POSITIONS OPEN

EMORY UNIVERSITY
School of Medicine

FACULTY POSITIONS IN RADIATION ONCOLOGY

The Division of Cancer Biology of the Department of Radiation Oncology at Emory University School of Medicine invites applications for two tenure-track, basic science faculty positions, one at the ASSISTANT PROFESSOR rank and one at the ASSOCIATE PROFESSOR rank. The emphasis for both positions will be research, but are not restricted to, studies of the molecular mechanism of cellular response to radiation and other environmental stresses, mutagenesis, and tumor progression and metastasis. The candidate will utilize basic science knowledge of cancer biology, radiation biology, and/or radiation biology. The successful candidate will have a demonstrated competency in teaching. Preference will be given to candidates with postdoctoral experience. Candidates will be expected to establish a strong extramurally funded research program, collaborate with faculty in interdisciplinary research, and provide career development guidance to students. Appointments at the assistant professor rank and above will require a Ph.D. or M.D. degree and, for the Assistant Professor position, at least two years of postdoctoral research experience.

Candidates should hold a Ph.D. or M.D. degree and, for the Assistant Professor position, at least two years of postdoctoral research experience. Applicants for the Assistant Professor position will have an established record of extramurally funded research and be expected to provide career development guidance to students.

Candidates for the Associate Professor position will have an established record of extramurally funded research and be expected to provide career development guidance to students.

The Division of Cancer Biology of the Department of Radiation Oncology at Emory University School of Medicine, Loughlin Radiation Oncology Center, 145 Edgewood Avenue, S.E., Atlanta, GA 30335-3801. Emory University is an Equal Opportunity/Affirmative Action Employer.

The University of California, San Diego (UCSD), Department of Chemistry and Biochemistry invites applications for a tenure-track position in Biochemistry at the ASSISTANT PROFESSOR level. Candidates must have a Ph.D. and demonstrated ability for creative research and teaching at the undergraduate and graduate levels. The committee is particularly interested in receiving applications from chemists, biochemists, structural biologists, and molecular biologists with research interests in signal transduction processes, cell-cell interactions, cell proliferation and growth control, receptors, cellular adhesion and other relevant molecules, or the structure and function of other important biomolecules. The appointee will have the opportunity to interact with the UCSB Cancer Center which has a strong program in molecular virology, immunology, glycobiology, growth control, and cancer genetics. Salary commensurate with qualifications and based on University of California pay scale. Position subject to availability of funds. Candidates should send a curriculum vitae, a list of publications, and full publication list and names of at least three references to: Chair, Biochemistry Search Committee, University of California, San Diego, Department of Chemistry and Biochemistry, La Jolla, CA 92037.

FAX: 858-534-3323.

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

ASSISTANT PROFESSOR of Biology. The Biology Department invites applications for a tenure-track position beginning August 1995. Ph.D. required. Teaching experience preferred. The candidate must be qualified to teach vertebrate and human anatomy and physiology, general biology for majors, and introductory level courses for non-majors. Applications, which must include all of the following: (1) a statement of research interests and a list of publications, and (2) three letters of recommendation, should be submitted by October 15, 1995 to: Michael C. Harbaugh, Neurology Department, Saint Peter's College, Jersey City, NJ 07306.

Saint Peter's College is an Equal Opportunity/Affirmative Action Employer and complies with Title IX of the Education Amendments of 1972 and with Section 504 of the Rehabilitation Act of 1973.

The Department of Biological Sciences at Northern Arizona University invites applications for a tenure-track ASSISTANT PROFESSOR position in Animal Behavior August 1995. Teaching will include a contribution to the pre-senior and health, curriculum, e.g., human anatomy and physiology, upper division/graduate level course in area of expertise. Ph.D. required in area of application or in related field. Teaching responsibilities include a diverse array of courses, including introductory and upper division courses. The successful candidate will have a demonstrated ability to teach, research, and advise undergraduate and graduate students. The successful candidate will be expected to establish a strong extramurally funded research program, collaborate with faculty in interdisciplinary research, and provide career development guidance to students. The successful candidate should have a demonstrated competency in teaching. Preference will be given to candidates with postdoctoral experience. Candidates will be expected to provide career development guidance to students.

