POSITIONS OPEN

ASSISTANT PROFESSOR
Department of Zoology—UBC

Applications are invited for a tenure-track position at the Assistant Professor level in the Department of Zoology, University of British Columbia. Appointment may be considered at a higher rank for a senior woman with exceptional qualifications. Salary will be commensurate with education and experience.

The Department of Zoology currently comprises 36 faculty members, approximately 35 postdoctoral fellows and research associates, and 15 undergraduate students. Preference will be given to candidates with at least 2 years of postdoctoral experience and with demonstrated excellence in research that complements the present strengths in the department. Applicants must possess a strong background in evolutionary development with strong theoretical skills. Experience with molecular biological approaches to this discipline will be considered an additional asset. The appointee will be expected to develop a strong research program, and teach in appropriate undergraduate courses, including biostatistics. Starting date will be July 1, 1994. Appointment is subject to final budgetary approval.

Curriculum vitae, 3 letters of reference, and a brief outline of research interests should be submitted to: Dr. J. Phillips, Head, Department of Zoology, University of British Columbia, #3254-6270 University Boulevard, Vancouver, B.C. CANADA V6T 1Z4. FAX: (604) 822-2416. Closing date for application is June 1, 1993.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Applications from Canadian citizens will be welcomed in the event that all qualified candidates are non-Canadians.

UNIVERSITY OF COLORADO
HEALTH SCIENCES CENTER
SCHOOL OF PHARMACY

The Division of Pharmaceutical Sciences invites applications for a tenure-track position at the ASSISTANT PROFESSOR level. The applicant's postdoctoral research experience are required, a degree in pharmacy or experience in a pharmacy school setting is desirable but not essential. Candidates must demonstrate potential for developing independent, extramurally funded research that complements ongoing programs in molecular toxicology, pharmacology, or drug development.

The successful candidate will participate in teaching pharmacology in the professional degree program and will contribute to graduate-level courses in the Ph.D. program in Pharmaceutical Sciences or Toxicology. Applicants should submit a curriculum vitae, a brief description of research interests, reprints of three significant recent publications and a list of three references by March 1, 1993.

To: Dr. Robert F. Novak, Chairman, Search Committee, University of Colorado Health Sciences Center, School of Pharmacy, Campus Box C238, 4200 East 9th Avenue, Denver, CO 80262. The University of Colorado Health Sciences Center is an Equal Opportunity/Affirmative Action Employer.

MEDICINAL CHEMIST
AND DIRECTOR
Center for Drug Design and Development

The University of Toledo seeks a highly qualified senior scientist for a tenured faculty position at either the ASSOCIATE or FULL PROFESSOR level in the Department of Medicinal Chemistry. The person selected for the position will conduct a nationally visible and extramurally funded research program with an emphasis on chemistry and biology. Applicants do drug design, provide leadership to the Center for Drug Design and Development and teach undergraduate and graduate Pharmacy students. The essential qualifications for the individual are a Ph.D. or equivalent terminal degree in chemistry, medicinal chemistry or related area, a working knowledge of the pharmaceutical industry and an interest in and corresponding research interest. Applicants should submit a letter of interest, brief summary of research interests, current curriculum vitae, and candidates should have a Ph.D. in medicinal chemistry. Deadline for submission of applications will be March 15, 1993, and continue until the position is filled. The University of Toledo is an Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

CELL BIOLOGIST/MOLECULAR BIOLOGIST

The Institute of Chemical Toxicology (ICT), Wayne State University, is seeking to fill a tenure-track faculty position at the ASSOCIATE/FULL PROFESSOR level in the area of cell biology and/or eukaryotic molecular biology. Preference will be given to applicants interested in factors affecting cultured cell function, cytoskeletal characteristics, differentiation, regulation of gene expression, and also to those with experience in oncoproteins, transcription factors, growth factors, retroviruses, and the molecular pathology of toxic substances and carcinogens (e.g., DNA repair). The IST has 8 faculty actively engaged in research on regulation of gene expression, oncogene and tumor suppressor gene function, immunodetection and differentiation of epithelial cell function, and the molecular pathology of toxic substances. The ICT has established a transgenic animal facility. The Institute of Chemical Toxicology offers a research-intensive environment and faculty are expected to develop independent, extramurally funded research programs. Effective appointees will be eligible to receive research support facilities, and generous start-up funds are available. Candidates should have a Ph.D., M.D., or D.V.M. degree and a strong track record in research. Send curriculum vitae and a brief description of research interests to:

Dr. Raymond F. Novak
Chair, Department of Chemical Toxicology
Wayne State University
2727 Second Avenue, Room 4000
Detroit, MI 48201

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ASSISTANT PROFESSOR—GROSS ANATOMY

The Department of Anatomy of the Kirkville College of Osteopathic Medicine is seeking applications for a tenure-track assistant professor position. Applicants must hold a doctoral degree in a biomedical science. Previous teaching experience in gross anatomy and/or embryology is required. Successful candidates should have postdoctoral experience and must develop independent research program. Application materials (curriculum vitae, names of three references, and a description of research interests) are to be sent to: Dr. L. Towns, Ph.D., Department of Anatomy, Kirkville College of Osteopathic Medicine, Kirkville, MO 64766. Effective appointee date is July 1, 1993. Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR—Tenure-track—Neuroscientist

The Department of Biology at the University of Alabama (Morgantown) is seeking applicants for a tenure-track position at the assistant professor level. The position requires the teaching of developmental and/or neuroanatomy. Applicants should have a Ph.D. in neuroscience or a related field and a strong commitment to teaching and research. Applications should be sent to: Dr. C. Baker, Chairman, Search Committee, Department of Biology, University of Alabama, Morgantown, WV 26506-1596. Applications are encouraged from women and minorities.

ASSISTANT PROFESSOR, level, COMPARATIVE ANIMAL PHYSIOLOGY

Tenure-track position beginning fall semester 1993, contingent upon funding. Ph.D. or equivalent with commitment to both teaching and research. Vertebrate Physiology for both majors, Anatomy and Physiology for non-majors, participation in general biology and general education courses, advanced course in area of specialty supervision of undergraduate and M.S. research. Send statement of teaching and research interests, curriculum vitae, transcripts, and three letters of reference to: Dr. Lee Christianson, Chair, Department of Biological Sciences, University of the Pacific, Stockton, CA 95211. Women and minority candidates are encouraged to apply.
Research And Postdoctoral Opportunities In The Biomedical Sciences.

Listed below are a few of the excellent opportunities for conducting research that are now available with leading scientists at the National Institutes of Health.

Cell Biology and Biochemistry
Maria L. Dufau, MD, PhD
Position is available to conduct and supervise research on the actions of neuropeptide hormones and amines on testis function. Applicants must have at least four years of postdoctoral training and experience in techniques of cell biology and biochemical endocrinology. These should include tests cell culture, peptide and receptor characterization, radioimmunoassays and bioassays for peptide hormones, HPLC analysis, and evaluation of signal transduction and steroidogenic pathways. Experience with evaluation of peptide releasing factors and neurotransmitters and their receptors and actions in the testis is also required. Endocrinology and Reproduction Research Branch (OE-26), NICHD, Building 10, Room B1L400.

Cell Cycle Control and Carcinogenesis
Richard S. Paules, PhD
Signal transduction mechanisms regulating the progression of mammalian cells through the cell cycle, and how these control mechanisms are altered in neoplastically transformed cells, are being investigated. Studies focus on alterations in cell cycle checkpoint controls induced by oncogene and mutated tumor suppressor gene products and by exposure to selected environmental agents. Candidates should have experience in molecular biology, cell biology, or biochemistry and less than five years of postdoctoral experience. Laboratory of Environmental Carcinogenesis and Mutagenesis (OE-26), NIEHS, P.O. Box 12233, MD E4-02, Research Triangle Park, NC 27709-2233.

Drug-DNA Interactions
Miriam C. Poirier, PhD
A clinically-relevant research project is investigating the interactions between DNA and platinum chemotherapeutic agents. DNA adduct formation is being monitored in cancer patients receiving platinum-drug therapy using experimental approaches which include biochemistry, immunooassays, immunohistochemistry, and basic molecular biology. Applicants must be US citizens or permanent residents to be eligible for this Biotechnology Fellowship. Laboratory of Cellular Carcinogenesis and Tumor Promotion (OE-26), NCI, Building 37, Room 3B25.

Environmental Carcinogenesis and Mutagenesis
Raymond W. Tennent, PhD
Biological and molecular aspects of cancer induction in transgenic mice and cell culture models are studied to develop an integrative picture of the origins and development of spontaneous tumors and tumors induced by environmental agents. Candidates should have experience in molecular biology, genetics, biochemistry or a related field and five or fewer years of postdoctoral experience. Laboratory of Environmental Carcinogenesis and Mutagenesis (OE-26), NIEHS, P.O. Box 12233, MD E4-02, Research Triangle Park, NC 27709-2233.

Neuroendocrinology and Neuroimmunology
Eva Mezey, MD, PhD
Two positions are available to study the regulation of immune function in the gastrointestinal system by the CNS and the role of CNS catecholamines in stress. Experience in neuroanatomy and neuroanatomical techniques, molecular biological techniques, as well hybridization, histochemistry, experimental surgical techniques, and basic immunology is preferred. Candidates must have five or fewer years of postdoctoral experience. Clinical Neuroscience Branch (OE-26), NINDS, Building 36, Room 3A17.

