CELL AND MOLECULAR BIOLOGIST
WEST VIRGINIA UNIVERSITY (WVU)

The Department of Biology at West Virginia University invites applications for Permanent positions at the ASSISTANT PROFESSOR level, available 16 August 1994. A Ph.D. and a minimum of two years of postdoctoral research experience are required. The Department of Biology is the recipient of a grant from the Howard Hughes Medical Institute to enhance undergraduate education and research in the area of Cell and Molecular Biology. The successful applicant will be expected to study contemporary problems in cellular and molecular biology. The successful applicant will be expected to participate in teaching undergraduate and graduate students and to establish a strong, independent, externally funded research program. Please submit curriculum vitae, a brief description of current and future research interests, a statement of teaching interests, and the names and telephone numbers of five individuals who are willing to provide letters of evaluation to: Biology Search Committee, P.O. Box 6087, Biology Department, West Virginia University, Morgantown, WV 26506. Review of applications will begin on January 3, 1994. WVU is an Equal Opportunity Employer. Women and minorities are strongly encouraged to apply.

ASSISTANT OR ASSOCIATE PROFESSOR
BIOCHEMICAL AND MOLECULAR BIOLOGY

The Department of Biochemistry at the University of Mississippi Medical Center invites applications for a tenure-track position. The department is well equipped and has strong research programs in eukaryotic gene expression, ribosomal RNA, nucleic acid biophysics, enzymology and protein chemistry. The successful applicant is expected to establish or have an independent, high-quality, externally funded research program and to participate in the training of medical, dental and graduate students. Special consideration will be given to candidates in areas that complement current research programs. Send curriculum vitae, an outline of future research plans and the names of three references to: Dr. Mark Olson, Chair, Department of Biochemistry, University of Mississippi Medical Center, 2500 North State Street, Jackson, MS 39216-4505. Equal Opportunity Employer, M/F/D/V.

POPULATION BIOLOGIST
ILLINOIS STATE UNIVERSITY

The Department of Biological Sciences seeks a population biologist for a tenure-track ASSISTANT/ASSOCIATE PROFESSOR position. We especially encourage applications from researchers whose research interests include applying population genetic principles to natural populations. The successful candidate will participate in our ON BIODIVERSITY program, teach at the undergraduate and graduate level, supervise M.S. and Ph.D. students, and establish an externally funded research program. The successful applicant will have an M.S. and Ph.D. in biology, a Ph.D. in population biology or a related field. Send curriculum vitae, statement of research and teaching interests, and three letters of recommendation to: Dr. Charles F. Thompson, Chair, Population Biology Search Committee, Department of Biological Sciences, Illinois State University, Normal, IL 61761-6901. Deadline to assure review of application is 15 January 1994. Illinois State University is an Equal Opportunity/Affirmative Action Employer.

PLANT ECOLOGIST
UNIVERSITY OF TEXAS, AUSTIN

The Department of Botany, University of Texas, invites applications for a tenure-track position in ecology at the ASSISTANT PROFESSOR level, to begin fall 1994. We are particularly interested in applicants whose research is in the area of physiological or community ecology, but will consider individuals in other areas of plant ecology. We are also interested in applicants with experience in conservation biology. The successful applicant will be expected to develop a vigorous research program, obtain external funding, and teach graduate and undergraduate courses. Postdoctoral experience is preferred. Applicants should send curriculum vitae, statement of research interests, the names of three references, and no more than three reprints, to: Dr. Norman Fowler, Ecology Search Committee, Department of Botany, University of Texas, Austin, TX 78713 by December 8, 1993. UT-Austin is an Affirmative Action/Equal Opportunity Employer.
BS/MS Assistant Scientists

Pfizer is a lot more than a pharmaceuticals and healthcare industry leader. It's a group of people dedicated to discovering, developing and marketing innovative pharmaceuticals, animal health and food industry products that improve the quality of life worldwide. As a Fortune 100 company, Pfizer is committed to continuing its remarkable growth by investing close to a billion dollars annually in research and development.

If you have a BS or MS, 2-5 years relevant laboratory experience and strong theoretical knowledge, take advantage of this opportunity to join a multi-disciplinary team in one of the following areas:

**Inflammation**
Evaluate the activity of novel anti-inflammatory agents in vitro and in vivo. Experience in conducting pharmacological experiments in vivo required and expertise in cell culture, blood cell isolation and quantitative antibody-based assays desired.

**Diabetes and Obesity**
This research group is currently seeking four assistant scientists with experience in either Molecular Biology techniques or with in vivo modeling. Research experience in insulin action, carbohydrate metabolism, or mechanisms controlling energy expenditure would be advantageous.

**Molecular Immunology**
Experience in molecular biological techniques, gene transformation, mammalian tissue culture and protein analysis is desired. A research background in immunology is preferred, but not required. Will perform the analysis and development of immune stimulatory compounds as part of our Molecular Immunology research team.

**Cardiovascular**
Study the pathophysiology of cardiovascular disease. Work with isolated tissue preparations and/or cell culture systems. Experience in biochemistry, radioimmunoassay, ligand/receptor binding assays, or molecular biology desirable. Ability to work well in a team environment and summarize/communicate results effectively is required.

**BS/MS Molecular Biologist**
Play a key role in our expanded efforts in applying modern molecular approaches to the identification of new antimicrobial targets and the characterization of current antibiotic resistance mechanisms. Experience using state-of-the-art molecular biology techniques is required, such as DNA isolation and manipulation, gel electrophoresis, nucleic acid and protein blotting.

Our excellent benefits include competitive salaries, health and dental care, paid holidays and vacations, savings, investment and pension plans, and relocation assistance to our attractive Connecticut shore location.

To learn how you can be part of our success, please send your cover letter indicating position of interest, resume and three references to: Ms. Lynn Beaulieu, Employee Resources Associate, Pfizer Inc, Central Research Division, Eastern Point Road, Groton, CT 06340. We are an equal opportunity employer.
POSITIONS OPEN

ASSISTANT PROFESSOR
CELL, MOLECULAR OR DEVELOPMENTAL BIOLOGY

Outstanding candidates with a strong commitment to research and teaching in Graduate and Medical School curricula are sought for tenure-track positions. The successful candidate's research area will be in the broad area of cell, molecular, developmental biology and complement existing research programs. Salary, start-up funds and facilities are nationally competitive. Applicants should send curriculum vitae, a brief description of research plans and 3 letters of recommendation to: Search Committee, Department of Cell Biology and Anatomy, University of Minnesota Health Sciences Center, 3601 4th Street, Lubbock, TX 79430 before 1 January 1994. Equal Opportunity Employer.

ASSISTANT PROFOUNDERS
DEPARTMENT OF PHARMACOLOGY

Three tenure-track positions are available for individuals taking a molecular and/or cellular approach to new problems, including those interested in laying the groundwork for gene therapy. Successful candidates will receive excellent laboratory space and handsome start-up funds in a setting suitable for professional development. Our multidisciplinary departmental graduate programs provide a large pool of graduate students, and appointees will also participate in the PhD advising process. The department is located in a wooded residential area in the outskirts of Atlanta, and has undergone rapid growth in molecular and cellular biological research. Applicants should send curriculum vitae, a research proposal, and three representative reprints, a summary of current research and future plans, and names of at least three references to: R. R. Van der Berg, M.D., Ph.D., Laboratory of Molecular Neuro-oncology, Department of Pathology, Box 214, University of Virginia Health Sciences Center, Charlottesville, VA 22908. The University of Virginia is an Equal Opportunity/Affirmative Action Employer.

CALIFORNIA STATE UNIVERSITY, FULLERTON, DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Invites applications for a full-time, tenure-track faculty position at the ASSISTANT PROFESSOR rank in biochemistry. A Ph.D. in biochemistry is required with a stated interest in teaching undergraduates and Master's level students. The department has programs in biochemistry, biophysics, and food science. Successful candidates will receive loads commensurate with the Ph.D. and/or M.S. degree. An A.S. or B.S. degree in biology is required. Send application, curriculum vitae, names and addresses of three references, and a statement of teaching philosophy to: Dr. Bruce Weber, Department of Chemistry and Biochemistry, CSU, Fullerton, Fullerton, CA 92634. AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER. Women and minority candidates are encouraged to apply.

ASSISTANT PROFESSOR OF MICROBIOLOGY
(tenure-track). Teaching includes an introductory course in microbiology, microbial physiology or course in area of expertise and a graduate course. Vigorous research program, an aggressive approach of extramural support, and supervision of graduate students required. Ph.D. and postdoctoral or comparable experience required; teaching experience highly desired. Send curriculum vitae, statement of research goals, and three letters of recommendation to: Microbiology Search Committee, Ohio State University, Biological Sciences Building, 311 West 12th Avenue, Columbus, OH 43210

ASSISTANT OR ASSOCIATE PROFESSOR OF HUMAN NUTRITION OR NUTRITION EDUCATION

The Department of Human Nutrition at the University of Maine invites applications for a tenure-track assistant or associate professor position in human nutrition to begin fall 1994. The position will be at the ASSISTANT PROFESSOR level. Candidates who have completed training in analytical chemistry are particularly encouraged to apply. The successful candidate will have the Ph.D. degree and will be expected to develop excellence in teaching and research in analytical chemistry. Salary is competitive. Send a detailed resume, the names of three or more references, and a statement of teaching abilities by December 1, 1993, to: Professor Max O. Funk, Jr., Department of Chemistry, University of Toledo, 2801 West Bancroft Street, Toledo, OH 43606. Review of applications will begin on December 1, 1993, and continue until the position is filled.

BIOCHEMISTRY FACULTY POSITION. The Department of Chemistry at Kennesaw State College invites applications and nominations for a full-time position in biochemistry to begin fall 1994. The position will be at the ASSISTANT PROFESSOR level. Candidates who have completed training in analytical chemistry are particularly encouraged to apply. The successful candidate will have the Ph.D. degree and will be expected to develop excellence in teaching and research in analytical chemistry. Salary is competitive. Send a detailed resume, the names of three or more references, and a statement of teaching abilities by December 1, 1993, and continue until the position is filled. The University of Toledo is an Equal Opportunity/Affirmative Action Employer. Applications from underrepresented minority candidates are especially encouraged.

POSITIONS OPEN

FACULTY POSITION—ASSISTANT PROFESSOR IN COMPUTATIONAL CHEMISTRY, CHEMISTRY DEPARTMENT, UNIVERSITY OF WASHINGTON. Expected excellence in one of the following fields will be an asset: quantum chemistry, (bio)molecular modeling, theory of solution chemistry, or computational facilities. Opportunities for interactions with Quebec pharmaceutical industry. Expected to teach in French after one year. Position available on January 1, 1994; other dates accepted. Submit curriculum vitae, a research proposal, and names of three referees, as soon as possible: Chairman, Chemistry, Universite de Montreal, H3C 317, Canada. UdeM is an Equal Opportunity Employer and encourages applications from women. In accordance with Canadian immigration laws, this advertisement is addressed in the first instance to citizens and permanent residents of Canada.

RESEARCH ASSISTANT PROFESSOR—Collaborate with NIH-funded studies of humoral growth factor(s) in hyperplasia/thickened arterial walls [see Circ. Res. 62, 1001 (1988), and 71, 1143 (1992); and FASEB J. 7, A548 (1993)]. Applicant should have Ph.D., preferably in cell biology (would also consider Ph.D. in biochemistry or pharmacology with major cell biology experience), and postdoctoral training. Extensive experience with cell culture necessary, preferably primary cultures of human and/or experimental cells. Some experience in molecular biology desirable. Beginning salary up to $40,000. Send curriculum vitae by January 1, 1994, to: Dr. John B. Blanding, M.D., Ph.D., Departments of Medicine and Physiology, West Virginia University Medical Center, Morgantown, WV 26505—9157. Equal Employment Opportunity/Affirmative Action Employer.

FACULTY POSITION

The Department of Medical Microbiology and Immunology at the University of Medicine-Missouri invites applications for a tenure-track (12-month) position at the rank of ASSISTANT, ASSOCIATE or FULL PROFESSOR in the areas of microbial (including plant) and/or mammalian (including M.D.) degree with solid training, research experiences and interests in molecular immunology and/or the molecular basis of mycotic or bacterial pathogens. The successful candidates will be expected to develop and maintain strong independent research in the field of molecular immunology, mycology or bacteriology and to participate in teaching medical and graduate students. Start date for this position is negotiable. Applicants should send curriculum vitae, a brief outline of current and future research plans and the names of three references to: Dr. Edward Baldassano, Ph.D., Professor, Department of Medical Microbiology and Immunology, Division of Division of Medical Affairs, The University of Missouri School of Medicine, 1500 University Avenue, Madison, WI 53792. Missouri is an Equal Opportunity/Affirmative Action Equal Employment Opportunity Employer.

FACULTY POSITION IN NATURAL RESOURCE ECONOMICS

The Rosenstiel School of Marine and Atmospheric Science (RSMAS) of the University of Miami seeks a tenure-track ASSISTANT OR ASSOCIATE PROFESSOR in the Division of Marine Affairs for the fall 1994. The faculty member will hold a joint appointment in the University of Miami's Department of Economics. The successful candidate must be specialized in natural resource or marine economics, teach at the graduate and undergraduate levels, and have experience in research and teaching in one or both areas. The successful candidate will be expected to develop and maintain his or her own independent research program. Position open August 1, 1994. Applications should be submitted before January 2, 1994. Salary is competitive and based on experience and qualifications. See the Miami Herald, 19 December 1993, p. A-25. For more information please contact: Dr. Michael S. Learning, School of Marine and Atmospheric Science, 4600 Rickenbacker Causeway, Miami, FL 33149. The University of Miami is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

The Department of Pharmacology, Baylor College of Medicine, invites applications for a full-time, tenure-track position at the ASSISTANT PROFESSOR or ASSOCIATE PROFESSOR position. The candidate should have a Ph.D. and/or M.D., postdoctoral experience and a commitment to excellence in research and teaching. Evidence of scientific accomplishment and success in attaining extramural funding is essential. Salary is competitive, and based on experience and qualifications. Candidates should send curriculum vitae and a list of three references to: Lynn G. Teoman, Ph.D., Faculty Search Committee, Department of Pharmacology, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030. BCM is an Affirmative Action/Equal Opportunity Employer.