Submit application materials to: Biology Search Committee, Department of Biological Sciences, Box 5640, Northern Arizona University, Flagstaff, AZ 86011. Northern Arizona University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS

Eukaryotic Molecular Biology and Molecular Evolution

The Department of Biological Sciences, University of Cincinnati announces tenure-track positions (ASSISTANT PROFESSOR level) beginning September 1, 1995. The openings include a (1) Eukaryotic Molecular Biology position.

The individual is expected to develop a rigorous, externally funded research program, to interact with departmental faculty with similar interests, and to participate in directing graduate student (M.S. and/or Ph.D.) research in his/her specialty using molecular techniques. Teaching duties will include participation in the undergraduate, graduate courses in the departmental molecular biology offerings, as well as contributing to undergraduate core or service courses. Candidates must have a Ph.D. or equivalent degree plus at least two years of postdoctoral experience. Submit a curriculum vitae, a one-page statement of proposed research program, a statement of teaching qualifications/interests, and three letters of recommendation no later than February 1, 1995, to: Dr. Ralph R. Meyer, Chair, Molecular Biology Search Committee, Department of Biological Sciences, University of Cincinnati, P.O. Box 210006, Cincinnati, OH 45221-0006. Fax: (513) 556-5299. The University of Cincinnati is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

Behavioral Neuroscience: Tenure-track appointment at the ASSISTANT PROFESSOR level beginning fall of 1995. Candidates should have a Ph.D. in Psychology or Neuroscience and significant postdoctoral research experience. Responsibilities include the development of an externally funded research program and contributions to undergraduate and graduate teaching. Applicants should send curriculum vitae, a statement of research interests and three letters of recommendation before February 1, 1995, to: Dr. Thomas Gan, Chair, Molecular Evolution Search Committee, Department of Biological Sciences, University of Cincinnati, P.O. Box 210006, Cincinnati, OH 45221-0006. The University of Cincinnati is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
Listed below are a few of the outstanding opportunities for conducting research that are now available at the National Institutes of Health.

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**Tenure-Track Position**

**Assistant Professor Equivalent**

**Molecular Geneticist**

Clifton Bogardus, MD

Position available to develop an independent research program into the genetic causes of diabetes mellitus in the Pima Indians of Arizona. Candidates should have experience in human molecular genetics, including PCR-based genotyping, physical mapping, gene isolation and identification, and gene expression. Support by a technician, postdoctoral fellow and a fully equipped laboratory will be provided. A two-page statement of research interests and goals should be submitted in addition to three letters of recommendation. Clinical Diabetes and Nutrition Section (OE-62), NIDDK, 4212 North 16th Street, Phoenix, AR 85016.

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**Postdoctoral Positions**

**Calcium Regulation**

Seung Hyun Yoo, PhD

Biochemical and molecular biological approaches are used to study calcium control mechanisms. Ongoing projects include studies of the inositol 1,4,5-trisphosphate receptor/calcium channel and the calcium storage protein, chromogranin A. Applicants should have a solid background in molecular biology and biochemistry. Laboratory of Neurochemistry (OE-62), NIDCD, Building 5 Res. Ct., Room 2B44, 5 Research CT MSC 3320, BETHESDA MD 20892-3320.

**Hemoglobin-Based Blood Substitutes**

Abdu I. Alayash, PhD

Stroma-free hemoglobin, chemically or genetically altered, is being investigated as a potential blood substitute. Problems under investigation include the effects of oxygen and nitric oxide uptake and delivery by selected hemoglobin constructs, as well as, oxygen free radicals on the normal cell structure and function. Applicant should have less than five years of postdoctoral experience. Laboratory of Cellular Hematology (OE-62), CBER/FDA (HFPM 335), Building 29, Room B-10, 8800 Rockville Pike, Bethesda, MD 20892.