Prion Protein and Neurodegenerative Disease
Byron Caughey, PhD
Scrapie-associated prion protein accumulation is being developed as a model of neurodegenerative amyloidosis in order to explore therapeutic strategies for treating transmissible spongiform encephalopathies (TSE) and other amyloidoses such as Alzheimer's disease. Current research focuses on prion protein biosynthesis and the mechanism of action of recently identified inhibitors of amyloidogenic prion protein accumulation in a cell culture system. Experience in protein biochemistry, ligand binding studies, intracellular membrane trafficking, conformational analysis, glycosaminoglycans, or the TSE field is preferred. Laborotory of Persistent Viral Diseases (OE-26), NIAID, Rocky Mountain Laboratories, Hamilton, MT 59840.

Additional Postdoctoral Fellowship Opportunities
For an on-line listing of additional postdoctoral openings you may access the NIH EDNET Bulletin Board's POSTDOC conference via modem (1,3014922221 or 1,8003582221). The settings for modem access are "7,Even,1". When connected to NIH, type in ".vt100" at the connect message, "F5E" at initial, and "AJL" at account.

A catalog describing NIH research opportunities may be accessed via the network-based (Internet) Gopher Information System. Configure your software to point to "gopher.nih.gov" and port "70" to access NIH Gopher and then choose NIH Information to reveal the NIH Office of Education directory. Those interested in receiving information on other postdoctoral opportunities, clinical training opportunities, or accessing Gopher may contact the Office of Education, Building 10, Room 1C129. Phone: 301-496-2427.

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.
COMPARATIVE ANATOMIST

ASSISTANT PROFESSORS OF BIOLOGY
The Department of Biology seeks applications for two tenure-track positions beginning September 1, 1993. Primary teaching responsibility will be in the area of organismal zoology for one position, and microbiology for the other. In addition, each person will be encouraged to offer advanced courses in area of expertise, develop undergraduate and graduate research programs involving graduate and undergraduate students. Active pursuit of grants will also be expected. A Ph.D. degree and two years of post-doctoral experience are preferred. Send curriculum vitae, a statement of teaching and research interests, selected reprints, and three letters of recommendation by February 20, 1993 to: Search Committee, Department of Biology, Iowa State University, Ames, Iowa 50011-2250.

ASSISTANT PROFESSOR OF PHARMACEUTICS
The Department of Pharmaceutics of the Philadelphia College of Pharmacy and Science invites applications for a tenure-track position at the Assistant Professor level. Applications should be addressed to: Search Committee, Department of Pharmaceutics, Philadelphia College of Pharmacy and Science, Philadelphia, PA 19104-4498. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS
UNIVERSITY OF MONTREAL
MAISONNEUVE-ROSEMONT HOSPITAL
Candidates qualified at the level of ASSISTANT PROFESSOR, Candidates with Ph.D. degree, and equivalent, will be considered. Three years of postdoctoral fellowship in the area of nephrology (sodium transport) or renin-angiotensin system (RAS) is required. Applicants with a solid background in molecular biology and in the regulation of gene expression will be given priority. Responsibilities of this position include development of an active, independent research program and participation in the graduate training program. Applicants are expected to develop an independent, reputable, and externally fundable research program. Start date is negotiable. Applications should be submitted by February 1, 1993 to: Chair, Search Committee, Department of Pharmaceutics, University of Montreal, 3755 Côte de Liesse, Montreal, Quebec, Canada H3H 1P3. (In accordance with Canadian Immigration regulations, priority will be given to Canadian citizens and permanent residents of Canada.)

TWO FACULTY VACANCIES
IN BIOLOGY
SOUTHWEST TEXAS STATE UNIVERSITY
The Department of Biology, Southwest Texas State University (SWT), seeks applications for two tenure-track ASSISTANT PROFESSOR-level positions available 1 September 1993. Applicants must have a Ph.D. and a strong commitment to and postdoctoral experience is desired. The successful candidates are expected to develop undergraduate and graduate courses in their area of specialty and to teach and advise undergraduate and Master's-level students. (1) Population Biologist with a strong background in animal behavior, ecology and evolution. Experience in conservation biology or trophic interactions will be of particular interest. (2) Microbiologist with a background in bacteriology and medical microbiology. Applicants will teach one undergraduate course in general microbiology and develop a graduate upper division course in area of expertise. Applicants should send curriculum vitae, a statement of teaching and research interests, and three letters of reference. Screening begins February 1993 and continue until suitable candidates are hired. Inquiries and applications should be addressed to: Search Committee, Department of Biology, Southwest Texas State University, San Marcos, TX 78666. Telephone: (512) 245-2178, FAX: (512) 245-2169.

ASSISTANT PROFESSOR PHARMACOLOGY
The University of Illinois College of Medicine at Rockford has an available tenure-track position in the Department of Biopharmaceutics and Pharmacology for an ASSISTANT PROFESSOR OF PHARMACOLOGY. The emphasis will be in excellence in research. The specific research area to be developed will be consistent with the candidate’s interests and should develop an independent, reputable, and externally fundable research program. Start date is negotiable. Applications should be submitted by February 1, 1993 to: Chair, Search Committee, Department of Biopharmaceutics and Pharmacology, University of Illinois College of Medicine at Rockford, 1601 Parkview Avenue, Rockford, IL 61107-1897. Applications will be reviewed and continue until the position is filled. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

ECOLOGIST
The Department of Biology at The College of Idaho offers a biology minor and a two-year, 24 credit-hour Associate of Arts and Sciences: Biology degree. The College seeks an accomplished and enthusiastic educator and researcher to teach courses in introductory biology and environmental science, with an emphasis on marine and freshwater systems. The successful candidate will be responsible for developing a exciting and multi-disciplinary program in environmental biology. The minimum qualifications are an M.S. (Ph.D. preferred) in biology or related field. Applicants must have demonstrated success in teaching and program development. Start date: September 1993. Send letter of application and three letters of recommendation to: Dr. Tom Larson, Chair, Department of Biology, The College of Idaho, Caldwell, ID 83605. The College of Idaho is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSISTANT PROFESSOR
The Department of Neurosurgery at the University of Utah is seeking for the position of Neurosurgical Engineering Laboratory at the Research Assistant Professor level. Letters expressing interest along with curriculum vitae should be submitted to: M. Peter Heilbrun, M.D., Professor and Chair, Department of Neurosurgery, 50 North Medical Drive, Salt Lake City, UT 84132. Deadline for receipt of applications is March 15, 1993. The University of Utah is an Affirmative Action/Equal Opportunity Employer.
Reprinted from the 24 April issue of SCIENCE, this 22-page special section takes an in-depth look at the changes taking place in the European scientific community.

Special news reports discuss changes and developments in European molecular biology, neurobiology, astronomy and high energy physics, as well as an assessment of European scientific productivity. In addition, eight leading figures in the scientific community, including Sir Walter Bodmer, Carlo Rubbia, and Lennart Phillipson present their views on where science in Europe is headed.

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Abbott provides an excellent salary and benefits package including profit sharing and a stock retirement plan. We are located in an attractive suburban area, approximately 30 miles north of Chicago. For confidential consideration, please send a resume and salary history to: Ann Ribbens, Corporate Staffing, Job# 1913M, Abbott Laboratories, One Abbott Park Rd., Abbott Park, IL 60064. Abbott is an Affirmative Action Employer/Smoke-Free Environment.

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MILES
Pharmaceutical Division

The Miles Research Center (MRC) is an expanding pharmaceutical research facility located in a campus-like setting near Long Island Sound in Southern Connecticut. The newly created Institute for Metabolic Disorders focuses on Type II diabetes and obesity, with the long term goal of developing novel therapeutics.

POSTDOCTORAL FELLOWSHIPS

Two postdoctoral positions are available in the signal transduction group. The fellows will conduct basic research on novel protein tyrosine phosphatases and on G-linked hormone receptors. The studies may include cloning, expression, site-directed mutagenesis and protein analysis of signal transduction proteins, with opportunity to do transgenic and gene knockout experiments. The postdocs will be offered a stimulating intellectual environment, access to state-of-the-art methods and instruments, highly competitive compensation, and training to prepare for an academic or industrial career.

For immediate and confidential consideration, please send your resume to: Dept. AAMD/POST, Miles Inc., 400 Morgan Lane, West Haven, CT 06516.

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A POSTDOCTORAL POSITION in IMMUNOLOGY is available for a person with training in cellular and/or molecular immunology to study basic immunology and the immune response to infections. Future appointment to staff is possible depending on performance.

THE TRUDEAU INSTITUTE is a not-for-profit, basic research institute with modern facilities, up-to-date equipment, in-house animal production and an international reputation for excellence. The Trudeau Institute is located on the shore of Saranac Lake, 8 miles from Lake Placid. Competitive salary and fringe benefits are offered and institute housing will be made available.

Applications consisting of a curriculum vitae, the names and addresses of three references should be addressed to:

Robert J. North, Ph.D., D.Sc.
Director
Trudeau Institute, Inc.
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Postdoctoral Research Opportunities in Breast Cancer Research

The Vincent T. Lombardi Cancer Research Center
Georgetown University Medical Center

An integral component of the Specialized Programs of Research Excellence (SPORE) in Breast Cancer grant recently awarded to the Lombardi Cancer Center is the training of new investigators for a career in translational research. The goals of the program include the development of individuals having the capability to move basic research findings into applied research settings with patients and populations. Four postdoctoral positions are immediately available. Successful applicants will have the opportunity to choose a mentor from among and interactive group of 14 peer reviewed and funded investigators who are currently committed to breast cancer research at Georgetown University. Research programs cover the development of novel anticancer therapies, the evaluation of prognostic indicators, and the determination of the genetic and molecular mechanisms that underly the malignant progression, acquisition of drug resistance, loss of estrogen sensitivity, and increased metastatic potential of breast cancer cells. Complete descriptions of individual research programs are available upon request. Salary is competitive and commensurate with qualifications and experience.