BIOCHEMISTRY/BIOLOGICAL FACULTY POSITION

The Department of Chemistry at the University of Toledo invites applications and nominations for a tenure-track faculty position in the field of biological chemistry broadly defined. While the position is open to candidates at the ASSISTANT PROFESSOR level, applications from candidates for appointment at advanced rank will also be accepted. An outstanding record of achievement in research and teaching will be a clear indicator of suitability for instruction in chemistry at all levels will be required. Each applicant should send a detailed résumé, the names of three or more references, letters of recommendation, a statement of current and planned research plans to: Professor Max O. Funk, Jr., Department of Chemistry, University of Toledo, 2801 West Bancroft Street, Toledo, OH 43606. Review of applications will begin on December 1, 1993, and continue until the post is filled. The University of Toledo is an Equal Opportunity/Affirmative Action Employer. Applications from underrepresented minority candidates are especially encouraged.
MOLECULAR VIROLOGY

The Division of Molecular Virology at Baylor College of Medicine invites applications for a tenure-track faculty position. Rank is open. An established research program is desirable. Of special interest are topics on viral pathogenesis and molecular biology of viral replication. Applicants should have a Ph.D. or M.D./Ph.D., postdoctoral experience in virology, and demonstrated research productivity. Applicants are expected to pursue an independent research program and participate in graduate training. Faculty activities focus on viral replication, gene expression, pathogenesis, oncogenes, and disease prevention. This is an excellent opportunity to join an active department with newly renovated laboratories. Send CV, names/addresses of at least 3 references, statement of current research activities and future plans by Dec. 15, 1993, to: Dr. Mary Estes, Recruitment Committee, Division of Molecular Virology, Baylor College of Medicine, Houston, TX 77030.

An EO/AA employer.

SMITHKLINE BEECHAM PHARMACEUTICALS

CHALLENGING THE NATURAL LIMITS.

MOLECULAR GENETICS

SmithKline Beecham Pharmaceuticals, a worldwide leader in pharmaceutical research, has three challenging opportunities for Scientists with Molecular Genetic expertise to join the staff of the Department of Molecular Genetics.

Ph.D. Scientist - Molecular Hematologist

As an Associate Senior Investigator, the successful candidate will have responsibility for the new and ongoing research initiatives in collaboration with a multidisciplinary/multinational program team investigating natural and synthetic hematopoietic modulatory agents/cytokines and their application to the development of novel therapeutics.

Qualified candidates will have a Ph.D. or M.D. in a biological science with expertise in experimental hematology, molecular techniques and 2-5 years postdoctoral experience. Experience at the cellular and molecular levels with in vitro systems investigating differentiation of hematopoietic (stromal) cells or a research background in the analysis of hematopoietic cytokines/chemokines is preferred. Outstanding applicants with broader backgrounds in aspects of molecular/cellular biology relevant to hematopoiesis will also be considered. Refer to Job #H0238.

B.S./M.S. Scientist - Molecular Hematologist

As an Associate Research Scientist, the successful candidate must have proven experience in RNA/DNA methodologies including recombinant DNA techniques. Proficiency in animal cell culture and transfection procedures is essential. A Bachelor’s degree with 2-3 years experience or a Master’s degree with 1-2 years experience is required. Refer to Job # CH01.

Postdoctoral Scientist - Molecular Immunology

As a Postdoctoral Scientist in the area of molecular immunology, the selected candidate will join a research team studying the molecular interactions at the cell surface involved in T-cell activation, anergy, and apoptosis and the pathways of consequent signal transduction with a focus on inhibiting T-cell function. The research project will involve functional analysis of certain T-cell proteins through the coupling of mutagenesis with cell-based assays and the identification of novel proteins associated with selected T-cell subtypes.

Candidates should have a Ph.D. in Molecular Biology, Immunology, or related disciplines. Additional qualifications include a strong background in immunology and recombinant DNA technology, publications in peer-reviewed journals, good communication skills, and a desire to work within a multi-disciplinary research team. Refer to Job # H0320.

Our state-of-the-art research facility is located in suburban Philadelphia. We offer a competitive compensation/benefits package, as well as a stimulating work environment in which to grow and excel. For confidential consideration, please send your resume, indicating job number to: SmithKline Beecham Pharmaceuticals, Employment Administrator, PO Box 1539, King of Prussia, PA 19406-0939. We are an Equal Opportunity Employer, M/F/D/V.

SMITHKLINE BEECHAM
Pharmaceuticals
Challenging the natural limits.
POSITIONS OPEN

THE AMERICAN UNIVERSITY IN CAIRO

FACTORIES INCUBATOR IN SCIENCE

Applications are invited for faculty openings in Science at the ASSISTANT, ASSOCIATE, or FULL PROFESSOR level. Two physical or biological scientists with a background and interest in history and/or philosophy of science will teach in, as English as the teaching load, and general education. The successful candidate will be expected to teach courses in the philosophy of science. Dartmouth College is an Equal Opportunity Employer with an Affirmative Action Plan. Women and members of minority groups are encouraged to apply. Send a letter of application and arrange for at least three letters of recommendation by December 15, 1993 to: Chair, Physiological Psychology, Department of Psychology, Dartmouth College, Hanover, NH 03755-3459.

CELL PHYSIOLOGIST: ASSISTANT PROFESSOR OF Biology to teach introductory and upper-division courses including an upper-level course in cell physiology; to participate occasionally in the College's first-year interdisciplinary program; to direct the research of undergraduate students; and to establish an active personal research program. Required: Ph.D. in cell biology, familiarity with cell biology courses, and interest in and commitment to the liberal arts environment. Prefer postdoctoral experience and/or some background in cell physiology. Send applications and letters of recommendation to: F. L. Downs, Department of Biology, The College of Wooster, Wooster, OH 44691, no later than 15 December 1993. The College is an independent liberal arts institution dedicated to excellence in undergraduate education. We wish to ensure that the search identifies qualified candidates who are women or members of minorities. Applicants belonging to these groups are encouraged to identify themselves if they wish. Affirmative Action/Equal Opportunity Employer.

MOLECULAR EVOLUTION DEPARTMENT OF BIOLOGY UNIVERSITY OF UTAH

The Biology Department invites applications for a tenure-track position at the assistant professor level in molecular evolution. While the available position is at the level of ASSISTANT PROFESSOR, more senior applicants will also be considered. The Department is prepared to conduct a vigorous research program in some aspect of molecular evolution (such as DNA-based taxonomy, evolution of molecular structure or use of molecular markers to examine evolution), and is willing to consider any area of research related to this topic. The Department seeks someone with expertise in both evolutionary process and molecular biology/computer intensive technology. The Department expects this person to help span the entire spectrum of biological research. We seek a colleague who can interact broadly across this community. We seek candidates with strong commitments to both teaching and research. Successful candidates will be expected to contribute to undergraduate courses in biology and to develop advanced offerings in molecular evolution. Interested applicants should submit curriculum vitae, a statement of research interests and copies of recent, representative publications to: MOLECULAR EVOLUTION SEARCH COMMITTEE, Department of Biology, 201 South Biology, University of Utah, Salt Lake City, UT 84112. Review of applications will begin December 1, 1993, and will continue until this appointment is filled.

The University of Utah is an Affirmative Action/Equal Opportunity Employer. It encourages applications from women and minorities and prohibits discrimination to the known disabilities of applicants and employees.

Biology: The University of Tennessee--Chattanooga, beginning August 1, 1994. Two ASSISTANT PROFESSOR positions (Full-time, Tenure-track). Comparative Vertebrate Zoology. Responsibilities include lectures and laboratories in Comparative Vertebrate Zoology, Human Anatomy, and Physiology, and Introductory Biology. Responsibilities include lectures and laboratories in Introductory Zoology. Opportunities may exist for candidates to develop courses in their specialty. Admissions are expected to demonstrate excellence in college or university teaching. Send curriculum vitae, transcripts, and three current references to: Dr. Charles H. Nelson, Head, Department of Biological and Environmental Sciences, 615 McClamie Avenue, The University of Tennessee at Chattanooga, Chattanooga, TN 37403-4004 (preferred). Applications will be accepted on November 17, 1993, and will continue until the positions are filled. The University of Tennessee at Chattanooga is an Equal Opportunity/Affirmative Action/Tide/Section 504/ADA Institution.

MOLECULAR CELL BIOLOGIST ILLINOIS STATE UNIVERSITY

The Department of Biological Sciences seeks a MOLECULAR CELL BIOLOGIST for a tenure-track ASSISTANT/ASSOCIATE PROFESSOR position. Applicants should be able to maintain an independent, extramarily funded research program utilizing molecular approaches to cellular processes. Ability to teach cell biology and cell physiology, and direct M.S. and Ph.D. candidates. Applications should include three letters of recommendation to: Chair, Search Committee, Department of Biological Sciences, Illinois State University, Normal, IL 61790-4120 by January 15, 1994. Illinois State University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR: Tenure-track position for NMR spectroscopist with research interests in applying NMR to biochemical problems. The successful candidate will work on a project using an NMR machine (Varian VXR 500S and will be expected to pursue independently funded research. Applicants should have experience with NMR spectroscopy, and should submit curriculum vitae, summary of research interests, and three letters of recommendation to: NMR spectroscopy, Department of Chemistry, University of Kentucky Medical Center, Lexington, KY 40536-0084. An Equal Opportunity/Affirmative Action Employer.
Aquaculture

The Department of Biology at the University of Massachusetts Dartmouth (UMassD) invites nominations and applications for a tenure-track faculty position in Aquaculture. UMassD is one of the five campuses of the University of Massachusetts system and is located within a few minutes of Buzzards Bay. Enrolling approximately 5,200 undergraduates and 400 graduate students, the University is in the process of completing the design/development phase for a Marine Sciences Laboratory in nearby New Bedford, adjacent to which is an existing facility that is being acquired to support aquatic research. The University is the designated administrative home of the Northeastern Regional Aquaculture Center of the USDA by an act of Congress and receives annual federal funding for its operations.

Candidates should have a solid technical knowledge of and indicators of successful experience in aquaculture research and teaching. Minimum qualifications include:

- a doctorate in a relevant discipline,
- a strong, continuing record of published scientific achievement.

The successful candidate will be expected to teach aquaculture at the undergraduate and graduate levels and to initiate and sustain an active, funded research program.

Candidates with contemporary skills supporting the application of molecular biology, genetics, and/or epidemiology to aquacultural problems of shellfish are preferred. In addition, the successful candidate should be able to communicate well with industry, academic, and government representatives in aquaculture.

Rank and salary are competitive and will be determined by the successful candidate’s qualifications and experience. Additional compensation may be realized through grant-supported summer salary. Benefits include a selection of health care and dental plans and a state-wide retirement plan.

Applications should contain a statement of interest, which includes a description of particular individual strengths, a current Curriculum Vitae, and the names, addresses, titles, and phone numbers of references. Review of applications will begin 3 January 1994 and continue until an appointment is made. Effective date of appointment will be 1 July, but is negotiable to accommodate the commitments of the successful candidate.

All communications regarding this position should be addressed to: Dr. Donald S. Douglas, Chair, Search & Screen Committee, Aquaculture Faculty Search, Department of Biology, University of Massachusetts Dartmouth, North Dartmouth, MA 02747-2300, Phone: 508/999-8219, FAX: 508/999-8901.

The University of Massachusetts Dartmouth is an affirmative action and equal opportunity employer.

OREGON RESTORATIVE DENTISTRY

ENDOWED PROFESSORSHIP - full-time tenure-track position available July 1, 1994. A dental degree, some administrative experience, and strong clinical background are essential. Evidence of current funded research is preferred. The department is responsible for undergraduate dental instruction, research, and participation in continuing education. Intramural practice is available and encouraged. Position will be filled at rank commensurate with background and experience. OHSU is an EEO employer. Applications will be accepted until the position is filled. Please see Oregon curriculum vitae and letter of interest to: Dr. George R. Riviere, Department of Pediatric Dentistry, Oregon Health Sciences University, School of Dentistry, 611 S.W. Campus Drive, Portland, OR 97201-3097.

OREGON - FIXED PROSTHODONTICS

CHAIR - full-time tenure or tenure track position available July 1, 1994. A dental degree, some administrative experience, and strong clinical background are essential. Evidence of current funded research is preferred. The department is responsible for undergraduate dental instruction, research, and participation in continuing education. Intramural practice is available and encouraged. Position will be filled at rank commensurate with background and experience. OHSU is an EEO employer. Applications will be accepted until the position is filled. Send resume to: Dr. George R. Riviere, Department of Pediatric Dentistry, Oregon Health Sciences University, 611 S.W. Campus Drive, Portland, OR 97201-3097.