**Molecular and Cellular Biology**

Anton Jetten, PhD

The action and function of several nuclear (orphan) receptors in the regulation of gene expression and differentiation are being investigated. Studies involve characterisation of response elements, interaction with other transcriptional factors and gene knockouts. Applicants must have training in molecular biology techniques and have less than five years of relevant postdoctoral experience. Laboratory of Pulmonary Pathobiology (OE-62), NIEHS, P.O. Box 12233, MD D2-01, Research Triangle Park, NC 27709.

**Molecular Cell Biology**

Sachiyo Kawamoto, MD, PhD

The regulation of nonmuscle myosin II heavy chain gene expression during cell proliferation and muscle and neuronal cell differentiation is being studied at the level of transcription and alternative splicing of pre-mRNA. Applicants should have a strong background in molecular biology and have less than five years of postdoctoral experience. Laboratory of Molecular Cardiology (OE-62), NHLBI, Building 10, Room 8N202, 10 CENTER DR MSC 1762, BETHESDA MD 20892-1762.

**Molecular Dosimetry and Epidemiology**

George W. Lucier, PhD

Knowledge and techniques in molecular biology are applied to investigations designed to determine effects of low dose exposures to environmental agents. Animal models, cell systems and human samples are used. Studies encompass mutation analysis and signal transduction elements. Applicants must have less than five years of postdoctoral experience. Laboratory of Biochemical Risk Analysis (OE-62), NIEHS, P.O. Box 12233, MD A3-02, Research Triangle Park, NC 27790.

**Papillomavirus Replication and Gene Regulation**

Alison A. McBride, PhD

The mechanisms by which the papillomavirus E1 and E2 proteins regulate viral DNA replication and transcription are being investigated. Candidates should have experience in molecular biology, biochemistry or cell biology and have less than five years of postdoctoral experience. Laboratory of Viral Diseases (OE-62), NIAID, Building 4, Room 137, 4 CENTER DR MSC 0455, BETHESDA MD 20892-0455.

Additional Postdoctoral Fellowship Opportunities

For an on-line listing of additional postdoctoral openings, you may access the NIH EDNET Bulletin Board POSTDOC conference via Internet (wylbur.cu.nih.gov) or modem (1,301-402-2221 or 1,800-358-2221) with parameters set at "7,Even,1." When connected to NIH, type in "F5E" for terminal emulation, "F5E" for initials, and "AJ11" for account number.

The Postdoctoral Research Fellowship Opportunities catalog, which describes intramural laboratories at the NIH, is also available by request. An electronic version of the catalog may be accessed via the Internet using either the Gopher Information System (gopher.nih.gov) or the World Wide Web (http://www.nih.gov). When connected, select Research Opportunities at the NIH Office of Education. If you would like to request a catalog or have further questions, please contact the Office of Education, Building 10, Room 1C129, 10 CENTER DR MSC 1158, BETHESDA MD 20892-1158, 301-402-1603, Fax 301-402-0483.

To Apply

If you hold a doctoral degree (e.g., PhD, MD/PhD, MD, DO, DDS, DMD or DVM) accompanied by previous laboratory research experience, and would like to be considered for one of these positions, please send a cover letter, curriculum vitae, bibliography, and statement of research interests to the address listed with each position. In addition, please arrange to have letters of recommendation sent from three scientists who can provide an evaluation of your qualifications.
Applications are invited from outstanding individuals interested in doing independent basic research in various areas of Environmental/Earth Sciences, in particular Atmospheric Sciences, Environmental Microbiology, Groundwater Hydrology, Hydrochemistry, Oceanography, Paleoclimatology, and Global Ecology. Research positions will be considered at all levels, although appointments are normally given to the rank of ASSISTANT PROFESSOR, tenure-track level. Please send curriculum vitae, list of publications and a statement of research interests (one to two pages) to:

Dr. L. S. Zeewin
Department of Environmental Sciences
Weizmann Institute of Science
Rehovot 76100, Israel
Email: citizeper@weizmann.ac.il
FAX: 972-8-344124; Telephone: 972-8-342544

HARVARD MEDICAL SCHOOL
DEPARTMENT OF PATHOLOGY

The Department of Pathology at Harvard Medical School searches well-qualified (Ph.D., M.D., or M.D.) applicants for positions of ASSISTANT or ASSOCIATE PROFESSOR as part of an expansion of a basic research program in tumor biology. Candidates should have a strong background in research related to postdoctoral or independent research and have the capability of directing an independent research program in an academic setting. Consideration is given to candidates with Ph.D. in cell cycle control, transcriptional regulation, tumor suppressor genes, and signal transduction as they relate to cancer biology and viral oncology. Candidates are expected to participate in the teaching activities of the department for medical students, graduate students, and postdoctoral fellows. Recently renovated laboratory research space is available for this recruitment which is scheduled for the summer of 1995. Applicants should send their curriculum vitae, a statement of research interest, and the names of three references to: Dr. Peter M. Howley, F.A.C.S., Department of Pathology, Har- vard Medical School, Building D2, 6th Floor, 200 Longwood Avenue, Boston, MA 02115. Harvard Med- ical School is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

The Department of Microbiology at the University of Minnesota invites applications for a tenure-track position at ASSISTANT PROFESSOR rank beginning July 1, 1995, subject to final budgetary approval. Applicants must have a Ph.D. and/or M.D. degree in a relevant area of postdoctoral experience in molecular genetics/biology. Re- sponsibilities will include undergraduate and graduate teaching, and the direction of a vigorous independent research program. Opportunities exist for collaborations in a variety of related areas. Salary is dependent on qualifications and will normally be between $36,528 and $48,000. The University welcomes applications from Canadian citizens and permanent residents. Applicants should submit a curriculum vitae, a description of research interests and the names and addresses of three references to: Dr. Peter C. Loewen, Department of Microbiology, University of Minnesota, Minneapolis, Minnesota, 55455. For further information, write to the above address FAX: 204-275-7615 or Email to: ploewen@ bldgwall1.an1.umn.edu. Applications should be received by March 15, 1995. The University of Minnesota encourages applications from qualified women and men, including members of visible minorities, Aboriginal people, and persons with disabilities. The University offers a smoke-free work environment, save for specially designated areas.

ASSISTANT OR ASSOCIATE PROFESSOR TENURE-TRACK

We are seeking a talented molecular or cellular immu- nologist who has demonstrated originality and who is committed to excellence in teaching. The candi- date is expected either to have or to complete within three years his/her own externally funded research program. Outstanding facilities and attractive start-up funds are available. Submissions will be accepted anytime, with a statement of research interest and a list of three references to: Dr. Katherine Knight, Chairperson, Department of Microbiology and Immun- ology, Loyola University Chicago, Stritch School of Medicine, 2160 South First Avenue, Building 105, Maywood, IL 60153.