Applications from women and minorities are encouraged. Applicants should have a Ph.D. or M.D. Please send curriculum vitae, a short statement of research interests and goals, and the names and addresses of three references to:

Breast Cancer SPORE Postdoctoral Training Program
C/O Marc E. Lippman, M.D.
The Vincent T. Lombardi Cancer Research Center
3800 Reservoir Road, NW
Washington, DC 20007-2197

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ASSOCIATE DIRECTOR FOR RECOMBINANT GAMETE CONTRACEPTIVE VACCINE FACILITY

The Center for Reombinant Gamete Contraceptive Vaccines (CRGCV) is seeking applicants for Associate Director of a Fermentation and Bioprocess Facility currently under construction within the Medical Sciences complex at the University of Virginia. The CRGCV is a multiinstitutional NIH-sponsored center dedicated to the identification and development of at least three factors that should be components of a human contraceptive vaccine. The Fermentation and Bioprocess Facility will be responsible for the construction and operation of recombinant vaccine toxen vaccine facilities under GPL for use in fertility trials. Qualifications should include either a Master's degree or Ph.D. in Biochemistry, Microbiology or Chemical Engineering. The preferred candidate will have at least 10 years of experience in biotechnology research, including facilities management. Experience with recombinant proteins preferred. Send curriculum vitae and names of three references to: J. M. Kinchen, Director of CRGCV, University of Virginia School of Medicine, POB 1269, Charlottesville, VA.

VACCINOGENS, UNIVERSITY OF COLORADO

The University of Colorado Museum is a national history museum with six administrative sections: Zoology, Geology, Entomology, Botany, Anthropology, and Public Education. The Director should have a doctorate in a cognate field, a superior record of scholarly achievement, and administrative ability. Responsibilities include providing strong leadership for the Museum, raising funds, managing and coordinating all of the above sections of the Museum, and selecting and appointing the Director of Museums. The position is located in the Denver area, a metropolitan area with a large population of diverse interests. The University of Colorado is an Equal Opportunity/Affirmative Action Employer.

ASSOCIATE DEAN FOR RESEARCH AND GRADUATE STUDIES

University of Minnesota, Minneapolis, Minnesota

Applications are invited for the position of Associate Dean for Research and Graduate Studies. Duties include: (1) planning and coordinating research at the University of Minnesota; (2) developing and implementing policies and procedures for the administration of research; and (3) working with the Graduate院 to develop programs of graduate study. The successful candidate will have a Ph.D. in an area of research with demonstrated administrative experience. Applications should be sent to: Dr. W. H. Smith, Dean, School of General Science, University of Minnesota, Minneapolis, Minnesota 55455.

PH.D. IN BIOCHEMISTRY, ANATOMY, AND CELL BIOLOGY

The University of Washington, Seattle, Washington

Applications are invited for the position of Ph.D. in Biochemistry, Anatomy, and Cell Biology. The successful candidate will have a Ph.D. in biochemistry, anatomy, or cell biology and experience in research. Applications should be sent to: Dr. J. R. McMurtry, Dean, Faculty of Medicine, University of Washington, Seattle, Washington 98195.

ASSOCIATE DIRECTOR FOR RESEARCH AND GRADUATE STUDIES

University of California, Los Angeles, California

Applications are invited for the position of Associate Director for Research and Graduate Studies. The successful candidate will have a Ph.D. in a field related to the college and experience in research administration. Applications should be sent to: Dr. W. H. Smith, Dean, School of General Science, University of Minnesota, Minneapolis, Minnesota 55455.

DIRECTOR, MUSEUM UNIVERSITY OF COLORADO

The University of Colorado Museum is a national history museum with six administrative sections: Zoology, Geology, Entomology, Botany, Anthropology, and Public Education. The Director should have a doctorate in a cognate field, a superior record of scholarly achievement, and administrative ability. Responsibilities include providing strong leadership for the Museum, raising funds, managing and coordinating all of the above sections of the Museum, and selecting and appointing the Director of Museums. The position is located in the Denver area, a metropolitan area with a large population of diverse interests. The University of Colorado is an Equal Opportunity/Affirmative Action Employer.

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The University of Pittsburgh seeks an experienced cardiovascular imaging researcher who can provide a bridge between basic research and clinical investigation in cardiovascular imaging as a clinical or investigative tool. Will work with state-of-the-art imaging facilities, including MRI, high speed CT and PET and SPECT. Must be in the University of Pittsburgh; level of the position determined by experience. The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer. Persons with disabilities are encouraged to apply. Contact: Dr. Leonard Axel, M.D., Ph.D., Department of Radiology, University of Pittsburgh, POB 37, Pittsburgh, PA 15260.
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Applications may be obtained from the National Institutes of Health Office of Education.

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**Chair,**
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The UCLA School of Medicine is recruiting for the position of Professor, Chair of the Department of Ophthalmology, Director of the Jules Stein Eye Institute. He/She will provide leadership for the teaching, clinical and research programs of the Department and the Institute. Candidates are expected to have outstanding leadership qualities. Please submit curriculum vitae to: Dr. Robert Baloh, Chair Search Committee, Chair of Ophthalmology Department of Neurology University of California Los Angeles, CA 90024-1769

The University of California is an Equal Opportunity Employer. Applications from women and minorities are strongly encouraged.

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**Assistant Professor of Cellular/Molecular Plant Biology**

Applications are invited from broadly trained biologists for a new tenure-track position (subject to budgetary approval) in cellular/molecular plant biology with a specialization in, e.g., physiology, pathology or development. The successful candidate will be expected to:

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3. Advise students and participate in general departmental administration.

SUNY Geneseo is a highly selective college with a student body of 5000 students. The biology department has over 600 majors in biology and biochemistry programs and has a very strong commitment to undergraduate education. The successful candidate will complement 14 other faculty members with diverse specialties in zoology, developmental biology, physiological ecology, plant ecology, developmental biology, animal physiology, cell ultrastructure, systematics for parasitic helminths, aquatic invertebrate biology, algal genetics, molecular biology, immunochemistry, plant biology, forest ecology, and microbial ecology.

All applicants must have a Ph.D. in biology or related field and postdoctoral experience. Send curriculum vitae, publications, graduate transcripts, three letters of recommendation and a description of research and teaching interests by 1 March 1993 to Dr. Edwin J. Splechta, Biology Dept., 1 College Circle, State University of New York, Geneseo, NY 14454. FAX: (716)245-5907.

The State University of New York is an A.A.E. Employer. Minorities and women are strongly urged to apply.

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**ChemTrak**

Product Development Opportunities

ChemTrak, Inc., a leader in the easy-to-use and non-instrumented AccuMeter diagnostics tests for the worldwide point-of-care and consumer retail markets is seeking strong candidates to join its Research and Development department.

**Project Leaders**

Responsibilities include the initiation, design, development and completion of hand-held, low cost, unitary tests for the detection of antibody or protein antigens in body fluids.

Successful candidates must have a PhD in biochemistry, protein chemistry, or immunochemistry with 3+ years industrial experience and a proven track record in the development of immunoassay products.

**Postdoctoral Fellows**

The individual will develop and perform experiments with minimum supervision, in the areas of protein immobilization, conjugation, colloidal gold or enzyme color signal system development on solid supports.

Candidates with Ph.D. in Biochemistry, Immunochemistry or Analytical Biochemistry are preferred.

ChemTrak is located in the San Francisco Bay area and offers competitive salary, comprehensive benefits package and employee stock purchase plan. Send resume with salary history to: ChemTrak, Inc., Human Resources, 929 E. Arques Ave., Sunnyvale, CA 94086. We are an Equal Opportunity Employer.
TRUDEAU INSTITUTE, INC.
BASIC RESEARCH
SCIENTISTS
Associate Professor Level
Infectious Diseases
Immunologist

A vacancy exists at the associate professor level for an immunologist interested in employing immunological techniques to analyze immunity to infections with microbial pathogens. The successful applicant will be supplied the resources to develop his/her independent research program within the overall infectious disease program of the Trudeau Institute. Persons interested in developing models of immunity to intracellular pathogens are encouraged to apply.

The Trudeau Institute is a well-endowed not-for-profit, basic research institute. Salaries and benefits are competitive, and working conditions are conducive to a productive research career.

Applications consisting of a curriculum vitae, the names and addresses of three references, and a brief description of research interests, should be addressed to:
Dr. Robert J. North, Director
Trudeau Institute, Inc.
P.O. Box 59
Saranac Lake, NY 12983

TRUDEAU INSTITUTE, INC.
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Saranac Lake, NY 12983

DEAN, SCHOOL OF
SCIENCE AND HEALTH

The William Paterson College of New Jersey invites nominations and applications for the positions of Dean, School of Science and Health.

The School of Science and Health houses Bachelor's degrees in the Departments of Biology, Chemistry and Physics, Communication Disorders, Community Health, Computer Science & Quantitative Analysis, Environmental Sciences & Geography, Exercise and Movement Sciences, Mathematics, and Nursing, as well as a Master of Arts degree in Biology and Master of Science degrees in Biotechnology, and Speech-Language Pathology. The School offers Pre-Medical, Pre-Dental and Veterinary Medicine preparation through its Pre-professional programs. Also affiliated with the School is an Honors Program in Biophysics. The recipient of a $3.1 million New Jersey Challenge to Excellence grant and commanding state-of-the-art equipment, the School has established a Center for Research to focus its teaching and research on the rapidly developing areas of biotechnology, biochemistry, environmental science and applied mathematics. The School's 94 faculty members serve approximately 1,255 undergraduate majors and 175 graduate students.