OREGON - REMOVABLE PROSTHODONTICS

Full-time tenure or tenure track position available July 1, 1994. A dental degree and some administrative experience, and strong clinical background are essential. Evidence of current funded research is preferred. The department is responsible for undergraduate dental instruction, research, and participation in continuing education. Intramural practice is available and encouraged. Position will be filled at rank commensurate with background and experience. OHSU is an EEO employer. Applications will be accepted until the position is filled. Send resume to: Dr. George R. Riviere, Department of Pediatric Dentistry, Oregon Health Sciences University, School of Dentistry, 611 S.W. Campus Drive, Portland, Oregon 97201-3097.
SAINT FRANCIS COLLEGE
ASSISTANCE PROFESSOR OF BIOLOGY
(MICROBIOLOGY/BOTANIST)

Saint Francis College seeks candidates for an assistant professor, tenure-track appointment in the biology department for the 1994-1995 academic year. Responsibilities include teaching clinical microbiology, general microbiology, and botany. In addition, the applicant should have an interest in teaching biochemistry, immunology and 100-level biology courses offered as part of the college’s core curriculum. Ability and interest to develop and supervise undergraduate research is expected.

Saint Francis College, founded in 1847, is a private, liberal arts institution, Catholic in character and tradition and sponsored by the Franciscan Friars. The College’s beautiful 600-acre campus is located about sixty-five miles east of Pittsburgh in the Allegheny Mountains of central Pennsylvania and provides an excellent learning environment for over 2000 undergraduate and graduate students.

Ph.D. required; demonstrated commitment to teaching excellence; willingness to participate in department and college governance; scholarship and service involvement will be expected.

A letter of application, c.v., and name/address/phone number of three references to:

Biology Department Search Committee
c/o Director of Personnel Services
Saint Francis College
Loretto, PA 15940

Screening begins February 1, 1994. EOE/AA. Minorities and women are especially encouraged to apply.

Universität Potsdam
Deutsches Institut für Ernährungsforschung
Potsdam-Rehbrücke (DIfE)

The "Deutsches Institut für Ernährungsforschung Potsdam-Rehbrücke" - a foundation funded by the State Brandenburg and the Federal Government (Blauer Liste) - will appoint a professor (C3) together with the Universität Potsdam for the following research area: Gastrointestinal Microbiology

Applicants should have knowledge in the areas of taxonomy and physiology of microorganisms and be able to develop a strong research program dealing with the problem of colonisation of the gastrointestinal tract with microorganisms including molecular methods. The Institute has long-standing experience with gnotobiology.

The professor will be delegated from the University to the DIfE in order to lead a research group at the DIfE. There will be a teaching obligation (2 hours/week) at the University. The University and the DIfE will jointly organize the curriculum of "Human Nutrition".

The University and the DIfE aim to raise the percentage of female scientists and encourage applications of women researchers, handicapped scientists will be taken into consideration by preference in case of comparable qualification.

Researchers holding the "Habilitation" degree or similar qualification are requested to submit two sets of curriculum vitae and list of publications within 8 weeks after the appearance of this advertisement to:

Gründungsrektor der Universität Potsdam
Am Neuen Palais 10, D-14489 Potsdam, Germany

Principal Scientists

IOLAB Corporation, a Johnson & Johnson Company and leader in ophthalmic research and development, is currently expanding its operations in the area of ocular pharmacology. We are seeking superior candidates for the position of Ocular Pharmacologist to work in our Pharmacology/Toxicology facility, located in Southern California.

Under the supervision of the Director of Pharmacology/Toxicology, you will be responsible for research activities in the Glaucoma Ocular Pharmacology Program. This will include the development of model systems and assays to test anti-glaucoma compounds.

This position requires a Ph.D. in Pharmacology, Immunology or related field, with a minimum of 3 years pharmacology experience in industry. Ocular pharmacology experience is preferred, but cardiovascular, central nervous system, or immunopharmacology is acceptable. Candidates must possess strong written and verbal presentation skills for internal and external dissemination of scientific data.

We are an equal opportunity employer and take pride in our commitment to diversity in staffing. We encourage women, minorities, veterans and disabled individuals to apply. For consideration, submit your resume to: Human Resources, IOLAB Corporation, 500 Iolab Drive, Claremont, CA 91711.

Chair Biology

Georgia Southern University invites applications for the position of Chair in the Department of Biology. This 12-month, tenure-track position at the rank of Associate or Full Professor starts July 1, 1994.

We seek a dynamic individual with the following qualifications:
- proven administrative ability
- demonstrated leadership and organizational skills
- effective interpersonal skills
- strong teaching credentials
- Ph.D. or Sc.D. at the time of application with proven record of research

The Biology Department is a rapidly growing department with a strong commitment to teaching and research excellence. There are currently 22 faculty, including a Callaway Chair of Research, 30 M.S. degree students, and 650 undergraduate majors. The GSU Botanical Garden, the Institution of Entomology and Parasitology, the Smithsonian Institution’s National Tick Collection, and the GSU Herbarium are located on campus and are affiliated with the department.

Georgia Southern University, a unit of the University System of Georgia, is located in Statesboro, a community of approximately 30,000 residents. The 601-acre campus lies 200 miles southeast of Atlanta and 50 miles northwest of historic Savannah within easy driving distance of beaches, islands, and resorts of Georgia and South Carolina. The enrollment of over 14,000 reflects a 115% enrollment growth since 1984, resulting in the addition of over 200 faculty positions. The university offers 25 undergraduate degrees in 75 major fields of study, 13 master’s degrees in 49 fields, the Education Specialist degree, and the Ed. D. in Educational Administration. Georgia Southern offers selected graduate programs in Savannah in affiliation with Armstrong State and Savannah State Colleges.

Send a letter of application addressing job description, a curriculum vitae, and three letters of reference to Dr. B. W. Ponder, Chair Biology Search Committee, Landrum Box 81142, Georgia Southern University, Statesboro, GA, 30460-8142, FAX (912-681-5346). To ensure consideration for the position all materials must be postmarked by Dec. 20, 1993. The names of applicants and nominees, curriculum vitae, and other general non-evaluative information are subject to public inspection under the Georgia Open Records Act. Georgia Southern is an Equal Opportunity/Affirmative Action Institution. Persons who need accommodations in the application process under the American with Disabilities Act should notify the search chair. SEARCH # 27372.
# Cardiovascular Disease

COR Therapeutics, Inc. is a publicly held biopharmaceutical company located in the San Francisco Bay Area. We specialize in the discovery and development of novel therapeutics for the treatment of various aspects of cardiovascular disease. COR is actively recruiting two highly qualified Scientific Directors with proven track records to join our multidisciplinary research teams.

## Director Cardiovascular Pharmacology

This position will have the opportunity to direct an established research facility which interacts extensively with ongoing research programs. The Director will be responsible for determining the in vivo pharmacology and therapeutic potential of new agents designed for the treatment of thrombosis, restenosis and cardiovascular-associated inflammation.

The successful candidate will have 7-10 years of experience in the development and characterization of cardiovascular models, preferably within a pharmaceutical or biotechnology company, and a Ph.D., M.D. or D.V.M. with training in Pharmacology, Physiology or related field. Candidates should have a proven track record in the pharmacological evaluation of therapeutics in a cardiovascular disease area as demonstrated through publications and/or product development. Candidates should also have outstanding interpersonal skills and the ability to lead an interdisciplinary research team. (Job Code R14-93-S)

## Director Natural Products Chemistry

This position will have the opportunity to establish and direct a new Natural Products Chemistry facility at COR. The Director will interact extensively with ongoing research programs and will be responsible for purification and structural determination of novel compounds. The Natural Products Chemistry facility will also provide structural analytical determinations for Medicinal Chemistry.

The successful candidate will have a Ph.D. in Chemistry or related field with 7-10 years of experience in a pharmaceutical or biotechnology company focused on the isolation, characterization and evaluation of compounds from a variety of naturally occurring sources. Candidates should have a proven track record in the discovery and characterization of naturally occurring compounds. (Job Code R13-93-S)

COR Therapeutics, Inc. offers competitive salaries, benefits and attractive equity positions to its employees combined with the challenge and opportunity to make significant research contributions. To apply, please send curriculum vitae to: COR Therapeutics, Inc., Human Resources, 256 East Grand Avenue, South San Francisco, CA 94080. Please reference Job Code in correspondence. COR is an Equal Opportunity Employer.
Assistant/Associate Professor of Kinesiology—Physical Therapy (tenure-track). Duties include independent research and teaching in an area of expertise. Doctorate and eligibility for Wisconsin physical therapy licensure required. Letter of application, curriculum vitae, copies of 3 published articles, names and addresses of 3 references to: Dr. Barbara J. Morgan, University of Wisconsin, 1087 MSC, 1300 University Station, UW–Madison, WI 53706-1300 by December 15, 1993. Information about confidentiality of applicant names available on request. Applications encouraged from women, minorities, persons with disabilities.

Assistant Professor of Biology—Molecular Biology

The Department of Biological Chemistry, College of Medicine, University of California, Irvine, invites applications for a tenure-track appointment at the assistant professor level. Individuals with research experience and interests in any area of molecular biology (cellular and molecular processing and its control, structural biology, and developmental processes) are particularly encouraged to apply. Faculty members are expected to develop strong, independent research programs and to participate in the teaching of medical students and graduate students in a campus-wide joint graduate program in molecular biology.

Assistant Professor—Physical Therapy

The College of Veterinary Medicine at the University of California, Davis, invites applications for a tenure-track appointment at the assistant professor level in the area of animal parasitology. This position will be in the Department of Veterinary Pathobiology, with joint appointments in the Department of Microbiology and the Animal Health Diagnostic Laboratory. Responsibilities include teaching duties within the veterinary curriculum, providing externally funded research program, and supervisory and consultative diagnostic services. A D.V.M. or Ph.D. is required. Both domestic and international postdoctoral experience, in particular, are desirable. A review of applications will begin November 15, 1993. To apply, submit curriculum vitae and an outline of planned research to: Chairperson, Parasitology Search Committee, College of Veterinary Medicine, University of California, Davis, California 95616. Applications must be received by December 15, 1993.

Assistant Professor of Physical Therapy

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The Center for Computational Sciences (CCS) at the Oak Ridge National Laboratory (ORNL), a recognized leader in multidisciplinary research and development, is seeking a Computational Scientist for the development and implementation of computational methods on massively parallel computer architectures to help solve environmental problems of critical importance to industry. The position is part of a multidisciplinary team of national laboratory and university collaborators working on the "Grand Challenges" related to environmental areas such as groundwater remediation and global change.

The successful applicant will be able to work with scientists, programmers, and vendors to create effective implementations of existing codes on state-of-the-art parallel supercomputers employing new hardware and software. Where existing codes are inadequate, the researcher will be encouraged to develop innovative algorithms and software tools to simulate environmental systems. The CCS currently houses a Kendall Square Research computer and two Intel Paragons.

The position requires a PhD (or MS and equivalent combination of education and experience) in a quantitative science (computer science, math, engineering, physics, hydrology, or geochemistry). Application programming experience on massively parallel processors and FORTRAN programming proficiency are required. Familiarity with C and UNIX or OSF/1 based computers is desired, along with experience in development and use of visualization software and spatial analysis. Demonstrated interpersonal skills, oral and written communication skills and strong personal motivation are essential.

ORNL is a multi-purpose research facility managed by Martin Marietta Energy Systems for the US Department of Energy. ORNL offers a competitive compensation and benefits package, including relocation. For immediate consideration, send your resume to: J.K. Johnson, Oak Ridge National Laboratory, Dept. SCI, P.O. Box 2008, Oak Ridge, TN 37851-6216.

ORNL is an equal opportunity employer committed to building and maintaining a diverse workforce.

Yale University School of Medicine

CHAIR, DEPARTMENT OF EPIDEMIOLOGY AND PUBLIC HEALTH

ASSOCIATE DEAN FOR PUBLIC HEALTH

The Yale University School of Medicine seeks candidates for chair of its Department of Epidemiology and Public Health and Associate Dean for Public Health. A fully accredited school of public health, the department enrolls approximately 60-70 MPH and 15-20 Dr. Ph. and Ph.D. degree candidates annually and has 46 full-time faculty in seven divisions: biostatistics, chronic disease epidemiology; environmental health sciences; health policy, resources and administration; infectious disease epidemiology; microbiology and international health. An integral part of Yale University, the department has established interdisciplinary programs with the schools of medicine, nursing, forestry, and environmental sciences. Candidates should possess an M.D., Ph.D., or Dr. Ph. degree, demonstrable leadership abilities and a substantial record of scholarly achievement. Deadline for applications is December 15, 1993. Nominations and applications including curriculum vitae and names and addresses of three references should be sent to:

Gerard N. Burrow, M.D., Dean
Yale University School of Medicine
P.O. Box 209055
New Haven, CT 06520-8055

Yale University School of Medicine is an equal opportunity/affirmative action employer.

RPI, a leader in the development of ribozyme-based pharmaceutical and agricultural products, has established a multidisciplinary team of creative scientists in a new facility in Boulder, CO. We are seeking qualified applicants to join our efforts to deliver functional ribozymes by gene therapy. Our proprietary technology provides the exciting opportunity to explore how to deliver and maintain appropriate expression levels of small, structurally defined and catalytically active RNA molecules. Three positions are available immediately.

Senior Scientist with 4+ years postdoctoral experience relating to DNA delivery in mammalian systems. Expertise in viral vectors and/or control of RNA expression and stability is preferred. A successful candidate will have demonstrated management experience of laboratory teams.

Ph.D. Scientists with 2+ years postdoctoral experience relating to DNA delivery in mammalian systems. Expertise in viral vectors and/or control of RNA expression and stability is preferred.

B.Sc./M.Sc. Scientists with experience in recombinant DNA techniques, quantitation of RNA expression levels, DNA sequencing, and DNA transfection of mammalian cells.