UNIVERSITY OF COLORADO
HEALTH SCIENCES CENTER
TWO FACULTY POSITIONS
MOLECULAR TOXICOLOGY AND BIOCHEMISTRY

The Department of Pharmaceutical Sciences in the School of Pharmacy invites applications for one or two new tenure-track positions at the level of ASSISTANT or ASSOCIATE PROFESSOR. This first individual will be expected to work in the Pharmaceutical Sciences or Medicinal Chemistry and be able to complement current research efforts in Chemical or Molecular Toxicology. Research area may include the genetic regulation of glutathione metabolism or toxicant-induced alterations in gene expression, but individuals applying molecular methods to significant problems in areas of toxicology or biochemistry will be considered. The second appointment is in Biochemistry/Molecular Biology. A research emphasis in signal transduction or translational activation as applied to problems in biochemical pharmacology, gene therapy, cell or cancer biology would be preferred. The School of Pharmacy offers a stimulating and interactive environ- ment for students and faculty. Ambitious and well-qualified applicants are encouraged to apply. The successful candidate will be expected to develop an independent and externally funded research program and complete a Ph.D. or M.D. degree. Salary will depend on qualifications and will include a start-up package. Applicants should send their curriculum vitae, a statement of research interest, and the names of three references to: Dr. Richard T. Leonard, Professor and Head, Department of Pharmaceutical Sciences, University of Colorado Health Sciences Center, 4200 C238, University of Colorado Denver, CO 80262. The University of Colorado Health Sciences Center is committed to Equal Opportunity and Affirmative Action.

HARVARD MEDICAL SCHOOL
DEPARTMENT OF PATHOLOGY

The Department of Pathology at Harvard Medical School seeks well-qualified (Ph.D., M.D., or M.D.) applicants for positions of ASSISTANT or ASSOCIATE PROFESSOR, tenure-track. Candidates will have completed three to five years of relevant postdoctoral or independent research and have the capability of directing an independent research program in an academic setting. Consideration is given to candidates with Ph.D. in cell cycle control, transcriptional regulation, tumor suppressor genes, and signal transduction as they relate to cancer biology and viral oncology. Candidates are expected to participate in the teaching activities of the department for medical students, graduate students, and postdoctoral fellows. Laboratory space is available for this recruitment which is scheduled for the summer of 1995. Applicants should send their curriculum vitae, a statement of research interest, and the names of three references to: Dr. Peter M. Howley, F.A.C.S., Department of Pathology, Har- vard Medical School, Building D2, 6th Floor, 200 Longwood Avenue, Boston, MA 02115. Harvard Med- ical School is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

BIOLOGY EDUCATION
ASSISTANT PROFESSOR
WRIGHT STATE UNIVERSITY

The Department of Biological Sciences invites applica- tions from candidates for a tenure-track position as an ASSISTANT PROFESSOR specializing in biology education, to be- gin September 1995. The appointment will be primarily instructional, with research and graduate course development as areas of professional interest. Candidates will include a secondary joint appointment with the College of Education. Teaching duties will include a biology course for non-majors, and one or more upper-level courses in education, and, if appropriate, a course in the science of specialization. Candidates must have at least a Master's degree in Biology and a Ph.D. or Ed.D. by September 1995. Experience in teaching pre-college science is very desirable. An active program of scholarship in science education, including publications and proposal writing, is encouraged. Preference will be given to candidates whose presentation and teaching philosophy is innovative. A letter of appli- cation, curriculum vitae, statements of intended research and teaching interests, and three letters of reference. All appli- cations will be considered until February 1, 1995. Wright State University is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR
SPEM

This twelve-month, tenure-track position (80% re- search and 20% teaching) will begin July 1, 1995. The successful candidate is expected to conduct basic and applied research on the science and culture of turgurs in the southwestern United States. The individual will work closely with the turgurs as a member of the Department, with faculty members in the Soil and Water Sciences Department, and with the turgurs of the southwestern United States. Particular interest will be given to further development of the University of Arizona, Karsten Laboratory and Desert Turgurs Research Facility is expected. The teaching load will be three courses per year, with seven weeks per alternating between a junior level course in turgurs management and a more advanced course on management of turgurs in high intensity situations. The position requires a Ph.D. degree in a plant or soil science or a closely related field with an emphasis in turgurs science and culture. Candidates must demonstrate excellence in research and communications skills as well as a commitment to engage the public in their work. The University offers a sabbatical leave policy, a competitive salary, and an attractive benefits package, including health insurance, a retirement plan, and a paid vacation policy.