The Dean is the chief academic officer of the School, reports to the Provost and Vice President for Academic Affairs, and is a member of the Deans' Council. S/he is responsible for providing leadership for a complex and diverse school; planning and overseeing the development of its academic programs, and administering the School including budget planning and management, and all personnel matters. The position provides an opportunity to facilitate interaction among scholars and teachers across the disciplines housed within the School and to encourage an integrated multi-disciplinary approach to undergraduate health, nursing, mathematics, and physical and natural sciences education.

The successful candidate must possess personal qualities of leadership and vision; a proven record of success in academic administration and a degree of maturity that enables him/her to work collaboratively with a variety of individuals and groups; prior leadership experience at a significant level of responsibility, preferably at the Dean's level; scholarly accomplishment and teaching experience commensurate with appointment as a Professor in a department in the School, and an earned doctorate in a discipline represented within the School.

The position becomes available September 1, 1993. Salary dependent upon background and experience.

Founded in 1855, The William Paterson College of New Jersey serves approximately 8,000 undergraduate students through its 31 undergraduate programs. Its graduate enrollment numbers approximately 2,000 students in 15 graduate degree programs. The College maintains a strategic commitment to the goals of excellence, diversity and community. On a 250-acre suburban campus 20 miles from New York City, William Paterson College is an accredited state college and an affirmative action/equal opportunity employer.

Review of applications will begin on February 20, 1993 and continue until the positions are filled. Applications should be sent along with a letter citing specific accomplishments related to the above criteria, a curriculum vitae, and the names, addresses and telephone numbers of three (3) references who may be contacted at the time of invitation to be interviewed with the approval of the candidate. Please direct materials to:
Dr. Susan P. McNemara, Chair, Search Committee, Dean, School of Science and Health

WILLIAM PATERSOIl COLLEGE
Drawer SS - Wayne, New Jersey 07470

POST-DOCTORAL RESEARCH SCIENTIST
Department of Veterinary Pathology and Public Health

This position is available in the Bovine Tuberculosis Research Unit. The Unit’s goal is to develop a recombinant vaccine capable of protecting cattle against tuberculosis. The approach combines comparative studies of the molecular biology of M. bovis and M. bovis BCG with investigations of the cellular responses of cattle to mycobacterial proteins.

The position is for two years, starting May/June 1993. A salary commensurate with experience, travel expenses and initial accommodation costs will be paid. The Unit has excellent facilities and provides a pleasant research environment.

Applicants should have a PhD in Immunology, or a related field, preferably with experience in cellular immunology. Further information is available from Dr Kevin Moriarty, telephone (64) 6 356-9099, facsimile (64) 6 350-5636. Reference number Sci 109/92 must be quoted.

Closing date: 28 February 1993.

An information package including Conditions of Appointment is obtainable by telephoning extension 7318.

Applications, including a full curriculum vitae and the names, addresses and fax numbers of three referees should be sent to Mrs V B Bretherton, Personnel Section before the closing date specified.

B.R.H. Monks
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  - March 5 Issue - Deadline: Feb. 16
- ACS (American Chemical Society)
  - March 12 Issue - Deadline: Feb. 23
- Experimental Biology (FASEB)
  - March 26 Issue - Deadline: March 9
- ASM (American Society for Microbiology)
  - May 7 Issue - Deadline: April 20
- AAI/CIS
  - (American Association of Immunologists/ Clinical Immunology Society)
  - American Association for Cancer Research
  - May 14 Issue - Deadline: April 27
- ASBMB
  - (American Society for Biochemistry and Molecular Biology)
  - May 28 Issue - Deadline: May 11

International Congress of Virology
- July 23 Issue - Deadline: July 6
- Science Innovation '93
  - July 30 Issue - Deadline: July 13
- International Genetics
  - August 6 Issue - Deadline: July 20
- ACS Fall Meeting
  - August 13 Issue - Deadline: July 27
- NIH Research Week
  - September 17 Issue - Deadline: Aug. 31
- American Society of Human Genetics
  - Lab Expo & Conference
  - October 1 Issue - Deadline: Sept. 14
- Biotechnica
  - October 8 Issue - Deadline: Sept. 21
- Human Genome
  - October 15 Issue - Deadline: Sept. 28
  - October 22 Issue - Deadline: Oct. 5
- Neuroscience
  - October 29 Issue - Deadline: Oct. 12
- Medica '93
- MAC
  - November 5 Issue - Deadline: Oct. 19
- Salon du Laboratoire
  - November 19 Issue - Deadline: Nov. 2
- ASCB (American Society for Cell Biology)
  - December 10 Issue - Deadline: Nov. 22

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Research Molecular Biologists

Pfizer, a U.S. based multinational pharmaceutical company, has earned its reputation as a leader in the industry through its continuing commitment to keeping its pharmaceutical research at the forefront of biomedical science and therapeutic innovation. Consider these exciting research opportunities in the Molecular Genetics and Protein Chemistry Department located at our Central Research Laboratories in Groton, Connecticut.

**Cancer: Pharmacology and Molecular Biology**—In collaboration with our Cancer Drug Discovery Group, you will develop strategies to exploit cancer cell selective molecular targets and create approaches towards cancer drug discovery as novel targets are identified. Applicants should have a PhD with at least 2 years of postdoctoral research in cancer molecular biology. Experience in the cloning and characterization of novel genes to the field of tumor cell biology (oncogenes, tumor suppressor genes, etc.) is a strong advantage.

**Cardiovascular: Molecular Biology**—The Cardiovascular Discovery Group is pursuing the role of growth factors and protooncogenes in cardiac hypertrophy and congestive heart failure. We are seeking candidates with a PhD in Molecular Biology and at least 2 years postdoctoral experience in these areas.

**Cartilage: Molecular Biology**—The Inflammation Group has an exciting challenge for an individual with strong training in molecular biology and expertise in cartilage metabolism. The successful candidate will have at least 2 years postdoctoral experience and a strong publication record in the area.

**Neurobiology: Receptor Structure and Molecular Biology**—Become a part of a multi-disciplinary team where our current research focus is on the discovery of novel receptors expressed in the central nervous system. Applicants should have a PhD degree with 0-4 years of postdoctoral or industrial experience in molecular biology with emphasis in gene isolation and analysis including: library construction, cDNA cloning, quantitative RNA analysis; DNA sequence analysis; and PCR using degenerate primers. Interest in the molecular biology and biochemistry of neuroreceptors is highly desirable.

**Obesity: Gene Transcription**—The Molecular Biology Group has considerable interest in the regulation of gene transcription. This position requires a PhD in molecular biology and at least 2 years postdoctoral work in a field such as diabetes or obesity research.

**Osteoporosis: Molecular Biology**—Our recent move to co-develop risedronate, has created an exceptional opportunity for a scientist with a PhD and at least 2 years experience in the areas of molecular biology and some aspect of bone biology. Familiarity with steroid receptor molecular biology would be a distinct advantage.

In addition to a stimulating research environment, we offer a competitive compensation and benefits package, including generous relocation assistance to this southeastern Connecticut shoreline community. Qualified applicants may send a resume, description of research experience, and names of three references, indicating position desired, to: Mr. Kym Goddu, Personnel Associate, Employee Resources, Pfizer Inc, Central Research Division, Eastern Point Road, Groton, CT 06340. We are an equal opportunity employer.

Central Research
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TRUDEAU INSTITUTE, INC.
CELLULAR/MOLECULAR IMMUNOLOGIST

As part of its ongoing recruiting program, the Trudeau Institute is interested in hiring a cellular or molecular immunologist at the level of associate professor. The successful applicant will be provided the resources to develop his/her own research program. Research at the Institute is directed at studying the immune response to infectious agents, cancers, and alloantigens at the physiological, cellular and molecular levels.

The Trudeau Institute is a free-standing, not-for-profit, basic research institute with up-to-date equipment and in-house animal production facilities. Current staff interests include: cancer immunology, transplantation immunology, immunity to infectious and parasitic diseases, regulation of immune responses, and the production and function of cytokines. Adequate funding for new projects is available from Institute resources. Salaries and benefits are competitive, and working conditions are conducive to a productive research career.

Applications consisting of a curriculum vitae, the names and addresses of three references, and a brief description of research interests, should be addressed to:

Dr. Robert J. North, Director
Trudeau Institute, Inc.
P.O. Box 59
Saranac Lake, NY 12983

POSITIONS OPEN
FACULTY POSITION

Applications for a tenure-track position at the ASSISTANT PROFESSOR level in the Department of Cellular and Structural Biology, the University of Texas Health Science Center, for the 1993-94 academic year are invited in the area of molecular biology. The successful candidate will be expected to establish an independent research program utilizing molecular techniques for the study of environmental health and toxicology. Also required for this position will be the development and direction of a clinical molecular genetics laboratory with an emphasis on preimplantation and prenatal diagnosis. In addition, the individual will participate in the teaching activities of the department. Preference will be given to applicants who have demonstrated the ability to obtain independent extramural funding, and who have teaching experience. The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78230, Telephone: (512) 567-3875, FAX: (512) 567-3803.

PLANT BIOLOGY
VISITING ASSISTANT PROFESSOR

The Department of Biology, Hamilton College, invites applications for a one-year position at the assistant professor level, beginning July 1, 1993. Applicants must have a Ph.D. Teaching duties will include an intermediate-level course in an area of plant sciences and team-taught courses in ecology and in general biology. Send curriculum vitae, statements of teaching and research interests, and three letters of reference to: Dr. Charles M. Moore, Department of Cellular and Structural Biology, University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78230, Telephone: (512) 567-3875, FAX: (512) 567-3803.

