability to:
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Applications will be reviewed as positions become available in specific research areas.
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NEUROSCIENTIST/NEUROPATHOLOGIST:
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PLANT TAXONOMIST
Brooklyn Botanic Garden seeks a plant taxonomist to work on the New York Metropolitan Flora. Ph.D. in Plant Taxonomy, or equivalent experience required with demonstrated ability to write keys and descriptions. Preference given to candidates with knowledge of the plants in northeastern North America. Ability to work with others and a desire to write floras essential. Time available to pursue own research interests. Review begins 15 April 1994. Send résumé, statement of research interests, list of three references to: Director of Personnel, Brooklyn Botanic Garden, 1000 Washington Avenue, Brooklyn, NY 11225. Equal Opportunity Employer, M/F/V/E.


Open the door to your new career possibilities by reviewing the special section in the 11 March Women in Science issue. Inside, you’ll find information about exciting open positions from pharmaceutical and biotechnology companies as well as leading scientific and medical institutions. The key to a rewarding future is knowing when opportunity knocks. Every week SCIENCE gives you the chance to review intriguing open positions from all around the world in our weekly recruitment advertising section and in our special sections, such as Women in Science and Biotechnology/Pharmaceutical Careers. Unlock your career potential by reading SCIENCE. Sometimes opportunity knocks just once.
Applications and nominations are invited for the position of Chair, Department of Virology & Immunology, Southwest Foundation for Biomedical Research. The Department has 10 faculty level members with research programs focusing on hepatitis viruses, human and simian immunodeficiency viruses, and herpesviruses, and efforts in molecular biology, immunology and cell biology. Major strengths also include the utilization of nonhuman primate models for human infectious diseases, a strong postdoctoral training program and a close relationship with the University of Texas Health Science Center at San Antonio, including a role in graduate training. The successful candidate will be expected to maintain an active research program supported in part by extramural funding. In addition, the successful candidate will have a Ph.D. or M.D. degree, a strong administrative background, and ability to provide dynamic leadership. Applications should include a curriculum vitae, a list of grant support, a description of research interests and plans, and the names of three (3) references. Nominations should include a summary of the nominee’s research, administrative accomplishments, and other qualifications. Materials should be mailed to:

Dr. John L. VandeBerg
Chair, Virology & Immunology Search Committee
c/o Mike Moore, Personnel Manager (407-A)
Southwest Foundation for Biomedical Research
P.O. Box 28147, San Antonio, Texas 78228-0147

Chair, Department of Virology and Immunology

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The Space Telescope Science Institute (STScI) expects to have openings for astronomers. Excellence in research is the primary qualification for these positions. The level of the appointments will be determined by the experience and accomplishments of the successful applicants. ESA astronomers at STScI spend about 50% of their time in personal research and the remainder in support of the science mission of the Hubble Space Telescope. There is some latitude within this framework to tailor the functional component of the positions to the interests and expertise of the successful applicants.

STScI supports the research of its scientific staff through visitor, postdoctoral, and graduate-student programs. Several workshops and symposia are held each year at the Institute. Internal funds are available for computing and other equipment.

Candidates for these positions must be nationals of ESA member states and must have a PhD or equivalent degree in Astronomy, Physics, or Planetary Science and some postdoctoral experience. Candidates should send a curriculum vitae and bibliography, a brief statement of research and functional interests, and the names of four references to Dr. D. Macchetto, European Space Agency, Space Telescope Science Institute, 3700 San Martin Drive, Baltimore, Maryland 21218. Applications will be accepted until May 30, 1994. EEO/AA/M/F/D/N.

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The Dean is the chief executive officer of the Medical School and, as such, has overall responsibility for maintaining and improving the stature of the School and is accountable for the conduct and outcome of the School's programs and activities. The 23 departments in the Medical School report directly to the Dean, and the Dean reports to the Provost of the Health Sciences and participates with other deans in policy formation and strategic planning for the Health Sciences and the University. The Dean represents the Medical School within the University and to external constituencies, and provides leadership that will strengthen the School in fulfilling its missions of educational, research, public service and outreach.

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Essential qualifications include an M.D., Ph.D., M.D./Ph.D., or foreign equivalent; evidence of scholarly achievement, and the ability to successfully manage large organizations and administer programs in patient care and service, medical education and research. Candidates should have administrative and fiscal experience in medical affairs; demonstrable commitment to increased diversity; an understanding of the role and responsibilities of a land grant institution; and communication and interpersonal skills to create an organizational culture that promotes excellence and accountability. A management style of participatory leadership is highly desirable.

Nominations and/or applications should be forwarded by March 31, 1994 to:
Ashley Haase, M.D.
Chair, Search Committee
c/o Susan Jackson
Box 293 UMHC
420 Delaware Street, S.E.
Minneapolis, MN 55455

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ECOLOGIST: One-year sabbatical replacement teaching position beginning fall 1994 with a possibility of a second year. Teaching responsibilities include a non-major environmental science, population and environmental biology for majors, ecology, and upper-division elective of choice. Ph.D. and teaching experience required. Submit curriculum vitae, statement of teaching philosophy, transcripts, and three letters of reference by March 28, 1994, to: Dr. Eric Yensen, Chair, Biology Department, Albertson College of Idaho, Caldwell, ID 83605. Women and minorities are encouraged to apply.

ENVIRONMENTAL TOXICOLOGIST for Manufacturer in the Cincinnati area. Assist the company in the development and implementation of new methods for assessing the biodegradability and compostability of xenobiotic materials. Represent the company on technical working groups within industry to develop and implement compostability assessment strategies. Establish a technical review of current forestry practices in North America. Assist the company and industry working groups in external communication of forestry facts. Develop environmental safety assessments for company paper products, product ingredients and manufacturing process aids. Along with other company toxicologists, communicate environmental risk assessments within the company and externally to appropriate industry groups. Ph.D. in Soil Science required plus one year of experience in job offered or one year of experience as a pre- or postdoctoral researcher in soil microbiology, biochemistry and chemistry. One year of experience must involve development and use of methods to monitor plant-soil-microbe interactions; and, methods to evaluate toxicity in terrestrial ecosystems.

40 hours per week, 8:00 to 4:30. Salary $56,000 per year. Must have proof of legal authority to work indefinitely in the United States. Send resume in duplicate (no calls) to: J. Davies, J01230934, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216.

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ANNOUNCEMENTS

The Department of General Biology, School of Medicine, University of Liege, needs urgently deuterated standards—H4-TXB, and/or H4-2,3-dinor-TXB2 (less than 100 μg). If you can sell us these products, please contact Telephone: 32/41/56.25.69; Fax: 32/41/56.29.36. Address: Department of General Biology, University of Liege, Tower of Pathology (B25), Sart-Tilman, B-4000 Liege, Belgium.

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