ASSISTANT OR ASSOCIATE PROFESSORSHIP Department of Molecular and Biological Medicine
Albert Einstein College of Medicine

This department is seeking an ASSISTANT or ASSOCIATE PROFESSOR interested in the elucidation of molecular mechanisms underlying complex biological systems. The Department has broad interests and will accept applications in diverse areas, including signal transduction, immunology, determinants of growth, intracellular sorting, macromolecular synthesis and growth control. The current faculty are: Ruth H. An- gelettii (post-translational processing of neurotropic precursors), Umadas Maitra (transduction in eukaryotic cells), Tamar Michaeli (signal transduction pathways of RAS proteins), Jeffrey W. Pollard (growth factors in early mammalian development), Rosemary Reinke (cell-cell interaction in Drosophila eye development), Dennis Shields (protein sorting in the secretory pathway), E. Racioppi and D. L. Liebler (growth factor signal trans- duction), Leslie Stevens (cell-cell interaction in Drosophila development) and Duncan W. Wilson (protein trafficking and membrane biology). Applicants should submit a curriculum vitae, recent publications, a description of their research plans to: Dr. Richard Stanley, Professor and Chairman of Developmental and Molecular Medicine, Albert Einstein College of Medicine of Yeshiva University, Jac and Pearl Resnick Campus, 1300 Morris Park Avenue, Bronx, NY 10461. Applications should be received before March 1, 1995. An Equal Opportunity Employer.

ASSISTANT PROFESSOR
BIOLOGY

The University of Portland invites applications for a tenured position as ASSISTANT PROFESSOR in biology, which offers a strong commitment to teaching and undergraduate re- search in a private Catholic teaching university. A Ph.D. is required. The successful candidate will teach molecular biology, introductory biology and courses in one or more of the following: microbiology, embryology, cell biology, environmental science, invertebrate zoology and/or evo- lution. The position will begin in Fall 1995. Complete applications should include a curriculum vi- tae, along with statements of teaching and research inter- ests, contact information for three references, and copies of teaching evaluations (if available). Applications should be received by January 9, 1995. Send applications to:

Chair, Biology Search Committee
University of Portland
5000 North Willamette Boulevard
Portland, OR 97203-5795

The University of Portland is an Equal Opportunity Employer and encourages application of women and minority candidates.
Faculty-Level Position
In Laboratory of Parasitic Diseases
National Institutes of Health

A position is available for a leader of an independent group in molecular and/or cellular studies of parasitic protozoa. The position is for tenure/tenure track in the Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health. We are looking for a person who can contribute to and profit from the many strengths of the intramural program. U.S. citizenship is required. Application submission deadline is 30 days from the date of this publication. Position targeted for EEO recruitment efforts.

Applications should include a Curriculum Vitae with bibliography, statement of research interests and the names and addresses of three references. Applications should be sent to:

NIAID Personnel Office
Bldg 31, Rm 7A-20
National Institutes of Health
9000 Rockville Pike
Bethesda, Maryland 20892
ATTN: Kristie Daniel

NIH is an Equal Opportunity Employer

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**RESEARCH ASSOCIATE**

**Plant Cell Biologist**

M.S. with 2 years or B.S. with 4 years laboratory experience. Pioneer Hi-Bred International Inc., a world leader in agriculture, seeks a highly motivated Research Associate in Plant Cell Biology. Responsibilities include conducting experiments, adapting procedures as appropriate and developing experimental strategies under guidance of the research manager. Experience with laboratory techniques including tissue culture techniques is essential.

We offer excellent compensation, benefits and career growth potential, as well as excellent facilities and a highly cooperative research environment. Please send cover letter indicating job number and C.V. by January 1, 1995 to: Pioneer Hi-Bred International, Inc., Dr. Judy Winkelpleck, Director-Workforce Planning and Employee Relations, Job# 1035, 6800 Pioneer Parkway, P.O. Box 212, Johnston, IA 50131-0212. We are an Equal Opportunity Employer.

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Pfizer Inc, a Fortune 100 company, one of the largest pharmaceutical companies, and a multi-million dollar industry leader, can offer you a world of challenge, opportunity and achievement. At our state-of-the-art laboratories you can make a significant contribution to the research and development of exciting new products to be introduced in the coming decade... and the next century.