We offer a competitive salary and benefits package, including a stock option plan. For consideration, please send a Curriculum Vitae and the names of three references to: Dr. Joseph Marr, Vice-President, Research and Development, Ribozyme Pharmaceuticals, Inc., 2950 Wilderness Place, Boulder, CO 80301, FAX (303)449-6995. We are an Equal Opportunity Employer.
DIRECTOR, PROTEIN NMR DATABASE—UNIVERSITY OF WISCONSIN-MADISON: Academic Staff Position, non-tenure, for lead position in BioMagResBank project. Requirements: Ph.D. degree, expertise in experimental, and computer aspects of protein NMR, working knowledge of NMR software packages and computer languages, proven research experience in the analysis of protein NMR data. Salary: $45,000 - $60,000 per year. Send curriculum vitae, statement of research interests, and the names and addresses of three references, by November 30, 1993, to: NMR Center, Room 427, 1200 Johnson Street, Biochemistry Department, 420 Henry Mall, Madison, WI 53706. The University of Wisconsin is an Equal Opportunity/Affirmative Action Institution committed to cultural diversity.

CHAIRPERSON AND PROFESSOR. The East Carolina University School of Medicine invites nominations and applications for the position of Professor and Chairperson of the Department of Physiology. The candidate should possess a distinguished record in teaching and research in physiology or related discipline, proven skills in leadership, and experience in administration. Applicants should have an M.D. or Ph.D. degree. Salary and rank commensurate with the candidate's qualifications. Applications from minority candidates are especially encouraged. Nominations and applications should be submitted to: Alvin Volkman, M.D., D.Phil., Chairman; Physician Search Committee; East Carolina University School of Medicine; Greenville, NC 27858-4354. Closing date: January 31, 1994. East Carolina University is an Equal Opportunity/Affirmative Action Employer. Federal law requires proper documentation of identity and employability prior to final consideration for this position.

CHAIR
Department of Biological Sciences
University of Maryland Baltimore County

The Department of Biological Sciences is seeking a distinguished scientist with a vigorous research program to serve as Professor and Chair. The Department, committed to excellence in research and in graduate and undergraduate education, includes 22 faculty members, 56 doctoral students, 28 Master's students, and approximately 400 undergraduate majors. The Ph.D. degree is offered in Molecular and Cellular Biology, Biological Sciences, and Environmental Sciences, and an M.S. degree is offered in Applied Molecular Biology. Research is active in a wide range of fields, including research in cellular and molecular biology to organismic biology and environmental sciences. Please send curriculum vitae, statement of research interests, and the names and addresses of at least three references to: Dr. S. Ostro-Harewood, Chair, Search Committee, Department of Biological Sciences, UMBC, Baltimore, MD 21228-5398. UMBC is an Equal Employment Opportunity/Advancement Employer.

CARDIAC MOLECULAR BIOLOGY/BIOCHEMISTRY
RESEARCH FACULTY POSITION
Cardiac Surgery Research Laboratory
Department of Surgery
Duke University Medical Center

The Department of Surgery at Duke University Medical Center seeks well-qualified applicants with a background in cardiac molecular biology and biochemistry to direct a laboratory in the Division of Cardiac Surgery. Candidates must have completed 3 to 5 years of relevant postdoctoral experience and to be prepared to conduct an independent program of molecular cardiac research. The position includes an academic appointment in the Department of Surgery and would involve opportunities to participate in teaching as well as opportunities to act as a research mentor to medical students, residents and postdoctoral fellows. Areas of interest include, but are not limited to, molecular pathways to myocyte differentiation and growth, cardiac receptor interactions, myosin regulation, study of cardiac ion channels, and myocardial gene transfer. Applicants should send curriculum vitae and statement of research interest, along with a list of three references to: David C. Sabiston, Jr., M.D., James B. Duke Professor and Chairman, Department of Surgery, Post Office Box 3806, Duke University Medical Center, Durham, NC 27710.

VALDOSTA STATE UNIVERSITY (VSU). Tenure-track, fiscal-year position as DEPARTMENT HEAD. Rank of Associate or Full Professor. Ph.D. in a biological science required. The Department of Biology includes 12 full-time faculty and over 600 undergraduate majors. Starting date is July 1, 1994. Send letter of application, curriculum vitae, summary of research interests and, names and addresses, and telephone numbers of three references to: Dean John Upchurch, School of Arts and Sciences, Valdosta State University, Valdosta, GA 31698. Materials must be received by December 1, 1993. VSU is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION
BIOCHEMISTRY/
CELLULAR & MOLECULAR BIOLOGY
The North Central College Biology and Chemistry Departments seek a broadly trained person to teach biochemistry, cellular/molecular biology, and introductory courses. Rank open. This tenure-track joint appointment starts September 1994. Ph.D. required. Applicants should have the potential for excellence in undergraduate teaching and research. For more detail, call 708-420-4002. North Central is a comprehensive liberal arts institution of 2500 students with a distinguished tradition in the sciences located 30 miles west of Chicago in the heart of Illinois' research and development centers. The College offers majors in biochemistry, biology, and chemistry.

Send letter of application, curriculum vitae, graduate and undergraduate teaching records, and three letters of recommendation to: Anne Redding, Secretary, to the Biology/Chemistry Search, North Central College, P.O. Box 3063, Naperville, IL 60566-7063. Review applications beginning January 1994, and continues until the position is filled. We particularly welcome applications from women and minorities. Equal Employment Opportunity.

Yale University invites applications and nominations for three SENIOR FACULTY APPOINTMENTS in the departments of Chemical and Mechanical Engineering. We seek distinguished scholars whose research activities complement existing ones, and who are related but not restricted to the following areas: Computation, Computer Engineering, Interfacial Phenomena, Mechanical Behavior of Materials/Solid Mechanics, Microelectronics/Photonics, Separation Processes and Molecular Thermodynamics.

Applications and nominations should be sent before January 15, 1994, to: Professor Gary L. Haller Chair, Search Committee P.O. Box 208267 Yale University New Haven, CT 06520 Yale University is an Affirmative Action and Equal Employment Opporunity, and particularly welcomes applications from women and minority candidates.

BIOLOGIST
INSTRUCTOR to begin August 1994. Responsibilities will include introductory biology lecture and labs, human anatomy/physiology and directing undergraduate research. Qualifications include a graduate degree, broad background in biology and interest in biology education. Submitting application letter, resume, and references. Send three letters of recommendation to: Dr. Gerald Van Amburg, Department of Biology, University of Missouri, 6500 Northeast Road, 65662. Review will begin November 30, 1993, and continue until the position is filled. Concordia College is an Equal Employment Opportunity Employer.

POSTDOCTORAL POSITIONS IN SPECIFIC AREAS OF BIOLOGY

POSTDOCTORAL POSITIONS IN MOLECULAR BIOLOGY

RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER RUSH MEDICAL COLLEGE

POSTDOCTORAL RESEARCH FELLOWSHIP in the Department of Pediatrics and Pharmacology. Ph.D. with background and interests in vascular biology to pursue research in the areas of development (e.g. endothelin and NO) and experience in cell and molecular biology is essential. Individual will work in established vascular biology laboratory. Compensation is commensurate with experience and includes curriculum vitae with three references to: A.B. Malik, Chairman, Department of Pharmacology, Rush Medical College, 1633 West Congress Parkway, Chicago, IL 60612. Rush Medical College is an Equal Employment Opportunity Employer.

POSTDOCTORAL RESEARCH TRAINING FOR RESIDENTS IN MEDICINE

The Department of Medicine of Columbia University announces a basic research career-track program for residents in Internal Medicine. Residents will be funded for three years. Residents are eligible for promotion to Associate Professor and will have substantial laboratory space and financial support. The program is intended for M.D.-Ph.D. graduates and others with a strong interest in molecular research. The program will be funded by a grant from the Lucille P. Markey Charitable Trust. Applications from residents in other clinical departments at Columbia may also be available under this program. For inquiries and a brochure, please contact: Dr. Alan Tal, 2801 of Medical Sciences, Columbia University, 630 West 168th Street, New York, NY 10032. Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR of Medicine or Molecular Medicine, tenure-track. Candidate should possess an M.D., or Ph.D.; experience in molecular genetics and interest in vascular disease and atherosclerosis. Send résumé to: Dr. Alan Tal, 2801 of Medical Sciences, Department of Medicine, Columbia University, 630 West 168th Street, New York, NY 10032. Columbia University is an Equal Opportunity/Affirmative Action Employer.

DEVELOPMENTAL BIOLOGY

The Department of Anatomy & Cell Biology at the University of Virginia plans to expand research in developmental biology with a tenure-track appointment at the ASSISTANT or ASSOCIATE PROFESSOR level. There is a special interest to recruit scientists who are applying contemporary molecular approaches to the study of mechanisms of development, to complement existing programs in cellular, developmental, and reproductive biology. The Department of Anatomy & Cell Biology has a number of outstanding graduate students, postdoctoral fellows, and junior faculty. Position is at the Assistant or Associate Professor level. Applications are encouraged from candidates whose research is concerned with the development of vascular, neural, or mesodermal tissues. Applicants should send curriculum vitae, a brief description of research, and names of at least three references to: Dr. Charles J. Flickinger, Department of Anatomy & Cell Biology, Box 439, Health Sciences Center, University of Virginia, Charlottesville, VA 22908-439. Equal Opportunity/Affirmative Action Employer.
McGill University
DEPARTMENT OF BIOLOGY

The Department of Biology at McGill University invites applications for tenure-track positions at the ASSISTANT PROFESSOR level in MOLECULAR BIOLOGY. The Department seeks candidates whose research addresses fundamental problems in cell, developmental or evolutionary biology using a genetically well-characterized fungal, plant or animal system.

The successful applicant will join a large (40 full-time faculty) and dynamic department with research strengths in cellular, molecular, and developmental biology, ecology, and neurobiology. The Department also has excellent technical facilities, including centres for photography, light and electron microscopy, biotechnology, field stations and the McGill Phytotron.

Applicants should hold the Ph.D. degree in biology or a related field, and demonstrate capacity for independent research. Duties will include carrying out research and participating in teaching of undergraduate- and/or graduate-level courses in cell and molecular biology. The position must be filled by September 1, 1994.

Please send CV, a statement of research interests, and representative reprints. Request three letters of reference. All materials should arrive by December 15, 1993. Send to:

Prof. Robert L. Carroll
Chair, Department of Biology
McGill University
1205 Avenue Docteur Penfield
Montreal, Quebec, Canada
H3A 1B1

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. McGill University is committed to equity in employment.

Continuing expansion has created an exciting opportunity for an experienced research scientist to lead a growing group of some 16 scientists and research assistants. You and your team will make a substantial contribution to our drug discovery programmes by providing comprehensive mammalian cell biology support. This will include both the analysis, genetic engineering and large scale production of mammalian cell lines. The successful applicant will have up- to-date knowledge and experience in these areas and be keen to exploit leading edge technologies. The position requires relevant post-doctoral experience in industry, and proven leadership ability. You will be part of the Molecular Sciences Group, a key component of our drug discovery team, working closely with pharmacologists and medicinal chemists. There are close contacts with colleagues in our comparable U.S. facility, affording opportunities to interchange ideas and experience.

Pfizer is a research-based global healthcare company, currently recognised to have one of the strongest new product pipelines in the industry. Naturally, we offer a highly competitive remuneration package, together with comprehensive relocation assistance where appropriate.

In the first instance, please send a CV, or telephone for further information, to our consultant Malcolm Campbell of Springman, Tipper, Campbell Partnership Ltd., of 54 Jermyn Street, London SW1Y 6LX, Tel: 071 499 9892. Fax 071 499 7546

Protein Computational Simulation and Modeling


1. Immediate Openings for Postdoctoral Fellows

Computational experience and knowledge of protein biophysical chemistry are preferred. Doctoral degree must have been awarded within last 3 years. Available immediately, but will wait for excellent candidates. Stipend begins at $36K.

2. Permanent STAFF Opening

At least 3 to 4 successful years of postdoctoral experience, or equivalent, with strong publication record. Strong computational technical skills and extensive protein biophysical chemistry experience. Available in late winter or early spring of 95/96. Reference #: 941014CSP.

Interaction with experimental collaborators and publication productivity are essential. Send resume (+ email address), publication list and up to 3 significant reprints. Location: National Laboratory in Southcentral Washington State. Contact: Dr. Rick L. Ornstein, Molecular Science Research Center, Battelle-Pacific Northwest Laboratory, Richland, WA 99352; INTERNET: RL Ornstein @ PNL.GOV.
The Zeneca Cell and Molecular Biology Laboratory

Zeneca Senior Fellowships in Cell and Molecular Biology

Four fellowships are available to initiate the work of this new laboratory which aims to integrate programmes of cell and molecular biology in the School of Biological Sciences with anticancer drug discovery research at nearby Zeneca Pharmaceuticals.

For this exciting initiative, we are seeking exceptionally talented individuals with a proven record of excellence in research and a clear potential for further development. They must establish themselves as independent scientists, will be able to hold honorary faculty posts in the newly formed graduate school, and will be expected to build up a team of workers around themselves through grant applications to the research councils and charities. It is essential that they collaborate on aspects of their work with researchers at Zeneca (18 miles south of Manchester) and earmarked funds to support a postdoctoral fellow will be provided specifically for this. Generous funds will be available for research costs and capital equipment. The research environment of the School of Biological Sciences together with those of the nearby Paterson Institute for Cancer Research and UMIST provides ample scope for further local collaboration. The facilities of Zeneca’s laboratories will also be available to support collaboration.