NEUROSCIENTIST
POSTDOCTORAL/ASSISTANT PROFESSOR

A position is available in the Physiology Section of the Medical Sciences Program on the Bloomington campus of Indiana University. Starting date is July 1, 1993. The successful candidate will participate in the teaching of basic undergraduate and/or medical neuroscience courses. A Ph.D. or equivalent degree is required and teaching experience is preferred. The initial appointment is for one year with potential for renewal. Emphasis will be placed on quality instruction. Postdoctoral or collaborative research with regular faculty is encouraged. Submit curriculum vitae and names and telephone numbers of three references to: Dr. Roderick Suthers, Search & Screen Committee, Medical Sciences Program, Myers 203, Indiana University, Bloomington, IN 47403. Telephone: (812) 855-0616. Applications will be reviewed starting March 1, 1993 and the search will continue until the position is filled. An Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK FACULTY POSITION IN COMPLEX SYSTEMS AND BRAIN SCIENCES at Florida Atlantic University (FAU) assigned to NIMH-sponsored multidisciplinary training program for pre- and postdoctoral fellows. Level of appointment is open. We seek an outstanding individual capable of attracting extramural support wishing to research and teach in an explicitly interdisciplinary setting. The candidate will have demonstrated expertise in the theoretical/computational modeling of human cognitive and brain function and be capable of relating to ongoing research at the Center. A talented experimentalist in this area may also be considered. Please send curriculum vitae, representative reprints and four letters of reference by March 19, 1993 to: J.A.S. Kelso, Florida Atlantic University, Center for Complex Systems Research, 777gl, 2000 N. University Dr., Ft. Lauderdale, FL 33441. FAU is an Equal Employment Opportunity/Affirmative Action Employer.

DEPARTMENT OF PHYSIOLOGY
SCHOOL OF MEDICINE
MEHARRY MEDICAL COLLEGE

A tenure-track position is available immediately in the Department of Physiology. Applications are invited for individuals with interest in the area of Neuroscience. The department has recently received several federal and private grants in the area of cellular and molecular biological approaches in the area of Neuroscience. Preference will be given to applicants who have demonstrated a record of excellence in research. The successful candidate will be expected to participate fully in the department's teaching program and to develop an independent, extramurally funded research program.

The college has a strong commitment to research and offers excellent start-up funds and well-equipped facilities. Applications are also encouraged from minority groups. Interested individuals are encouraged to apply. Hamilton College is an Equal Opportunity/Affirmative Action Employer.

LAKE ERIE COLLEGE OF OSTEOPATHIC MEDICINE (LECOM)

BASIC SCIENCE FACULTY

LECOM, a newly established college of osteopathic medicine, invites applications for positions in the basic sciences disciplines of anatomy, biochemistry, microbiology, pathology, physiology and pharmacology. Candidates must have a Ph.D. and a strong commitment to teaching excellence, scholarly activity and community service. Salary and academic rank will be commensurate with credentials and experience. Applications from women and minority candidates are strongly encouraged. Please send curriculum vitae, a statement of interdisciplinary teaching interests and the names and telephone numbers of three references to: JOSEPH G. GRÉGÖREK, Ph.D., Associate Dean of Basic Sciences, Lake Erie College of Osteopathic Medicine, Millcreek Professional Building, 5481 Peach Street, Erie, PA 16509.

TWO POSTDOCTORAL POSITIONS
in Molecular and Cellular Neurobiology

Department of Biochemistry and Biophysics
School of Medicine, University of North Carolina
at Chapel Hill

Two postdoctoral positions in Molecular and Cellular Neurobiology to investigate the action of proto-oncogenes encoding tyrosine kinases and phosphatases in neuronal development. One project focuses on signal transduction by cell adhesion molecules in growth cones: protein tyrosine phosphatase neuronal organization, calcium flux, and PI turnover (experience with video-enhanced DIC microscopy desired). Another project is to clone and analyze the function of novel tyrosine and phosphatase proteins expressed in cells and retinas. Send curriculum vitae and names of three references to: Dr. Patricia P. Manes, Department of Biochemistry and Biophysics, University of North Carolina School of Medicine, CB# 7260, Chapel Hill, NC 27599-7260, Equal Opportunity/Affirmative Action Employer.
NEW ENGLAND BIOLABS

Molecular Biology
and Biotechnology

Summer Workshop

 WHEN:
Session I: May 30-June 12, 1993
Session II: June 17-June 30, 1993

WHERE:
Clark Science Center
Smith College
Northampton, MA

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

Dr. Molly Fitzgerald-Hayes
Dept. of Biochemistry and Program in Molecular
and Cellular Biology, University of Massachusetts

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

Dr. Barton Slatko
New England Biolabs, Inc.

TO APPLY
for this workshop, please submit a recent curricu-
um via e and a one page statement of motivation to:

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

We are pleased to announce the eighth annual New England
Biolabs’ Molecular Biology and Biotechnology Summer
Workshops held at Smith College, Northampton, MA.

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

EXPERIMENTS WILL INCLUDE: Purification of DNA, restric-
tion enzyme digestion, gel electrophoresis, construction of recom-
binant DNA molecules, cloning in plasmid and phage vectors,
cloning strategies, bacterial transformation and transfection,
Southern and Northern transfer and hybridization, radioactive and
non-radioactive labeling of DNA, polymerase chain reaction, RNA
PCR, in situ hybridization, and DNA sequencing. All of these tech-
niques are woven into a cohesive research project carried out by
each participant during the two-week session. Lectures and discus-
sion sessions (at least three hours each day) will deal with all of
the above topics and how these methods are applied in molecular
biology research.

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

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

APPLICATIONS MUST BE RECEIVED BY March 1, 1993.
Notification of acceptance, wait-list, or rejection will be mailed by
March 7, 1993. Payment in full will be due by April 15, 1993. Your
application should include a C.V. and a one page statement of
motivation. Please specify the session to which you are applying
and indicate if you wish to be considered for the other session as a
second choice. Women and minorities are especially encouraged to
apply. For additional information, please contact Dr. Steven
A. Williams at (413) 585-3826.
POSTDOCTORAL POSITION available to join laboratory studying cognitive effects of developmental brain damage. Two current NIH-funded projects concern perinatal exposure to cocaine and lead, respectively. Ph.D. required. The preferred candidate will have experience in the assessment of cognitive functioning in animals, and in statistics. Send curriculum vitae and three letters of recommendation immediately to: Dr. B. J. Strupp, Associate Professor, Department of Psychology and Division of Nutritional Sciences, Savage Hall, Cornell University, Ithaca, NY 14853. FAX: 607-255-1033; Telephone: 607-255-2094. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available immediately for a 1-year postdoctoral position in the laboratory of Dr. Field, to study the function of adrenalase. This position is available immediately. Send curriculum vitae, list of publications, and three letters of reference to: Dr. David Field, Department of Pharmacology and Toxicology, College of Pharmacy, University of Texas at Austin, Austin, TX 78712. An Equal Opportunity Employer.

POSTDOCTORAL POSITIONS available immediately in the laboratory of Dr. Field, to study the function of adrenalase. This position is available immediately. Send curriculum vitae, list of publications, and three letters of reference to: Dr. David Field, Department of Pharmacology and Toxicology, College of Pharmacy, University of Texas at Austin, Austin, TX 78712. An Equal Opportunity Employer.

POSTDOCTORAL POSITION in MALARIA RESEARCH

Two postdoctoral positions are available immediately. One position is to study Molecular Biology, emphasizing the development of molecular markers to define clonotypes in malaria parasite infections. The second position is to study Molecular Pathophysiology, emphasizing the effect of parasite infection on host immune responses. Send curriculum vitae and names of three references to: Dr. Field, Department of Microbiology, University of Texas Medical School, Houston, TX 77030.

POSTDOCTORAL POSITION available immediately for a 1-year position in the laboratory of Dr. Field, to study the function of adrenalase. This position is available immediately. Send curriculum vitae, list of publications, and three letters of reference to: Dr. David Field, Department of Pharmacology and Toxicology, College of Pharmacy, University of Texas at Austin, Austin, TX 78712. An Equal Opportunity Employer.

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THE ROCKEFELLER UNIVERSITY
NEUROSCIENCE

The Rockefeller University is expanding its involvement in neuroscience research, with interdisciplinary interests in a number of areas, including:

DEVELOPMENTAL NEUROBIOLOGY, at the molecular and cellular levels.

CELLULAR NEUROBIOLOGY, including studies of transmitters and receptors, synaptic physiology, channels, and cellular transduction.

NEURAL SYSTEMS RESEARCH, including studies of perception, behavior and cognitive function, with approaches including anatomy, pharmacology, physiology, psychophysics and applied mathematics.

Appointments of independent laboratory heads will be made at the non-tenured assistant and associate professorial levels, as well as at the level of tenured full professors.

Applicants should send their C.V. and a description of their research interests to:

Neuroscience Search Chair
Rockefeller University
Box 80, 1230 York Avenue
New York, NY 10021

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.

MOLECULAR IMMUNOLOGISTS/ CELL BIOLOGISTS

Gwen Knapp Center for Lupus and Immunology Research
The University of Chicago

The Gwen Knapp Center for Lupus and Immunology Research of the University of Chicago is seeking applicants at the Assistant, Associate, and Full Professor levels to join the newly formed Center. The Center is committed to developing a strong program in molecular immunology. We are seeking outstanding individuals who are using the approaches of molecular biology and cell physiology to examine basic immune mechanisms and/or disorders such as signal transduction, gene regulation, and antigen processing. Existing immunology programs at the University of Chicago include: lymphocyte development, B and T cell activation, antigen presentation, tumor immunology, transplantation, and autoimmunity. Candidates should have sufficient research experience to demonstrate both significant accomplishment and outstanding promise. Faculty appointments will be tenure-track in the most appropriate academic department where the candidate will be expected to exercise full membership. New state-of-the-art laboratory space will be located within the Institute for Molecular Medicine which is now being formed. This institute will also house programs in molecular oncology, vascular biology, human genetics, and neurobiology. Letters of application including curriculum vitae, bibliography, a brief statement indicating research interest, and the names of 3 references should be sent to: Dr. Craig B. Thompson, Director, Gwen Knapp Center for Lupus and Immunology Research.