**CLINICAL MEASUREMENTS LABORATORY**

The principle mission of the Clinical Measurements Laboratory is to develop and implement new biochemical assays, relevant to humans, which are pivotal to decision making in the drug discovery and development process. To accomplish this goal, Clinical Measurements will work closely with colleagues in Discovery Research, Clinical Pharmacology and Experimental Medicine, Clinical Development and early development project teams. Currently, we are seeking a highly motivated Ph.D. level research and/or senior research scientist, as well as a BS/MS level scientist with the following backgrounds:

**Ph.D.**

Responsibilities of the successful candidate will include designing and executing experiments involving: HPLC, raising antibodies, protein purification, development of immunoassays (competitive ELISAs, capture ELISAs and radioimmunoassays. This position requires a Ph.D. or the equivalent in biochemistry, immunology, or immunochemistry, or related science. A solid background in protein chemistry is also required. Strong oral and written communication skills are a must. Prior postdoctoral and/or industry experience is highly desired.

**BS/MS**

Pfizer currently has an opening for a BS/MS level molecular immunologist with experience in molecular biology techniques. The candidate should have an interest in applying state-of-the-art expertise in this area toward generating and evaluating assays important for early clinical studies. Ideally, the candidate will possess a BS and eight years of relevant experience or an MS and six years of relevant experience. Candidates should have a broad background in techniques such as monoclonal antibody production, ELISAs, quantitative PCR, SSOP analysis, and RFLP analysis. In addition to direct experience with these techniques and an interest in applying them to clinical populations, candidates should also have excellent written and oral communication skills.

We offer competitive salaries and a full range of benefits, including medical and dental insurance, paid holidays and vacations, educational assistance, savings and investment plan, pension plan, relocation assistance and more. Our R&D facility, located in a southeastern Connecticut shore community, gives access to well-known academic and cultural centers of the Northeast and offers the attractions of a New England lifestyle. To learn how you can be a part of the future of Pfizer, send your resume to: Mr. D.S. Meyers, Supervisor, Employee Resources, Pfizer Central Research, Eastern Point Road, Groton, CT 06340. Principals only, no agencies please. An equal opportunity employer. M/F/D/V.
FACULTY POSITION: UNIVERSITY OF COLORADO

MIDDLE ATMOSPHERIC SCIENCE
Department of Atmospheric, Planetary and Atmospheric Sciences
and Laboratory for Atmospheric and Space Physics

The Department of Atmospheric, Planetary and Atmospheric Sciences (APAS) and the Laboratory for Atmospheric and Space Physics (LASP) at the University of Colorado, Boulder, invites applications for a tenure-track position in the area of Middle Atmospheric Science. Preference will be given to candidates at the ASSISTANT PROFESSOR level, but candidates at all levels will be considered. Applicants are looking for applicants with expertise in the area of middle atmospheric energetics, dynamics, and/or chemistry. Preference will be given to experimentalists, or those with experience in launching sounding balloons and related missions or relevant instrumentation. Consideration will also be given to highly qualified modelers or data analysis specialists. The new faculty member is expected to teach at both the undergraduate and graduate levels and initiate significant research programs. Opportunities will exist to work with colleagues in the APAS department, in LASP, in affiliated Centers and Institutes, and in other scientific organizations in the Boulder community. The deadline to apply is 1 February 1995. Applicants should send their curriculum vitae and three letters of recommendation to: Daniel N. Baker, LASP/ APAS Atmospheric Sciences Search Committee, Campus Box 302, University of Colorado at Boulder, Boulder, CO 80309-0392. Email: Baker@Colorado.edu.

ASSISTANT PROFESSOR

The Department of Biochemistry of the University of New Jersey (UMDNJ) is seeking an ASSISTANT PROFESSOR who should have postdoctoral training and significant research accomplishments in molecular biology, biochemistry, or development biology. Successful candidate should establish a vigorous research program in addition to teaching medical and graduate students. Position requires a Ph.D., M.D., or equivalent.