The areas of particular interest to both Zeneca and the research groups in the School of Biological Sciences are the cell and molecular biology of cell death (apoptosis) and cell adhesion, especially signals derived from adhesion molecules. In addition, there are major interests in the areas of DNA damage inducible responses, cell cycle checkpoint control, structural aspects of the cell nucleus, the control of gene expression in epithelial cells, and epithelial morphogenesis.

The posts will be funded for five years in the first instance. Two posts are available in January 1994 and two more in January 1995. Salaries will be in the range £19,642 - £25,107 p.a. Informal enquiries can be made to John Hickman at Manchester University (tel. (061) 275 5448) or Paul Workman at Zeneca (tel. (0625) 51 3938). Further particulars and application forms (returnable by December 15th 1993) are available from the Registrar (Academic Staffing Office), the University, Manchester M13 9PL (tel. 061 275 2028). Quote ref. 314/93.

The University is committed to an Equal Opportunities Policy.
In January 1994 we will be visiting the USA to hold our annual preliminary interviews for vacancies at our Research headquarters in England.

If your PhD or Post Doctoral work is due to finish in 1994 and you would like to be considered for a vacancy as a synthetic organic chemist working in drug discovery or development then send us a copy of your cv.

If selected we will interview you at an appropriate location in the States and successful candidates will then be invited to England for a tour of our facilities and final interview.

Applications, which are welcome from all nationalities should be made by fax or courier to arrive no later than Tuesday 14th December 1993 with Claire Cutler, Senior Personnel Officer, Human Resources Department, Glaxo Group Research, Park Road, Ware, Herts SG12 0DP, England.

Fax (+44) 0920 469237.

Glaxo Group Research

SULTAN QABOOS UNIVERSITY—SULTANATE OF OMAN

College of Agriculture

Sultan Qaboos University, the National University of the Sultanate of Oman, is looking for qualified individuals to fill the following positions in the College of Agriculture:

- Deputy Dean of Fisheries and Marine Sciences
- Assistant Dean of Research
- Assistant Dean of Extension
- Head of Department of Plant Sciences
- Head of Department of Agricultural Economics
- Head of Department of Agricultural Mechanization
- Head of Department of Soil and Water Sciences

Scope and Responsibility: The incumbent will provide leadership for the overall organization and administration of respective programmes in the College. The successful candidate is expected to develop, improve, promote and stimulate quality and relevant programmes in the College; and to provide leadership and inspiration to the staff and students to pursue high standards of learning and scholarship. The incumbent is responsible for the selection, training and evaluation of personnel, planning and budgeting for facilities and equipment; recommending the hiring, promotion, termination and discipline of staff, liaison with relevant departments in the University, governmental agencies and private sectors; exploiting extramural support and collaborative activity; and implementing and disseminating research findings.

Qualification: Applicants should possess a Ph.D. degree in agricultural disciplines or related fields from a reputable university, with professional credentials of a high order, sufficient to meet the criteria for full professorship. Evidence of sensitivity to cultural diversity and fluent in both spoken and written English are necessary. Excellent organizational and communicative skills and a strong sense of commitment and enthusiasm for extension administration and programming are essential. Candidates with at least ten years of experience in a full-time appointment on the academic staff or a recognized and reputable academic institution, who have demonstrated the professional growth and potential for leadership are desirable.

Salary and benefits: Apart from a very attractive tax free salary, commensurate with qualification and the experience, Sultan Qaboos University provides furnished accommodation, free medical treatment in Government Hospitals, school fees for up to two children, first class return air tickets for self, spouse and up to three children annually, sixty days leave. Renewable contracts are offered every two years and end of contract gratuity is paid.

Interested candidates should provide complete resume, official transcripts and arrange three letters of reference, and quoting our Ref: ADV/Agr/04/93, to be sent to:

The Director, Personnel Affairs
Sultan Qaboos University,
P.O. Box 50, Al-Khod - 123,
Sultanate of Oman
POSTDOCTORAL POSITION IN PROTEIN CRYSTALLOGRAPHY

Position available 1 June 1993 to determine three-dimensional structures of active serpins (these are 45 kD proteins which inhibit serine proteases; see Wei et al., J. Mol. Med. 1991, 69, 39). This work is of a multidisciplinary collaboration involving molecular biologists, immunologists, and structural biologists. Candidates for the position should have a background in protein crystallography and some experience in protein purification. Applications, including curriculum vitae, list of publications, and names and addresses of three references should be sent to: Prof. David W. M. Hill, Department of Chemistry, University of Pennsylvania, Philadelphia, PA 19104–6523.

POSTDOCTORAL POSITION. To study mechanisms of gene transfer and expression both in cultured cells and in animals, with potential applications to gene therapy (see Science 261:209–11, 1993; JBC 268:16087–90, 1993; PNAS 89:11277–81, 1992). Extensive experience in molecular biology required. Please send curriculum vitae and names of three references to: Dr. Robert Debs, SLR, Box 0128, University of California San Francisco, San Francisco, CA 94143–0128.

TWO POSTDOCTORAL POSITIONS, protein crystallographer and molecular biologist/protein chemist, are available at the National Cancer Institute (NCI). Positions involve study of epidermal growth factor, the transforming gene of Rous sarcoma virus, and/or the protein component of a tumor suppressing factor (CA95414–0128). This position is part of a multidisciplinary approach to the understanding of the relationship of the dynamics of the mammalian cytoskeleton and its relationship to human genetic disease, using embryonic stem cell and transgenic mouse technology (see Cell 70:609, 1992, for related work). Enthusiasm for the science, solid Ph.D. training and high scientific standards are essential for candidate requirements. Send curriculum vitae, summary of research experience and names of three references to: Dr. Elaine Fuchs, Department of Molecular Genetics and Cell Biology and Howard Hughes Medical Institute, The University of Chicago, 5841 South Maryland Avenue, Room N314, Chicago, IL 60637. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL—MOLECULAR VIROLOGY

Postdoctoral position available to work on the molecular virology and pathogenesis of experience in either molecular biology, molecular genetics, molecular/cellular virology (especially herpes virology), or immunology (especially viral immunology) is highly desirable. Funding for the position is guaranteed for at least 3 years at a highly competitive salary. Send curriculum vitae with names and telephone numbers of 3 references to: Dr. Steven L. Weisslich, Director, Virology Research Laboratories, Harper Building—124, CEDARS-SINAI MEDICAL CENTER, Research Institute/UCLA School of Medicine, 8700 Beverly Boulevard, Los Angeles, CA 90048–1869. FAX: (310) 657-0190. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS: Applications are invited for positions involved in the biochemistry of cell adhesion. Our lab consists of a multidisciplinary group examining structure-function relationships of the integrin protein family. Current projects include: metal ions in receptor activity, role of matrix in integration of engineering antibodies as integrin ligands; integrins in bone resorption and inflammation. Individuals with strong background in molecular cloning and mutagenesis; crystallography; 2D-NMR; protein-protein interactions; protein engineering; molecular modeling; metallo-biochemistry are encouraged to apply. Send curriculum vitae, recent reprints and names of three individuals willing to serve as references to: Jeffrey W. Smith, Department of Vascular Biology (CBV-1), The Scripps Research Institute, 10666 North Torrey Pines Road, La Jolla, CA 92037.

POSTDOCTORAL POSITION IN PROTEIN CRYSTALLOGRAPHY

CANCER RESEARCH POSTDOCTORAL POSITION available immediately to study the recombination and repair of damaged chromosomes and the biology of telomeres in mammalian cells. A Ph.D. and experience in molecular biology are required. Non-smoking workplace. Send curriculum vitae and names of three references to: Dr. Brad Windle, Cancer Therapy & Research Center, 5841 South Maryland, Room 6300, San Antonio, TX 78229. Equal Opportunity Employer.

POSTDOCTORAL POSITIONS


MUNTHELMEN COLLEGE

BIOLOGY: Tenure-eligible position specializing in general area of morphology. Ph.D. required. Teaching responsibilities will include courses in comparative anatomy, comparative embryology, and histology. The use of scanning and transmission electron microscopy in courses and an active research program are essential. Muhlenberg College is a church-related, selective, liberal arts college located one hour from Philadelphia. To apply, send description of teaching and research interests, curriculum vitae, and three letters of reference by December 4, 1993, to Dr. David W. A. Muhlen, Department of Biology, Muhlenberg College, 2400 Chew Street, Allentown, PA 18104–5586. An Equal Opportunity Employer encourages applications from women and minority candidates.

POSTDOCTORAL POSITIONS

POSTDOCTORAL POSITION available immediately to study oxidative damage to proteins. Qualified applicants should have a Ph.D. in biochemistry and experience in the isolation of proteins and determination of protein electrophoretic behavior. Send curriculum vitae to: Dr. Jack A. Hinson, University of Arkansas for Medical Sciences, Division of Toxicology, 4301 West Markham, Little Rock, AR 72205; Telephone: 501-686-5766. An Equal Opportunity Employer.

POSTDOCTORAL POSITIONS available immediately to study oxidative damage to proteins. Qualified applicants should have a Ph.D. in biochemistry and experience in the isolation of proteins and determination of protein electrophoretic behavior. Send curriculum vitae to: Dr. Jack A. Hinson, University of Arkansas for Medical Sciences, Division of Toxicology, 4301 West Markham, Little Rock, AR 72205; Telephone: 501-686-5766. An Equal Opportunity Employer.

POSTDOCTORAL POSITIONS are available for candidates with a Ph.D. degree in biochemistry/biophysics interested in structure/function studies on proteins involved in the signal transduction of smooth muscle (caldesmon [Dr. P. Graczea, MLCK/calmodulin (Dr. Z. Grabarek)]. Techniques include protein modification; site-directed mutagenesis; fluorescence, ESR, and CD spectroscopy; electron paramagnetic resonance; and radioligand binding. Please send curriculum vitae and names of three references to: Ms. Mary Caufield, Boston Biomedical Research Institute, 20 Stanford Street, Boston, MA 02114. We are an Equal Opportunity Employer.

POSTDOCTORAL POSITION available immediately to study cell adhesion and cell differentiation. Send curriculum vitae, recent reprints and names of three individuals willing to serve as references to: Dr. Jeffrey W. Smith, Department of Vascular Biology (CBV-1), The Scripps Research Institute, 10666 North Torrey Pines Road, La Jolla, CA 92037.

POSTDOCTORAL POSITION available January 1994 for recent graduate to research cardiac biochemical and molecular biological changes (calcium and ATP cycling) occurring in heart failure. Experience in enzymology and molecular biology is required. Submit résumé, transcripts, and 3 letters of reference to: Peter James O'Brien, D.V.M., Ph.D., D.V.Sc., Department of Cellular and Molecular Medicine, University of Guelph, Guelph, Ontario, N1G 2W1, Canada. Telephone: (519) 823-8800; FAX: 763-0212. University of Guelph is an Equal Opportunity Employer.

POSTDOCTORAL POSITION available immediately to study novel methods for the use of liposomes in the development of vaccines for the therapy of cancer. The position is available for one year and some technology is not necessary. This position will be funded by Jenner Technologies and the work will be carried out at WRAIR. Please submit curriculum vitae to: Dr. Carl R. Alving, Department of Membrane Biochemistry, Walter Reed Army Institute of Research, Washington, DC 20307.

Vanderbilt University School of Medicine

Applications are invited for two POSTDOCTORAL POSITIONS to study the molecular biology and biochemistry of the mammalian fibrinolytic system. Fellows will be involved in the design and execution of studies in Cellular Cardiovascular Laboratories. Solid training in molecular biology and/or biochemistry is required. Please send curriculum vitae and the names and addresses of three references to: Dr. Andrew D. Rabbitts, Department of the thrombosis Research, Cardioiology Division, Vanderbilt University School of Medicine, 722-2218 MCG, Nashville, TN 37232; Telephone: 615-343-3460. Vanderbilt University is an Equal Opportunity Employer and encourages applications from underrepresented minorities.

POSTDOCTORAL POSITION in visual neurophysiology on the analysis of structure-function by primary visual cortex. Several studies combine psychophysics and single unit recording in visual association cortex of behaving monkeys. Also ongoing human psychophysical, and computational studies. Recent graduates changing fields from cellular or computational neuroscience are encouraged to apply. Computer expertise useful. NIH-level salary and supplement, 4 years of funding. Send curriculum vitae, letter of research interests, references to: Ralph Siegel, Ph.D., Center for Molecular and Behavioral Neuroscience, Rogers University, 195 University Avenue, Newark, NJ 07102; or ralphs@rogers.u.edu. Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION available immediately to study blood cell development at the molecular and cellular level using tissue culture, transgenic mouse, and embryonic stem cell technology. The successful applicant will join a growing cell biology laboratory devoted to molecular cardiovascular research in newly renovated space at the University of Chicago (including Dr. John Bartelmez, Dr. William Kaelin, and Elav Barr). Candidates should have molecular biology experience. Send curriculum vitae and names of three references to: M. Celeste Simon, Ph.D., Department of Medicine, Department of Molecular Genetics and Cell Biology, The University of Chicago, 5841 South Maryland Avenue, Chicago, IL 60637. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.
AN INVITATION TO SUBMIT NOMINATIONS FOR THE KING FAISAL INTERNATIONAL PRIZE FOR SCIENCE

The General Secretariat of the King Faisal International Prize is pleased to invite universities, scientific societies and research centers throughout the world to nominate qualified candidates for the King Faisal International Prize for Science. The topic for 1415H (1995) is:

CHEMISTRY

Nomination should meet the following requirements:

1. Nominees must have accomplished outstanding academic work in the Prize topic, benefitting mankind and enriching human progress.
2. Submitted work must be original and published.
3. Nomination should include:
   a. Letter of nomination from a nominating body;
   b. Typed current CV detailing the nominee's academic background and experience and listing all published works;
   c. Seven copies of each nominated work;
   d. Three recent colour photos;
   e. The nominee's office and home mailing addresses, including telephones, telex and fax.
4. Nomination will be evaluated by the Selection Committee.
5. More than one person may share the Prize.
6. The nomination will not be accepted if:
   a. It is by individuals or political parties;
   b. It does not meet all the prize conditions.
7. The Prize consists of:
   a. A certificate in the winner's name containing an abstract of the works that qualified him/her for the Prize;
   b. A gold medal;
   c. A sum of (SR350,000) three hundred and fifty thousand Saudi Riyals, (approximately US$93,000).
8. The winner(s) name(s) will be announced in January 1995, and the Prize will be awarded in an official ceremony later in the year.
9. The latest date for receiving the complete nomination requirements will be September 1, 1994.
10. No nomination papers or works will be returned to the senders, whether or not the nominee is awarded the Prize.
11. Nomination should be sent by registered airmail to:

   The General Secretariat
   King Faisal International Prize
   P.O. Box 22476
   Riyadh 11495
   Kingdom of Saudi Arabia

   Tel 4652255
   Tlx 404667 PRIZE SJ
   Fax 4658685
   Cable JAEZAH
POSTDOCTORAL POSITIONS
(2) in molecular ecology of defense using transgenic plants. One emphasizes DNA manipulation, others emphasize field experiments to develop own project. Send curriculum vitae, research interests, and three recommendations by December 1, 1993, to: Dr. Joy Bergelson, Biology Department, Box 1137, Washington University, St. Louis, MO 63130. FAX: 314-935-4432.