THE UNIVERSITY OF CHICAGO
5841 S. Maryland Avenue, MC1000
Chicago, IL 60637

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LUDWIG INSTITUTE
INSTITUTE SÃO PAULO
CANCER BRANCH
RESEARCH LUDWIG IN
10th ANNIVERSARY

MEETING ANNOUNCEMENT

BASIC AND APPLIED CANCER RESEARCH
April 1 - 3, 1993 São Paulo - Brazil

INTERNATIONAL SYMPOSIUM ON HUMAN PAPILLOMAVIRUS
April 4 - 6, 1993

Cancer Inheritance; Biochemistry of the Transformed Phenotype; Tumor Immunology and Metastases; Etiology, Diagnosis and Epidemiology; Transformation, Immune Responses and Epidemiology of H.P.V.

Speakers:

Registration and Abstract Deadline
March 1st., 1993

Contact
Dr. Luise L. Villa or Libeca M. Ward
Instituto Ludwig de Pesquisas sobre o Cancer
r. Prof. Antonio Prudentes #109, 4th floor
CEP 01509-010

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CAREERS IN INDUSTRY
February 12, 1993

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We offer very competitive salaries, excellent benefits, and a smoke-free work environment. For confidential consideration, please forward a curriculum vitae, stating position of interest, to:

Mr. Christopher Harrison, Staffing Representative, United States Surgical Corporation, 195 McDermott Road, Dept. SM, North Haven, CT 06473.

**Oregon State University**

**Thomas Hart and Mary Jones Horning Professorship in the Humanities**

The estate of the late Dr. Benjamin Horning has established an endowed fund at Oregon State University for the purpose of creating a Professorship in the Humanities. Dr. Horning's intent was to improve and extend the teaching of humanities to students in the sciences and technical areas offered by Oregon State University. In keeping with Dr. Horning's wishes, the university has created an endowed chair to be filled by a distinguished senior scholar whose teaching and research interests bridge the humanities and sciences. Appointment to the chair will carry tenure and a position in one of the university's academic departments, or a joint appointment in more than one department. The endowed chair will also support a related general education program, which may include activities such as a lecture series, visiting scholars, and course development.

Oregon State University invites nominations and applications for appointment to the Horning chair. Selection will be based on the candidate's outstanding credentials in teaching and scholarship. Nominations and applications should be sent to the chair of the Horning Search committee: Paul Farber, Department of History, Millen Hall 206, Oregon State University, Corvallis, OR 97331-5104.

Nominations and applications should consist of a letter of interest, a vita, and the names and addresses of three to five references. (References will not be contacted until the Horning Search Committee has confirmed interest from the nominees.) Applications and nominations will be accepted until the position is filled.

**Applied Biosystems**, a leading supplier of systems and tools for biotechnology research, is currently seeking a Scientist. Based in the San Francisco Bay Area, you'll enjoy the natural beauty and cultural benefits of Northern California.

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We offer a competitive salary and generous benefits package. Please send your resume to: Applied Biosystems, Inc., Attn: Human Resources Ref. #1670, 850 Lincoln Centre Drive, Foster City, CA 94404. We are an equal opportunity employer.

**University of Windsor**

**Head, Department of Biological Sciences**

Applications and nominations are invited from outstanding individuals for the position of Department Head to begin July 1, 1993 (starting date negotiable). The applicant must have an active research program in either Environmental/Population Biology or Molecular/Developmental Biology. The Department has 21 faculty, 4 adjunct professors, 30 graduate students, and an ongoing program of visiting scholars and scientists, and post-doctoral fellows. The Department offers Doctoral and Master's programs with specialization in Environmental/Population and Molecular/Developmental Biology. The undergraduate B.Sc. program serves more than 450 majors in Biological Sciences.

In addition to a strong record of research and graduate training, the applicant should have a commitment to undergraduate teaching as well as the capacity to provide leadership and administrative competence appropriate to the position.

The University of Windsor is committed to employment equity and welcomes applications from Aboriginal Peoples, persons with disabilities and members of visible minorities. Applications from women are particularly encouraged. In accordance with Canadian Immigration requirements this advertisement is directed, for the first instance, to Canadian citizens and permanent residents of Canada.

Consideration of applications will begin March 1, 1993. Applications and nominations, including a curriculum vitae and the names of three referees, should be sent to:

Dr. Robert T. McClokey
Chair, Head Search Committee
Department of Biological Sciences
University of Windsor, Windsor, Ontario, N9B 3P4
POSITIONS OPEN

ASSISTANT PROFESSORS: Tenure-track beginning fall 1993. Ph.D. required. (1) ECOLOGIST with research specialty in some aspect of plant ecology who will teach general biology and graduate-level plant ecology, biometrics, and systematics and evolution. (2) PHYSIOLOGIST with research specialty in some aspect of animal physiology who will teach general biology, anatomy and physiology and senior-level animal physiology. Applications are invited for both positions will direct M.S. candidates in their research. Availability of positions contingent upon funding. Deadline for applications: March 15, 1993. Send transcripts, curriculum vitae, statement of teaching/research interests and three reference letters to: Dr. L. M. O'Flaherty, Chair of Biological Sciences, Eastern Illinois University, Charleston, IL 61920. Illinois is an Affirmative Action/Equal Opportunity Employer and has a strong institutional commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people including minorities, women and persons with disabilities.

TENURE-TRACK POSITION IN MOLECULAR AND CELLULAR BIOLOGY

The Department of Chemical Immunology at the Weizmann Institute of Science is seeking applicants for a tenure-track faculty position. The appointee is expected to develop a research program at the Weizmann Institute of Science. Application, curriculum vitae, academic transcripts, a statement of research interests, and three letters of recommendation should be sent to: President and Head, Department of Chemical Immunology, The Weizmann Institute of Science, Rehovot 76100, Israel.

POSTDOCTORAL POSITION

Studies of Hematopoietic Reconstitution Therapy Using Embryo Derived Precursor Hematopoietic Stem Cells

Postdoctoral position immediately available, funded by an NIH AIDS Program Grant, to study a mouse model system for targeted gene therapy of lymphoproliferative retrowiral infection. This project will utilize an embryo-derived, hematopoietic stem cell system as an alternative to bone marrow stem cells for the delivery of therapeutic genes. Salary range: $22,000 to $30,000. Interested individuals may send curriculum vitae and the names of at least two references to: Dr. Patricia E. Wagoner, Edison Center, Ohio University, Athens, OH 45701. Affirmative Action/Equal Opportunity Employer.

RESEARCH ASSOCIATE, Full-time: Research in perinatal molecular neuronal biochemistry and neuronal cell culture. Conduct biochemical assay for neurons. Purify and analyze RNA, DNA and proteins. Prepare research reports for publications. Requirements: M.S. in Biology. Knowledge and/or ability in cell culture, molecular and biochemical techniques including electrophoresis, chromatography and tissue culture. Computer software including Sigma Plot, Eight-in-one and Microsoft Word. Salary: $26,900 per year. Job Interview Site: Loma Linda University, California. Send this ad and resume to: Job# PM10670, P.O. Box 269095, Sacramento, CA 95826-9065 no later than February 2, 1993.

ORNTHOLOGIST. The Cornell Laboratory of Ornithology invites applications for a CHIEF SCIENTIST position to direct all scientific aspects of Project FeederWatch and the National Science Experiments. This is a two-year position with the possibility of extension. Consideration will be given to a one-year sabbatical. Responsibilities include providing ornithological guidance including supervision of data analysis and creation of new experiments for several fully funded projects plus the supervision of 3 to 4 support staff. Salary commensurate with qualifications and experience. Full Cornell University benefit. Position available spring 1993. To apply send curriculum vitae and names of three references to: Dr. A. C. Walcott, Executive Director, Cornell Laboratory of Ornithology, 159 Sapucker Woods Road, Ithaca, NY 14850-9990.

POSITIONS OPEN

POSTDOCTORAL POSITIONS (2). Available immediately to work on elector receptors and signal transduction in phagocytic cell membranes (see Physiol. Rev. 79:1208). One post requires experience in signalling mechanisms/ receptors (in plants or animals) ideally with some experience in plant molecular biology. Preference for both positions will direct M.S. candidates in their research. Availability of positions contingent upon funding. Deadline for applications: March 15, 1993. Send transcripts, curriculum vitae and three letter of references to: Dr. V. J. Highsmith, B. D. Gurney, Department of Botany, University of Toronto, 25 Willcocks Street, Toronto, Canada MSS 3B2. (FAX: 416-978-5878).

POSTDOCTORAL POSITION: A position is immediately available for a recent Ph.D. to investigate the molecular and enzymatic function of the protein kinase C (PKC) signaling activator regulating expression of the maltof serum enzyme metallothionein cDNAs. Interested candidates should submit curriculum vitae and three letters of recommendation to: Dr. W. E. Silver, Department of Biochemistry, Queens College of the City University of New York, 6000 Kissena Boulevard, Flushing, NY 11367, USA.

POSTDOCTORAL POSITION available to study physiological aspects of neuronal death in vitro. The laboratory is examining both vertebrate (songbird forebrain) and invertebrate (C. elegans) preparations of neurotransmitter systems and experience in cell culture, biochemical techniques, and molecular biology required. Send curriculum vitae, letter of intent, and names and addresses of three references to: Director, Laboratory of Neuronal Plasticity, Department of Neuroscience, Cornell University Medical College, 1300 York Avenue, New York, NY 10021. FAX: (212) 746-8532.