The College of William and Mary, School of Marine Science/Virginia Institute of Marine Science invites applications for a POSTDOCTORAL POSITION in the laboratory of Dr. S. L. Kaatzari. The successful candidate will be responsible for I.N.E.H.S.-funded study of the effects of aflatoxin and other carcinogens on immune system development in trout. The applicant must have a doctorate in immunology or related field. Send curriculum vitae and letter from three references to: Dr. Stephen Kaatzari, School of Marine Science/Virginia Institute of Marine Science, College of William and Mary, Gloucester Point, VA 23602. Review of applications will begin on 26 November 1993 and will continue until the position is filled.

POSTDOCTORAL POSITION in biochemistry/molecular biology. Research focus is on adaptations of oxidative muscle tissues to cold body temperature in temperate and polar fishes, particularly upon intracellular movement of oxygen, regulatory ions and metabolites. Skill in biochemistry/molecular biology is essential; experience in marine biology/fish physiology is desirable. Send letter, curriculum vitae and names and addresses of 3 referees to: Dr. Bruce D. Sidell, Department of Zoology, University of Maine, 5751 Murray Hall, Orono, ME 04469-5751. Screening begins 15 November 1993. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION Department of Bronchopulmonary Research Hoffmann-La Roche Inc.

Immediate opening for a postdoctoral research associate for research in the areas of signal transduction mechanisms associated with the high affinity receptor for IgE mast cells or basophils, (ii) molecular biology of phospholipases, including phospholipase D. Qualification includes: Ph.D. in biochemistry/immunology/cell biology with a molecular biology background. We offer a competitive salary and an additional subsidy for housing. Please send curriculum vitae and names of three references to: Dr. J. Kochan, Department of Bronchopulmonary Research, Hoffmann-La Roche Inc., 540 Kingsland Street, Nutley, NJ 07110.

POSTDOCTORAL POSITION available January 1, 1994. Approaches to characterization of mammalian 15 labeled nucleic acid fragments. Preference will be given to applicants with recent Ph.D. in organic chemistry with expertise in synthetic chemistry and chemical desirability but not required. Send curriculum vitae, a brief statement of research interests, and names and addresses of three references to: Dr. Roger A. Jones, Department of Chemistry, Rutgers University, Piscataway, NJ 08855.

POSTDOCTORAL FELLOW—position available immediately to study autoactive human immunoglobulin gene expression and development and disease. Experience in molecular biology required. Send curriculum vitae to: Dr. L. E. Silberstein, University of Pennsylvania School of Medicine, Founders Pavilion 69-3, 3400 Spruce Street, Philadelphia, PA 19104. FAX: (215) 662-6891.

POSTDOCTORAL POSITION: Available immediately for highly motivated M.D. or Ph.D. in viral molecular pathogenesis laboratory. Research areas include antibody-mediated restriction of viral gene expression, interferon antagonism, and synchronization of CN5 viral pathogenesis. Background in molecular biology and virology preferred; interest in immunology or virology, desirable. Send curriculum vitae, reference letters, and names of three references to: Dr. LeRoy D. Levy, Department of Medicine, MSIC 1306, Columbia University College of Physicians & Surgeons, 701 West 168th Street, New York, NY 10032.

An Affirmative Action Employer; women and minorities are encouraged to apply.

POSTDOCTORAL FELLOWS
POSTDOCTORAL POSITIONS available immediately for highly motivated scientists with training and research expertise in biochemistry, molecular biology or cell biology to study novel growth factors, growth factor receptors and related signal transduction mechanisms. Applicants should have a doctoral degree with strong background in molecular/cell biology. Send curriculum vitae and names of three references to: Dr. Merle S. Olson, Department of Biochemistry, The University of Texas Health Science Center at San Antonio, San Antonio, TX 78284-7760. An Equal Opportunity/Affirmative Action Employer.

NATIONAL MUSEUM OF HISTORY
POSTDOCTORAL FELLOWSHIP IN MOLECULAR EVOLUTION

Postdoctoral fellowships in molecular evolution are available for research in the Laboratory of Molecular Systematics at the National Museum of Natural History in Washington, DC. Research should concern molecular evolutionary genetics or systematics broadly defined; specific area of interest include molecular phylogenetics, gene studies of speciation process, and genome genetics. Stipends are $25,000 annually, plus a travel allowance. Tenures are for 12 to 24 months. Deadline: 15 February 1994. Information and application write: Office of Fellowships and Grants, Dept MS, Smithsonian Institution, Washington, DC 20560.

THE LOVELACE INSTITUTES

POSTDOCTORAL ASSOCIATE. Physiologist with training in respiratory, cardiovascular, or NMR physiology to conduct research on "Mechanisms and Function of Pulmonary Neurons," an NIH-funded position; available January 1, 1994, for 1 or 2 years. Annual stipend is $24,000 plus fringe benefits. Send curriculum vitae, description of research interests, and 3 letters of reference to: Stephen C. Wood, Ph.D., Director, Cardiopulmonary Physiology Program, The Lovelace Institutes, 2425 Ridgecrest Drive, Albuquerque, NM 87108; Telephone: 505/262-7155. An Equal Opportunity Employer.

POSTDOCTORAL RESEARCH POSITION. Available immediately to study the mechanisms of amyloidogenesis. Experience in protein purification and/or molecular biology is preferred; familiarity with handling rodent models is also desired. Please send/FAX a letter describing your research interests, curriculum vitae, and names and telephone numbers of three references to: Dr. Maria M. Picken, Department of Comparative Medicine, University of Chicago, 2160 South First Avenue, Maywood, IL 60153. Telephone: (708) 216-4793; FAX: (708) 216-8432. This position is an Equal Opportunity/Equal Employment Opportunity.

SENIOR RESEARCH ASSOCIATE position available immediately to study the molecular and cellular basis of psychiatric disorders. Emphasis of research is on the role of brain monoaminergic neurons in the neurobiology of schizophrenia. Experience of work with the mechanism of action of drugs used to treat these disorders. Candidates should have a Ph.D. and/or M.D. with experience in biochemistry, molecular biology, neurochemistry, or pharmacology. Salary is competitive and commensurate with experience. Send or FAX curriculum vitae, a statement of research interests and three letters of recommendation and names of three references to: Gregory A. Ordway, Ph.D., Department of Psychiatry and Human Behavior, University of California, San Diego, 2900 North Street, San Diego, CA 92116-4505; FAX: 619-984-5885. Equal Opportunity Employer, M/F/D/V.

POSTDOCTORAL RESEARCH POSITION available for December 1993 to study the genetic regulation and expression of the human receptor for yeast β-glucans. Applicants must have a Ph.D. or M.D. with expertise in molecular biology. Send curriculum vitae, recent publication, and three letters of reference to: Dr. Joyce K. Coop, Department of Rhumatology, 725 East 106th Street, Los Angeles, CA 90021. FAX: (213) 824-6189. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL ASSOCIATE NEURONAL NICOTINIC RECEPTORS

An NIH-funded position is available to join ongoing studies of synaptic co-transmission in sympathetic gan. Possible projects include: (i) cell-specific expression of DNA reporter constructs, (ii) interactions between nicotine and non-nicotinic synapses, and (iii) development of receptor expression. This position requires a background in electrophysiology or receptor expression and previous experience with tissue culture. Salary level is consistent with NIH guidelines, commensurate with experience. For additional information call (412) 684-9429 or send curriculum vitae and names of three references to: Dr. John P. Horn, Department of Neurobiology, E 4440 BST, University of Pittsburgh, School of Medicine, Pittsburgh, PA 15260. Application materials and references should be received by December 1, 1993. The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITIONS available immediately to study the biochemistry and molecular biology of DNA repair mechanisms. Candidates should have a strong background in molecular biology or protein chemistry. Send curriculum vitae with names and numbers of three references to: W. A. Roth, Department of Biochemistry, Louisiana State University, Baton Rouge, LA 70803. FAX: 504-388-6321. Hire date: January 1, 1994, application deadline: November 15, 1993. LSU is an Equal Opportunity/Affirmative Action Employer.

RESEARCH ASSOCIATE/ ASSISTANT SCIENTIST

Kranert Institute of Cardiology Indiana University School of Medicine

A position is available at the Assistant Scientist level. The candidate must have postdoctoral experience in molecular biology and expertise in protein expression and construction of mutant and/or chimeric proteins. Work will involve research on selected enzymes of the vascular wall. Please send curriculum vitae to: David R. Hathaway, M.D., Director, Cardiovascular Division & The Kranert Institute of Cardiology Indiana University School of Medicine 1111 West 10th Street Indianapolis, IN 46202-4800

Indiana University is an Equal Opportunity/ Affirmative Action Employer.

ASSISTANT RESEARCHER

Oklahoma State University seeks applicants for an ASSISTANT PROTEIN SPECIALIST. The successful candidate will be involved in maintaining research personnel in the isolation, characterization, and computer-aided molecular modeling of proteins. The individual will also direct the support and personnel for support services, such as peptide synthesis, HPLC, CE, and protein microsequencing. The opportunity exists for collaborative research with other faculty. Candidates should hold a Ph.D. in biochemistry, molecular biology or related areas with emphasis on protein isolation, purification, and characterization techniques. This is an equal opportunity position; all qualified applicants are encouraged to apply. The institution is supported for two years with excellent potential for continuation beyond that period. Consideration of applications will begin December 1, 1993, and will continue until the position is filled. Applicants should provide curriculum vitae, a brief description of their research interests, and three letters of reference to: Dr. James B. Blair, Department of Biochemistry and Molecular Biology, Oklahoma State University, Stillwater, OK 74078. Telephone: 405-744-6189. Oklahoma State University is an Equal Opportunity/Equal Employment Employer.

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Research at the Glaxo Institute in Geneva is directed towards the discovery of novel molecular mechanisms that can be used as drug targets to treat serious diseases. In particular, research is focused on the CNS, allergies and inflammatory conditions. We have an outstanding opportunity for an

**IMMUNOLOGIST**

to work on mouse transgenic models of inflammation.

The successful applicant will work with an interdisciplinary team of immunologists, biochemists and molecular biologists investigating asthma. Informal enquiries should be directed to Dr. Jean-Yves Bonnefoy (+41-22-7069723).

The Institute has a strong publication record, which the appointee will be expected to maintain. Attendance and presentation at scientific meetings is encouraged, as well as collaborative research with academic groups.

We offer an excellent compensation and benefits package and significant opportunities for career development. Geneva, situated in a very attractive part of Europe, has many advantages as a place to live. The Institute for Molecular Biology is part of the Glaxo group, one of the world’s most successful healthcare companies which has an outstanding reputation for the quality of both its research and products.

If you are interested in this position, please send your curriculum vitae with a list of publications and the names of three referees to: Rita Gloor, Personnel Manager, Glaxo Institute for Molecular Biology S.A., 14, chemin des Aulx, 1228 Plan-les-Ouates, Switzerland.
Faculty Position in Physical Biochemistry

The University of Calgary Department of Biological Sciences invites applications for a tenure-track faculty position at the Assistant Professor level in Physical Biochemistry. The Department offers honours and majors programs in biochemistry and features physical biochemistry courses at the 3rd and 4th year levels. Qualifications: PhD degree with postdoctoral experience; a commitment to excellence in teaching at the undergraduate and graduate levels; a demonstrated ability to conduct productive research of high quality in any area of physical biochemistry are encouraged to apply. The successful applicant will participate in the teaching of undergraduate and graduate physical biochemistry courses. The salary range for an Assistant Professor is $38,143 - $58,401. The position is available July 1, 1994. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The University of Calgary has an Employment Equity Program and encourages applications from all qualified applicants, including women, aboriginal people, visible minorities, and people with disabilities.

Applicants should send a curriculum vitae; a concise outline of research directions and goals; and the names, addresses, telephone and fax numbers of three referees before December 30, 1993 to: Dr. R.W. Davies, Head, Department of Biological Sciences, The University of Calgary, 2500 University Drive N.W., Calgary, Alberta, Canada T2N 1N4. Facsimile: 403-289-9311.

DEPARTMENT OF BIOMEDICAL ENGINEERING
THE CLEVELAND CLINIC FOUNDATION

Cardiac Assist and Replacement

The Department of Biomedical Engineering is seeking an individual with a doctorate in engineering and demonstrated experience in applied research and/or development of devices to assist or replace the diseased heart. Candidates without a doctorate but with considerable industrial or academic experience will be considered. The candidate will be the senior engineer in a multidisciplinary team of engineers, scientists, and clinicians conducting R&D projects related to the development of an implantable Artificial Heart.

Heart Valve Mechanics

The Department of Biomedical Engineering is also seeking an individual with a doctorate in engineering and demonstrated experience in solid and/or fluid mechanics of natural and prosthetic heart valves. The candidate will lead a growing multi-disciplinary team of engineers, scientists, and clinicians which conducts basic and applied research and development of heart valves. The successful candidates will be expected to develop new research, secure extramural funding to support these activities, and participate in the graduate education program. Currently 22 Biomedical Engineering Graduate Students are conducting their research activities in the department. Appointment will be at the full staff level (full professor equivalent) at The Cleveland Clinic Foundation with the potential for appointment as a faculty member at The Ohio State University. The successful candidate will work closely with the clinical Departments of Cardiology and Thoracic & Cardiovascular Surgery. The Cleveland Clinic Research Institute is organized into eight interactive departments (Biomedical Engineering, Biostatistics & Epidemiology, Cancer Biology, Cardiovascular Biology, Cell Biology, Immunology, Molecular Biology and Neurosciences) with 270 staff and junior scientists supported by 240 technical and administrative personnel. The Department of Biomedical Engineering with a staff of over 100 members receives funding from the National Institutes of Health and other philanthropic and industrial sources, as well as internal support from The Cleveland Clinic Foundation.

Applicants should send resume in confidence to: J.F. Corsini, Chairman Department of Biomedical Engineering (Wb3) The Cleveland Clinic Foundation 9500 Euclid Avenue, Cleveland, OH 44195 Telephone: (216) 445-6980 FAX: (216) 444-9198 The Cleveland Clinic is an Equal Opportunity/Affirmative Action Employer

INTERNATIONAL CENTRE FOR RESEARCH IN AGROFORESTRY

VACANCY ANNOUNCEMENT
AGROECOLOGIST

The International Centre for Research in Agroforestry (ICRAF) belongs to the Consultative Group on International Agricultural Research (CGIAR)’s consortium of 16 international agricultural research centres. Its ultimate purpose is to help mitigate tropical deforestation, land degradation and rural poverty through the development of improved and sustainable agriculture systems integrating trees and shrubs with crops and livestock.

ICRAF is filling a senior research position for an agroecologist who will work at ICRAF headquarters in Nairobi. This person will do interdisciplinary research on agroecosystem characterization and assess the impact of key agroforestry technologies on agroecosystems. Issues addressed will include the interface between the natural resource base of agroecosystems and socio-economic variables, the economic and social parameters from the global level down to the plot level, the building of appropriate data bases for agroecosystem characterization, contribution to the building of integrated ecological-economic agroecosystem models. The scientist will also participate in ICRAF’s training activities and will travel to selected ICRAF sites in Africa, Southeast Asia and Latin America.

Requirements are a Ph.D. in agroecology, physical geography, agroclimatology, or a related field with a minimum of 3 years of post-Ph.D. experience in internationally recognized research; experience with remote sensing techniques and in building GIS. Candidates should have strong conceptual skills and a systems orientation and must have published in refereed international journals. An excellent command of English is essential; fluency in Spanish and/or French is an advantage.

CONDITIONS OF EMPLOYMENT

This is an international core funded senior position. Appointments at ICRAF are for fixed periods of two years and are renewable for up to ten years in duration. The salary and benefits are competitive and include a cost of living allowance, annual home leave travel and a comprehensive retirement and health package. Applicants are invited to send a concise outline of curriculum vitae, including date of birth and current salary details, the names and full addresses (including telephone, fax/telex) of three referees and copies of 3 publications. Applications should be addressed to the Head of Human Resources, International Centre for Research in Agroforestry, P.O. Box 30677, Nairobi, Kenya, Tel: (254-2) 521450; Telex: 22048 ICRAF P.O. Box 30677. Applications will be considered until 30 November 1993. Women are particularly encouraged to apply.

ICRAF IS AN EQUAL OPPORTUNITY EMPLOYER

Postdoctoral Positions

Vision, Touch and Hearing Research Centre

Three postdoctoral positions are open at the Vision, Touch and Hearing Research Centre, The University of Queensland (a Commonwealth Special Research Centre, Director: Professor J.D. Pettigrew FRS).

1. Director’s Unit: Comparative Neuroscience.

2. Hearing Unit: Electron microscopist to work on hair cell mechanotransduction, development and repair, with Dr James O. Pickles. Techniques used include molecular biology, organ culture, scanning and transmission electron microscopy, and experience with the latter is essential.

3. Vision Unit: To work with Dr D.I. Vaney on the structure and function of the vertebrate retina.

4. Touch Unit: The Touch Unit (Dr M.B. Calford) conducts neurophysiological experiments on plasticity of the sensory cortex of adults.

The appointments are until December 1996. Appointments on ARC Research Associate or ARC Senior Research Associate & Senior Research Fellow (A$34,953 – $38,950 p.a. or A$41,000 – $48,688 p.a.). Return fare to take up appointment, plus travel allowance for yearly attendance at international meetings are provided. Send CV and names, addresses, fax and/or email addresses of three referees to Julie McAluliffe, V.T.H.R.C., Department of Physiology and Pharmacology, The University of Queensland, Qld 4072, Australia, stating for which unit applying, by 1 January 1994. Reference No. 42793.

Equal opportunity in employment is University policy.
FACULTY POSITION
Center for Neural Science

The Center for Neural Science of New York University invites applications for a tenure-track faculty position in the general area of cognitive and/or computational neuroscience. Candidates should be able to demonstrate excellence and originality in experimental and/or theoretical research. The appointment may be made at any level. The Center for Neural Science is an autonomous interdepartmental unit of the Faculty of Arts and Science. Members of the Center hold primary appointments in the Center and are also affiliated with one or more academic Departments. Candidates should send a curriculum vitae, a statement of current research interests, copies of recent relevant publications, and the names and addresses of three or more individuals willing to provide letters of reference to: Prof. J. Anthony Movshon, Center for Neural Science, New York University, 4 Washington Place, Room 809, New York, New York 10003.

NYU encourages applications from women and members of minority groups.

DIRECTOR OF SCIENCE

The Nature Conservancy (TNC) seeks a Director of Science to lead its science and stewardship programs. The Director is responsible for all aspects of the Division including strategic and annual planning; fund-raising; managing a large, decentralized professional staff; enhancing Conservancy systems for biological information management and the international Network of Natural Heritage Programs and Conservation Data Centers; and collaborating with diverse domestic and international agencies and organizations on conservation issues.

Requirements include: documented participation as a leader in national and international scientific and policy forums on conservation issues; understanding these issues at the ecosystem and landscape level; experience with information systems; demonstrated managerial skills; Ph.D. in the biological sciences. The Director reports to TNC’s President, serves as a member of the Conservancy’s management committee, works closely with scientists on TNC’s Board and serves as principal liaison to TNC’s Science Advisory Committee.

All inquiries and responses held in confidence. Reply to:

The Nature Conservancy
International Headquarters
Human Resources Department
1815 North Lynn Street
Arlington, VA 22209

The Nature Conservancy is an Equal Opportunity Employer.

Be a part of our growth!

Therion Biologics Corporation, located in Cambridge, Massachusetts, is developing immunotherapeutics and vaccines for infectious diseases and cancer. As the lead organization in an NIH funded National Cooperative Vaccine Development Group for AIDS, we are working in close cooperation with eminent scientists at major universities and the NIH to develop AIDS therapeutic/vaccine products. Clinical trials of the first of our AIDS vaccines are expected to begin later this year. In addition, we have several ongoing collaborations with scientists at the National Cancer Institute to develop therapeutic vaccines for cancer; the first cancer vaccine arising from these collaborations has recently entered clinical trials.

Senior Staff Scientist - Virology/Tissue Culture

We are currently seeking a Sr. Staff Scientist to be responsible for initiating, directing and executing scientific research and development in all areas of cell culture/virology. In this high visibility position, you will supervise a technical staff and interface with various departments including molecular biology, process development, manufacturing and QA/QC, to help bring potential products from the research stage through clinical development. Requirements include a minimum of 4-6 years' postgraduate experience in an academic or industry research environment with technical proficiency in virology/cell culture, including broad experience in multiple systems. You must be an independent thinker with demonstrated success in scientific creativity, and have hands-on supervisory experience.

Our lab facilities are state-of-the-art and our East Cambridge location is in the heart of the state's fastest growing bio-tech area. Excellent compensation, benefits and growth opportunities. Please fax your resume to (617) 876-9391 or mail to: Human Resources, Therion Biologics Corporation, 76 Rogers Street, Cambridge, MA 02142. An Equal Opportunity Employer M/F/D/V.

THERION
BIOLOGICS

MISSION

Biogen is a dynamic young biotechnology company principally engaged in developing genetically engineered human pharmaceuticals. Now in our 16th year, we are one of the few profitable biotech companies in the U.S. Revenues come from five products — including betaxol (B), alpha interferon and hepatitis B vaccines and diagnostics — sold throughout the world by licensees or affiliates. Current research is directed toward the discovery and development of proprietary products to treat inflammation, cardiovascular disease, AIDS and certain cancers.

Research Scientist - Molecular Genetics

We are seeking a creative scientist to enhance our research efforts in the area of molecular genetics. The successful candidate will play a critical role in the development of novel cloning/screening techniques and the generation of new libraries. In addition, this individual will augment our efforts in vector development and expression cloning. Ideal candidates would possess a PhD in an appropriate discipline and experience in genomic and/or cDNA library construction. A knowledge of the molecular biology of cytokines/cytokine receptors, adhesion molecules or immunoglobins is preferred, as is the ability and willingness to work in a multi-disciplinary research team environment.

Biogen offers what few companies in our industry can - Scientific Challenge, Stability, Profitability, and Growth. In addition, our compensation and benefits package, which includes relocation assistance, is one of the best in the industry, and is designed to attract and retain the finest talent available. If you are one of the best, you have an opportunity to join us now.

We encourage your immediate response. Please forward your resume to Biogen, Inc., Dept. SM-115, 14 Cambridge Center, Cambridge, MA 02142; FAX# (617) 252-9995. Biogen is an Equal Opportunity Employer.
1994 Recruitment Advertising Sneak Preview:

West Coast Biotechnology/Pharmaceutical Careers
11 February
Bonus distribution: Biotechnology/Pharmaceutical Job Fairs
11-12 February, New Jersey
25-26 March, La Jolla, CA

East Coast Biotechnology/Pharmaceutical Careers
1 April
Bonus Distribution: Biotechnology/Pharmaceutical Job Fairs
22-23 April, Cambridge, MA
13-14 May, Chevy Chase, MD
Experimental Biology (FASEB)
24-28 April, Anaheim

Women In Science
11 March
Bonus distribution: Biotechnology/Pharmaceutical Job Fairs
25-26 March, La Jolla, CA
22-23 April, Cambridge, MA

B.S./M.S. Careers
26 August
Bonus distribution: Top 50 Universities in the U.S.--Chemistry and Biology Depts.

Careers IV
23 September
Bonus distribution: Biotechnology/Pharmaceutical Job Fairs
23-24 September, La Jolla, CA
30 September, 1 October, Cambridge, MA

For more information on any of these special issues, call Janis Crowley, Recruitment Advertising Manager, at 212-496-7704. In Europe, contact Annemarie Vis on 44-223-302-067.
RESEARCH DIRECTOR

A unique, newly created position exists for an experienced manager to guide the research efforts for a biotechnology industry leader. This position is integral to the continued success of a market driven discovery process with global emphasis. In addition to facilitating self-directed research teams in microbial screening, molecular biology, strain development and biochemistry, you will share responsibility for new business development, patenting, university and community relations.

This position requires progressively responsible experience in biotechnology, agricultural biotechnology or agrichemical industry, a Ph.D. in biochemistry, biology or related field, and an exceptional record of achievement in technology, management and community leadership. With a focus on creativity, you must possess an action orientation dedicated to moving projects forward to product development and reducing time of lead candidates in each research function.

Novo Nordisk Entotech, Inc. is a wholly-owned subsidiary of Novo Nordisk the world leader in the development and manufacture of insulin and the world’s largest producer of industrial enzymes. Headquartered in Denmark, Novo Nordisk employs over 10,000 people in 40 countries.

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1497 Drew Avenue
Davis, CA 95616-4880
Fax (916) 757-4789

We are an equal opportunity employer.
No search firm referrals, please.

UNIVERSITY OF ALABAMA
AT BIRMINGHAM

Postdoctoral Fellowships in
Molecular Virology

Postdoctoral traineeships are available through NIH training grants in the broad areas of Viral Oncology and basic Molecular Virology. Research programs include virus structure, replication mechanisms, assembly, immune recognition, protein structure and function, oncogenesis, viral vectors, and vaccine/drug development. Viruses under study are: retroviruses, including HIV and SIV, (preceptors include E. Hunter, B. Hahn, G. Shaw, P. Fultz, C. Morrow), influenza viruses (G. Air, M. Luo), picornaviruses (M. Luo, C. Morrow), VSV and respiratory syncytial virus (G. Wertz), nodavirus and vaccinia virus (L. A. Ball), adenoviruses (J. Engler), papilloma viruses (T. Broker, L. Chow), and herpesviruses (R. Whitley, W. Britt).