POSTDOCTORAL POSITION available June 1, 1993 for U.S. citizen or permanent resident to study expression and regulation of arachidonic metabolizing enzymes, using both in vivo and in vitro systems. Experience in cell culture, biochemical techniques, and molecular biology required. Send curriculum vitae, letter of intent, and names and addresses of three references to: Director, Laboratory of Neuronal Plasticity, Department of Neuroscience, Cornell University Medical College, 1300 York Avenue, New York, NY 10021. FAX: (212) 746-8532.

POSTDOCTORAL POSITIONS (3) in Applied Biology (Available beginning summer 1993; Initial appointments are for one year but with the possibility of renewal for a second year). Collaborative research in areas of arthropod predictor/prey interactions (with Ann L. Brustman), ethology (with James T. Oris), and insect cold-hardiness/ice-nucleating bacteria (with Richard E. Lee). Review of applications will begin on April 1, 1993 and continue until the positions are filled. Applicants are invited to mention their research interests and curriculum vitae, and have three letters of reference and copies of academic transcripts sent to the following address: Chair, Department of Zoology, Miami University, Oxford, OH 45056. Miami University is an Equal Opportunity Employer.

POSITIONS OPEN

PREDOCTORAL AND POSTDOCTORAL RESEARCH FELLOWSHIPS are available at the University of Florida College of Medicine through an NIH, National Eye Institute Training Grant. Research emphasis is in vision cell biology, molecular biology, and biochemistry. The 12 faculty preceptors maintain primary appointments in Anatomy and Cell Biology, Biochemistry and Molecular Biology, Immunology and Medical Microbiology, Neuroscience, Pathology, and Pharmacology. Requirements for completion of predoctoral and postdoctoral training programs include a written dissertation. Salary is $22,500 with $3,000 stipend, and will be accepted at any time, but decisions are normally made in April/May for August admission. U.S. Citizens only. Affirmative Action/Equal Opportunity Employer.

FELLOWSHIP IN VISION SCIENCE

PREDOCTORAL AND POSTDOCTORAL RESEARCH FELLOWSHIPS are available at the University of Florida College of Medicine through an NIH, National Eye Institute Training Grant. Research emphasis is in vision cell biology, molecular biology, and biochemistry. The 12 faculty preceptors maintain primary appointments in Anatomy and Cell Biology, Biochemistry and Molecular Biology, Immunology and Medical Microbiology, Neuroscience, Pathology, and Pharmacology. Requirements for completion of predoctoral and postdoctoral training programs include a written dissertation. Salary is $22,500 with $3,000 stipend, and will be accepted at any time, but decisions are normally made in April/May for August admission. U.S. Citizens only. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION available in avian hematology. Opportunities include studies on viral gene function in the natural hosts, immunological responses to viral infections, and development/characterization of live recombiant avian viral vaccines. Experience in in vitro cell culture is desired. Send curriculum vitae and three letters of reference to: Dr. Robin Morgan or Dr. Calvin Keeler, Department of Animal Science and Agricultural Biochemistry, 940 Townsend Hall, University of Delaware, Newark, DE 19717-1303. The University of Delaware is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available immediately to study the function of matrix metalloproteinases and their inhibitors in embryonic morphogenesis and tumor metastasis. Applicants with a strong background in cell or molecular biology and postdoctoral experience with molecular biology techniques. Send curriculum vitae to: Stephen Welle, Ph.D., Monroe Community Hospital, 1405 East Henrietta Road, Rochester, NY 14620. The University of Rochester is an Equal Opportunity Employer.

NIMH (NEUROSCIENCES RESEARCH BRANCH) NATIONAL TRAINING PROGRAM IN COMPLEX SYSTEMS AND BRAIN SCIENCES AT FAU: PRE- AND POSTDOCTORAL FELLOWSHIPS. Highly qualified individuals with undergraduate degrees in a pertinent discipline are invited to apply for one 3-year training program leading to the Ph.D. degree in Complex Systems and Brain Sciences. The aim of the Program is to blend theoretical concepts and mathematical tools for complex systems with specific experimental work in the behavioral and brain sciences. Graduate training will consist of a core curriculum in the mathematics of non-linear dynamical systems, neuroscience (including neural networks and cognitive science), and computational science. Postdoctoral candidates should have a strong interdisciplinary interest. Active research areas include: neural network control, coordination and learning; human brain imaging; brain stem mechanisms of behavior; neural growth and development; speech production and perception; neuroglial interactions; perception and complex systems; nonlinear dynamics, neural networks and robotics. Prospective fellows should send letter of application, GRE scores (graduate fellows only), curriculum vitae and 3 letters of reference to: Dr. Robert Vertes, Associate Director, Program in Complex Systems and Brain Sciences, Center for Complex Systems, Florida Atlantic University, P.O. Box 3091, Boca Raton, FL 33431. FAU is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE. Available March 1993 to study effects of stress and noradrenergic system on immediate early gene expression in the brain and functional significance of c-fos for adaptation and depression. Candidates must have basic techniques of molecular biology. Familiarity with neuroscience preferred. Salary: $25,000. Please send curriculum vitae and description of research background to: Dr. Eric Stone, Department of Psychology, H. H. Wachsteler Hall, Florida State University, Tallahassee, FL 32306. Telephone: 218-626-5740.

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THE NOMINATIONS

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- Cell Biochemistry In a Fish Model (Neal Cornell)
- Development of Mariculture Methods (Alan Kuzirian)
- Database Development of E. coli Genes and Gene Products
  (Monica Riley)
- Biochemistry of Bioluminescence (Osamu Shimomura)
- National Vibrating Probe Facility (Lionel Jaffe & Peter Smith)
- Calcium Imaging in Living Cells Using the Aequorin Method
  (Andrew Miller & Lionel Jaffe)

Submit a letter of interest and current curriculum vitae to be received by March 1, 1993 to: Human Resources Office, Marine Biological Laboratory, Woods Hole, MA 02543.

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RESEARCH OPPORTUNITIES IN BIOTECHNOLOGY

The Department of Biotechnology Research is seeking applicants for our ongoing program of crop improvement. Pioneer offers competitive salaries, excellent facilities and a highly cooperative research environment. Successful candidates will be expected to interact extensively with ongoing programs in transformation, gene expression, gene isolation or RFLP programs.

RESEARCH ASSOCIATE (JOB #1357) - The successful candidate will be responsible for assisting with the isolation and characterization of genes from maize. EDUCATION/EXPERIENCE: BS degree or equivalent lab experience plus 2 years directly related work experience; or MS degree. Specialized skills in maize genetics and molecular biology needed.

RESEARCH ASSOCIATE (JOB #1362) - This position will be part of an existing group working on gene targeting and site-specific recombination in transgenic plants. The successful candidate must have experience with plant tissue culture and a demonstrated ability to manage large scale experiments. Familiarity with plant cell transformation, transient gene expression assays or DNA analysis would be desirable. EDUCATION/EXPERIENCE: BS degree or equivalent work experience in cell/molecular biology or related field plus 1 or more years directly related lab experience are required.

Applications received by February 15, 1993 will be assured of consideration. However, applications will be considered until the positions are filled.

Pioneer Hi-Bred International, Inc. is an Equal Opportunity employer. Please send TWO (2) sets of resume information for each position you are applying. Indicate in your correspondence the JOB #, and the names, addresses and telephone numbers of three references to:
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Plant Breeding Division
Department of Biotechnology Research
Attn: Jo Ann Jorgensen JOB #
PO Box 38
Johnston, IA 50131-0038

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Recruitment advertising, contact: Janis Crowley, 212-496-7704; in Europe, contact Annemarie Vis, +44 223 424 695 (phone and fax)
April 16 Special Issue

Don't miss this opportunity to advertise in this special issue that explores critical issues affecting female scientists and the companies and universities where they work. Some of the questions examined in this insightful editorial section include:

- Is there a unique female approach to scientific problems? Which disciplines are female and male scientists predominant in? Is there a pattern?
- Does the private sector provide a better environment for female scientists? What programs have companies developed that make a difference? What hasn’t worked?
- Female and male models of professional success in science: what’s the difference?
- Are the issues facing female scientists in the U.S. global, or are the scientific barriers and frustrations different in Europe and Japan?

BONUS DISTRIBUTION
In addition to reaching over 154,000 paid Science subscribers, the "Women in Science" issue will be distributed to:

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Association for Women in Science
Association for Graduate Women in Science

Join the over 80 recruitment advertisers from last year's successful "Women in Science" issue in expressing your institution's commitment to equal opportunity and the advancement of women. Make your space reservation NOW!

Call Janis Crowley at 212-496-7704
to reserve space today!
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Space Reservation Deadline:
30 March 1993
The Board of Trustees of The Gordon Research Conferences invites applications, nominations, and suggestions for the position of Director, the chief executive officer. Gordon Research Conferences, Inc. is a not-for-profit organization currently sponsoring around 150 high level research conferences annually in the areas of the chemical, physical, and biological sciences. The Gordon Research Center is located in Kingston, Rhode Island, on the Campus of the University of Rhode Island. Gordon Research Conferences are held in New Hampshire, California, and most recently in Europe and in the Pacific Basin. The Director maintains very close contacts with these sites through regular travel.

Qualified candidates should hold a degree at the doctoral level, should have a strong background and interest in scientific research, should be experienced in management, negotiation and budgeting, should possess strong interpersonal and communication skills, and should be willing to travel. Salary and benefits are competitive and will be commensurate with experience and responsibilities.