These fellowships are only available to U.S. citizens or permanent residents. We regret that we cannot receive applications from foreign nationals.

Applications and inquiries should be sent to:
Dr. G. Air or Dr. E. Hunter
Department of Microbiology
University of Alabama at Birmingham
UAB Station
Birmingham, AL 35294
An affirmative Action/Equal Opportunity Employer
PROTEIN CHEMIST
THE UNIVERSITY OF TEXAS

The newly established Institute of Molecular Biology invites applications for the director of a protein sequencing facility. The position is available immediately, and applicants should hold a Ph.D. and be highly experienced in state-of-the-art methodology and instrumentation including protein purification, sequencing and analysis, and peptide synthesis: should be able to lead in further development of the facility; would be expected to provide educational training in the basic science. Interested applicants should send curriculum vitae, statement of experience, research interests, names and addresses of at least 3 references who may be contacted. Send CV and references to: Prof. Austin F. Edgell, Chairman Search Committee, Department of Zoology, University of Texas, Austin, TX 78712. An Affirmative Action/Equal Opportunity Employer.

AQUATIC ECOLOGIST/FISHERIES BIOLOGIST—Texas Parks and Wildlife Service. We invite applications for a Research Fishes Biologist (GS-482-11/12) to become the Assistant Unit Leader of the Colorado River and Gila River Fisheries. The position is available immediately, and applicants should hold a Ph.D. and be highly experienced in state-of-the-art methodology and instrumentation including otolith analysis, radiotelemetry, and population modeling. Interested applicants should send curriculum vitae, statement of experience, research interests, names and addresses of at least 3 references who may be contacted. Send CV and references to: Prof. Austin F. Edgell, Chairman Search Committee, Department of Zoology, University of Texas, Austin, TX 78712. An Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

M.D. MICROBIOLOGIST
Witrikar Saudi Arabia and the Royal College of Ireland will have a vacancy at its managed hospital in Tabuk, Saudi Arabia, for a M.D.-Microbiologist. The successful candidate should be highly experienced in the operation and maintenance of modern microbiology laboratories. Applicants should send curriculum vitae, statement of experience, research interests, names and addresses of at least 3 references who may be contacted. Send CV and references to: Prof. Austin F. Edgell, Chairman Search Committee, Department of Zoology, University of Texas, Austin, TX 78712. An Affirmative Action/Equal Opportunity Employer.

BILOGY POSITIONS
Kennesaw State College is recruiting two positions for September 1994: a broadly trained vertebrate physiologist, Ph.D. in Biology required; and an instructor position, all areas of biology considered, M.S. required. Candidates should have a strong commitment to teaching undergraduate courses, to conducting applied research and to participating in college service activities. Send a letter of application, résumé, a description of teaching interests and scholarly plans and names, addresses and telephone numbers of three references to: Dr. Jerald Hendrix, Department of Biological and Physical Sciences, Kennesaw State College, P.O. Box 444, Marietta, GA 30061. Mailing a position announcement is hereby discontinued. A Non-discriminatory, Affirmative Action Employer. Positions open until filled. To assure consideration, application must be received by December 10, 1993.

The University of Michigan Medical School, Department of Radiology seeks to recruit a MUSCULOLOKESLETAL RADIOLOGIST to start in the programs of patient care, teaching, and research in the Department of Radiology. Qualified applicants must hold an M.D. or equivalent medical degree and be trained in the fields of basic science research and clinical practice. Interested candidates should send a letter of application, curriculum vitae, a description of research interests and plans, and three letters of reference to: Dr. John R. McDonald, Chair, Department of Radiology, University of Michigan Medical School, Ann Arbor, MI 48109-0400. A Non-discriminatory, Affirmative Action Employer.

RESEARCH NEWS WRITER
The JOURNAL OF NIH RESEARCH wishes to hire a full-time writer for its staff in Washington, D.C. Candidate should have a graduate degree in biological science, Ph.D. preferred, and writing experience. Lively writing style and a sense of news are essential.

SEND résumé, writing samples and names of three references to:
The Managing Editor
The Journal of NIH Research
1441 1 Street N.W.
Suite 1000
Washington, D.C. 20005

PepZyme Inc.—Positions immediately available at a new biotech company, PepZyme, Inc., in Houston, Texas, for PEPTIDE/PROTEIN CHEMISTS with experience in synthesis, purification and characterization of peptides. Experience in molecular modeling and enzyme kinetics preferred. Competitive salary commensurate with experience. FAX or mail your résumé (no phone calls please) to: PepZyme, Inc., 1709 Dryden Road, Suite 901, Houston, TX 77030. FAX: 713-795-4602. PepZyme, Inc. is an Equal Opportunity Employer.


ENVIRONMENTAL RISK ASSESSMENT ANALYST—Washington-based consulting firm to Fortune 100 clients seeks analyst with graduate-level training in risk assessment, radiation/life sciences. Prefer 2 to 3 years of experience working with EFA Superfund and Hazardous Waste programs. Also, prefer training in either economics/business or law. Good communication skills a must. Send résumé with salary history to: Three Classified Advertising, 1333 H Street, N.W., Room 814, Washington, DC 20005.

ANNOUNCEMENTS

PHARMACEUTICAL DESIGN: ANTI-SENSE, TRIPLE HELIX, NUCLEIC ACID BINDING DRUGS.

COURSES AND TRAINING

CAREER CHANGE OPPORTUNITY
This unique program offers the candidate with an earned degree in music an opportunity to obtain the Doctor of Optometry (O.D.) degree in two calendar years. Employment opportunities exist in private practice, industry, research, and education. Contact: Dr. D. Chauncey, Program Director, Accelerated Program, The New England College of Optometry, Room S, 524 Beacon Street, Boston, MA 02115.
WORLD HEALTH ORGANIZATION
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
LYON, FRANCE
Unit of Field and Intervention Studies
is looking for an:

EPIDEMIOLOGIST

The I.A.R.C. conducts a broad range of studies in the fields of cancer cause and prevention. There are a large number of epidemiological projects in collaboration with investigators throughout the world, and an extensive experimental programme. The Unit of Field and Intervention Studies conducts research in two main fields:

1) Investigation of the role and infectious agents and other risk factors in the causation and human cancer and
2) Implementation of intervention studies using the information derived from the above and other aetiological studies.

The major role of the successful applicant will be to assist in the development of the programme related to the implementation of epidemiological studies using up-to-date laboratory techniques to study the role of human papillomavirus, Helicobacter pylori and other infectious agents in human cancer. In addition he/she will be expected to assist in the initiation and coordination of intervention studies. Both tasks involve the establishment of contacts with researchers throughout the world, and the coordination of collaborative projects. The applicants should have a postgraduate degree or equivalent in epidemiology/public health or in biostatistics, at least five years' postdoctoral experience and demonstrated ability to conduct research in the epidemiology of non-infectious diseases. Experience in computing, and experience in cancer epidemiology are both considered advantageous.

Annual salary (net of tax): US$42,103 at single rate and US$45,271 with primary dependents, plus a cost of living element which is at present 45, 60% of the above figures. This percentage is to be considered as indicative since variations may occur each month either upwards or downwards. A recruitment is expected by mid-1994 for an initial period of 2 years, with possibility of renewal. Those interested should write enclosing a brief curriculum vitae to:

Personnel Office
I.A.R.C.
150, Cours Albert Thomas
F-69372 Lyon cedex 08
France
Fax No.: 72 73 85 75

Candidates will be contacted only if they are under serious consideration.

THE DEPARTMENT OF COGNITIVE SCIENCE AT THE JOHNS HOPKINS UNIVERSITY expects to make an appointment in the study of human cognition. We seek an individual with a proven record of research and teaching strength in (or implicating) at least two of the following areas within Cognitive Science, Computer Science, Artificial Intelligence, Linguistics, Psychology, and/or Cognitive Psychology and Neuropsychology. A focus on the computational modeling of (aspects of) human cognition is desirable. The individual must have a Ph.D. in a related discipline and include a half time appointment in an academic department appropriate to the candidate, selected from but not limited to, the departments of Computer Science, Chemistry, the College of Pharmacy and/or the College of Medicine. Qualified candidates should have a Ph.D. in a related discipline, and experience in applied computing and teaching in computer science. The successful candidate will be expected to teach courses in the department's program and develop an independent research program. The successful candidate will be expected to teach courses in the department's program and develop an independent research program. The successful candidate will be expected to teach courses in the department's program and develop an independent research program.

Interested applicants should send a curriculum vitae, brief statements of research and teaching plans, and names of three references to Richard L. McCleary, Department of Chemistry, 120 West 18th Avenue, Columbus, OH 43210. Received before January 15, 1994. The Ohio State University is an Equal Opportunity, Affirmative Action Employer. Women, minorities, Vietnam-era veterans, disabled veterans an individuals with disabilities are encouraged to apply.

DEPARTMENT OF BIOCHEMISTRY AND MICROBIOLOGY UNIVERSITY OF VICTORIA VICTORIA, BRITISH COLUMBIA CANADA

The Department of Biochemistry and Microbiology invites applications for a full-time, tenure-track appointment at the Assistant Professor level in an area of biochemistry or molecular biology. The successful candidate will be expected to teach in our graduate and undergraduate programs and to establish a vigorous independent research program.

Our Department consists of 12 Full-time faculty member with strong research programs in molecular aspects of Biochemistry and Microbiology. Current departmental enrollment is 200 undergraduate majors, 18 M.Sc. students and 13 Ph.D. students.

The deadline for applications is February 1, 1994. Applicants should send their curriculum vitae, together with copies of recent publications, a short description of future research interests, and the names and addresses of three referees to:

Dr. Rosanne Poulton
Faculty Search Committee
Department of Biochemistry and Microbiology
University of Victoria
P.O. Box 3055, Pech Building
Victoria, British Columbia V8W 3P6
Canada

Applicants are advised to ask their referees to send confidential reports directly to the Department without waiting to be contacted. The appointment will be made in accordance with Canadian Immigration requirements. Priority will be given to Canadian citizens and permanent residents of Canada. The University of Victoria is an equal opportunity employer and encourages applications from women, persons with disabilities, visible minorities, and Aboriginal persons.
1994-95
AAAS Fellowships for Scientists & Engineers

Congressional

AAAS Congressional Science & Engineering Fellows Program

Fellows spend one year on Capitol Hill working with Members of Congress or congressional committees as special assistants in legislative and policy areas requiring scientific and technical input. Two fellowships will be offered, with annual stipends of $40,000.

Technology Policy

AAAS-Sloan Executive Branch Science & Engineering Fellows Program, and the AAAS-Critical Technologies Institute Science & Engineering Fellows Program

Fellows spend one or two years, working in either the White House Office of Science and Technology Policy, or the RAND Critical Technologies Institute, providing expertise in industrial research and development, technology transfer, international competitiveness, and related issues. At least one Fellow will be selected for each program. Applicants must have a minimum of five years industrial experience, as midlevel or senior executives. Stipends are negotiable, depending on qualifications and experience. Applicants must be U.S. citizens.

Diplomacy

AAAS Science, Engineering, & Diplomacy Fellows Program

Fellows work in international affairs on scientific and technical subjects for one year, either in foreign policy at the U.S. Department of State or in international development for the U.S. Agency for International Development. One Fellow will be selected at State to focus in the areas of biodiversity and conservation and approximately 12 Fellows will be selected at USAID. The annual stipend varies with experience, starting at approximately $40,000. Applicants must be U.S. citizens.

Environmental

AAAS Environmental Science & Engineering Fellows Program

Fellows work as special research consultants with the Office of Research and Development (ORD) of the U.S. Environmental Protection Agency for 10 weeks in the summer. The detailed, future-oriented research assists ORD in assessing the significance of long-range environmental problems. The stipend is $1,000 a week. Applicants must be U.S. residents. Ten Fellows will be selected.

Applicants should be postdoctoral to midcareer scientists and engineers, from any physical, biological, or social science or any field of engineering. The programs are designed to provide each Fellow with a unique public policy learning experience; to make practical contributions to the more effective use of scientific and technical knowledge in the U.S. government; and to demonstrate the value of science and technology in solving important societal problems. All Fellows participate in a rigorous orientation on the relevant congressional and executive branch operations and foreign affairs plus a year-long seminar series on issues involving science, technology, and public policy. The Congressional, Diplomacy, and Technology Policy programs begin in September 1994, and the Environmental program begins in June 1994.

All application deadlines are January 15, 1994.

For additional program information and application instructions, write:

Fellowship Programs/Directorate for Science and Policy Programs
American Association for the Advancement of Science
1333 H Street, NW, Washington, DC 20005 202/326-6600
Applications are invited for a position as full professor of structural biology with special emphasis on X-ray crystallographic studies of biological macromolecules.

The position is associated with a new interdisciplinary research center, Umeå Center of Molecular Pathogenesis, which is presently being formed. This center will initially be devoted to different aspects of programmed cell death or related research fields. The Center will be located in a new building (completed April 1994) also including the Departments of Microbiology and Cell and Molecular Biology, both leading research establishments in Scandinavia. The scientific community is comprised of several additional, internationally competitive groups in the fields of cell biology, immunology, chemistry and biochemistry.

Candidates should have a distinguished record of research in the area of biomolecular X-ray crystallography as well as documented teaching qualifications. The successful candidate will obtain adequate resources to carry out independent research and is expected to interact with other research groups within the Center.

Further information (including application procedure) can be obtained from Professor Sven Lindskog, Department of Biochemistry, University of Umeå, S-90187 Umeå, Sweden. Phone: +46-90-165387. Fax: +46-90-167661.

The closing date for completed applications is February 1, 1994.
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