To apply, please forward a curriculum vitae, and a list of references to:

The Search Committee
Gordon Research Center
University of Rhode Island
Kingston, RI 02881-0801
FAX: 401-783-7644

A position description can be obtained by writing to the above address. Review of applications will begin around February 1st, 1993, and will continue until the position is filled. Gordon Research Conferences, Inc. is an equal opportunity, affirmative-action employer.
POSTDOCTORAL POSITION in gene expression to study cis-acting transcriptional regulation of Drosophila melanogaster transgenic flies (see Mol. Cell. Biol. 11, 1901 (1991)) and isolation of transcription factors regulating early and late muscle gene expression. Position is available at the John Hopkins University School of Medicine, Dr. Ph.D. and experience in recombinant DNA methods is desirable. Send curriculum vitae and names of three references to: Dr. Robert V. Stoldt, Department of Biochemistry (MC536), University of Illinois College of Medicine, 1853 West Polk Street, Chicago, IL 60612. UIC is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP. Fellowship is available in the Division of Pediatric Endocrinology at the University of North Carolina at Chapel Hill to conduct research into mechanisms of growth factor action in human and mice. Positions are available immediately. Send curriculum vitae and address of references to: Dr. Joseph E. Pescatore, Department of Pediatrics, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-7220.

POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE. Position available to investigate molecular and cellular mechanisms of birth defects. Studies include analysis of cellular signal transduction mechanisms. Special emphasis placed on investigation of interactions among growth factors, protein kinases and transcription factors in regulating gene expression and cell differentiation during normal and abnormal mammalian embryonic development. Strong background in biochemistry and cell or developmental biology required; expertise in molecular methodologies recommended. Inquiries may be sent to: Dr. Robert M. Greene, Molecular Determinants of Birth Defects Training Program, Jefferson Medical College, Thomas Jefferson University, 1020 Locust Street, Philadelphia, PA 19107. We are committed to a smoke-free environment. Equal Opportunity Employer.

POSTDOCTORAL BIOLOGICIAN. Position available immediately in a laboratory utilizing molecular biological techniques to investigate the role of human papillomavirus and chemical carcinogens in oral carcinogenesis. Send curriculum vitae to: Dr. N. F. Hamer, University of California School of Dentistry, Los Angeles, CA 90024. The University of California is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH POSITION. Available immediately in the area of signal transduction as an extramurally funded career development position. Send curriculum vitae to: Ms. Maria A. Saluja, Department of Pharmacology, University of Texas Health Science Center, San Antonio, TX 78284-7900. The University of Texas Health Science Center at San Antonio is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOW in Molecular Virology and Animal Immunology. The position will be in an environment devoted to understanding the replication of hepatitis B virus and the mechanism of the immune response to this virus. Interested candidates should send curriculum vitae and names of three references to: Dr. Robert G. Webster, Department of Virology and Immunology, St. Jude Children's Research Hospital, 332 N. Lauderdale, Memphis, Tennessee 38101. Telephone: 901/522-0700. FAX: 991/323-2622. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH POSITION. Available immediately to participate in a study of the effects of landscape ecology on population characteristics and ecological process. A Ph.D. in ecology or an equivalent scientific discipline is required. Send curriculum vitae and names of three references to: Dr. David S. Fischer, Department of Biology, Oregon State University, 312 Science Library, Corvallis, OR 97331. Oregon State University is an equal opportunity employer.

AN AFFIRMATIVE ACTION/Equal Opportunity Employer.

POSTDOCTORAL RESEARCH ASSOCIATE. Positions available immediately to study oxidative damage, repair and mutagenesis. One position is to utilize recombinant antibody technology to measure DNA damage in cells. Interdisciplinary, interactive group of research projects. Send curriculum vitae, references, and names of three references to: Dr. Susan Wallace, The University of Vermont, Department of Microbiology and Molecular Genetics, 124 Kemble Hall, Burlington, VT 05405. U.S. citizens or permanent residents preferred. Equal Opportunity/Affirmative Action Employer.

APPLIED ECOLOGIST. FLORIDA INTERNATIONAL UNIVERSITY (FIU). The Environmental Studies Program seeks to hire a tenure-track ASSISTANT PROFESSOR with a Ph.D. in landscape/ecological or conservation biology. Teaching load: 2 undergraduate and 2 graduate courses per year. Applications are invited to: Dr. Robert G. Webster, Department of Virology and Immunology, St. Jude Children's Research Hospital, 332 N. Lauderdale, Memphis, Tennessee 38101. Telephone: 901/522-0700. FAX: 901/323-2622. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH ASSOCIATE. Positions available immediately to study oxidative damage, repair and mutagenesis. One position is to use recombinant antibody technology to measure DNA damage in cells. Interdisciplinary, interactive group of research projects. Send curriculum vitae, references, and names of three references to: Dr. Susan Wallace, The University of Vermont, Department of Microbiology and Molecular Genetics, 124 Kemble Hall, Burlington, VT 05405. U.S. citizens or permanent residents preferred. Equal Opportunity/Affirmative Action Employer.

ASSISTANT RESEARCH MICROBIOLOGIST. Position available immediately in a laboratory investigating mechanisms of bacterial resistance to antibiotics and disinfectants. Send curriculum vitae and names of three references to: Dr. David S. Fischer, Department of Biology, Oregon State University, 312 Science Library, Corvallis, OR 97331. Oregon State University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH POSITION. Available immediately in the area of signal transduction as an extramurally funded career development position. Send curriculum vitae to: Ms. Maria A. Saluja, Department of Pharmacology, University of Texas Health Science Center, San Antonio, TX 78284-7900. The University of Texas Health Science Center at San Antonio is an Equal Opportunity/Affirmative Action Employer.

Large medical venture capital firm seeks experienced SCIENTIST or PHYSICIAN for full-time position. One or two years of research experience after training preferable. Self-reliance and strong communication skills essential. Attractive compensation including both salary and equity in companies you build. Please send curriculum vitae to: Ms. Chris McEwen, Medical Venture Partners, 575 Park Avenue, Suite 1501, New York, NY 10152.
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A sequel to last year’s “Careers in Science” issue, this 62-page special section takes an in-depth look at career opportunities in science. Is industry the new route to success for scientists in the 90’s? In a detailed overview, globalization, the refocusing of R&D, and the need for versatility are among the trends examined to help answer this question.

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IMMUNOLOGY AND NEUROBIOLOGY
GEORGIA STATE UNIVERSITY

The Department of Biology invites applications for two tenure-track positions. Appointments are expected to be made at the level of Assistant Professor; however, appointments at a higher rank will be considered for candidates with appropriate credentials. Appointments will start in September, 1993.

Immunologist: Research interests in cellular and/or genetic approaches, with emphasis on cell-cell interactions, cytokines or lymphokines.

Neurobiologist: Research interests emphasizing cellular, molecular and/or genetic approaches in any one of the following areas: motor systems, functional anatomy or inter- and intracellular communication.

Responsibilities include participation in teaching and research in undergraduate, M.S. and Ph.D. programs. Applicants must have demonstrated research potential through postdoctoral experience and publication record. The salary will be commensurate with experience. Applications, including curriculum vitae, reprints, a statement of research plans and three letters of reference should be sent to Chair, Department of Biology, Georgia State University, P.O. Box 4010, Atlanta, Georgia 30302-4010. Deadline for receipt of application is 15 February, 1993.

RESEARCH SCIENTISTS

Agouron Pharmaceuticals, Inc., a recognized pioneer and leader in rational drug design, is seeking talented Ph.D. scientists with up to five years postdoctoral experience to join its pharmacology group. Individuals enthusiastic about becoming part of our multidisciplinary team will find immediate openings in the following areas:

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Human Resources Dept. ST

Agouron Pharmaceuticals, Inc.
3565 General Atomics Court
San Diego, California 92121

POSTDOCTORAL RESEARCH ASSOCIATE
HORMONAL SIGNALING IN YEAST

Position available to study the molecular basis of insulin induced responses in yeast. (For background, see Lenard, Trends in Biochemical Sciences, 17, 147, 1992). A combination of genetic, biochemical and molecular approaches will be used. Prior experience in yeast genetics or molecular biology would be advantageous. Please send CV with names of references to: John Lenard, Ph.D., Department of Physiology and Biophysics, UMDNJ-Robert Wood Johnson Medical School, 675 Hoes Lane, Piscataway, NJ 08854-5635. UMDNJ, New Jersey's university of the health sciences is an Affirmative Action/Equal Employment Opportunity Employer, m/f/h/v, and a member of the University Health System of New Jersey.
Positions Open

Joint Institute for Laboratory Astrophysics (JILA)

JILA is operated jointly by the National Institute of Standards and Technology (NIST) and the University of Colorado, and is devoted to research and teaching in atomic and molecular physics, chemical physics, laser physics, quantum and nonlinear optics, astrophysics, and space physics. It is seeking new scientists to develop and test high-speed computers, and to work on the physics of stars, galaxies, and the universe. Interested individuals should send a curriculum vitae to: Dr. R. E. Newkirk, JILA, University of Colorado, Boulder, CO 80309-0440.

BioStatistician

To provide information for R&D projects and programs in support of new product development, domestic and international regulatory submissions and in maintenance and growth of existing products by performance analysis and writing statistical summaries of data generated throughout R&D. Position requires a Ph.D. in Biostatistics and 2 years of experience in research activities with statistical analyses and writing statistical summaries of data gained through doctoral school work. An M.S. degree in Biomedical area is a plus. Salary: $45,320 per year. 40 hours per week. Place of employment and interview: Irvine, California. Send this ad and resume to Job # L3J3218, P.O. Box 269065, Sacramento, CA 95826-9065, no later than February 2, 1993.

Computer Scientist

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