Please send resume, including salary requirements, to: Masayoshi Tanaka, Professor and Head, Department of Biochemistry, UMDNJ-Robert Wood Johnson Medical School, 675 Hoes Lane, Piscataway, NJ 08854-6635. UMDNJ is an Affirmative Action/Equal Opportunity Employer and resolves all issues of non-discrimination and disabilities. A member of the University Health System of New Jersey.

ASSISTANT PROFESSORSHIP

ECOLOGY/ENVIRONMENTAL BIOLOGY

Ph.D. in Biology. Broad-based research interests in Ecology/Environmental Biology required. Teach B.S. Plant and Animal Form and Function, B.S./M.S. field ecology, and environmental science courses in biology. Development of an active field-based research program with B.S./M.S. students expected. Subject to available funds. Review of applications and resumes will begin not later than February 15, 1995, and continue until an appointment is made. Send application including current resume, three letters of reference and transcripts, to: Dr. Bonnie Gautreaux, Biology Department, Box C316V4, Montclair State University, Upper Montclair, NJ 07043. Montclair State University is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF ARKANSAS

AT LITTLE ROCK

TWO FACULTY POSITIONS

The Department of Biology at the University of Arkansas at Little Rock invites applications for two positions available August 1995. We seek a tenure-track ASSISTANT PROFESSOR with expertise in molecular biology and a non-tenure-track, full-time faculty position in the area of Molecular Biology. The University of Arkansas at Little Rock is an Equal Opportunity/Affirmative Action Employer.

PLANT BIOLIGIST

DEPARTMENT OF BIOLOGY

CENTRAL MICHIGAN UNIVERSITY

The Department of Biology at Central Michigan University invites applications for a ten-month, tenure-track ASSISTANT PROFESSOR position in plant biology to begin August 1995. A Ph.D. in Botany or a related area is required. A strong preference will be given to candidates with teaching/research goals in molecular biology, botany, and/or genetics. Evidence of interest and research interests in environmental or ecological questions are also preferred. The successful candidate will be expected to teach under- and graduate level courses (one each) and to establish a research program, and to secure extramural funding. Application review will begin January 15, 1995. Send curriculum vitae, statement of research interests, references, 3 letters of reference to: Botany Search Committee, Department of Biology, Central Michigan University, Mt. Pleasant, MI 48859. FAX: 517-774-3462.

Central Michigan University (Affirmative Action/Equal Opportunity Institution) encourages diversity and reserves the right to offer positions to any candidate who meets the requirements, regardless of sex, race, disability, sexual orientation or other irrelevant criteria.

ASSISTANT PROFESSOR

MICROBIOLOGY

Tenure-track position, beginning September 1995. Ph.D. required in Microbiology or an area closely related to microbiology. The position is an Assistant Professor, tenure-track position at the University of Washington. The candidate will develop an undergraduate laboratory course in microbiology serving biology and nursing students. The candidate may develop support material for an advanced level course in a related area. A research interest in systems involving bacterial interactions, viruses, organelles or other physiological aspects of plants and animals as they interact in the natural world is required. Strong commitment to teaching with computer applications in the discipline, ability to work with a culturally diverse student body, and the development of a fundable research program are required. Applicants must submit a letter of application, statement of teaching philosophy, research goals, resume, transcripts, and three letters of reference to: Edward J. Kelly, Assistant to the President, SUNY Brockport, Brockport, NY 14420 by January 16, 1995. Salary Negotiable. An Affirmative Action Equal Opportunity Employer.

Environmental Science/Environmental Health. Washington State University invites applications for a tenure-track, ASSISTANT PROFESSOR position in Environmental Sciences and Regional Planning. Qualifications include: a doctorate with emphasis on some aspect of environmental health such as ecological or environmental toxicology, environmental epidemiology, or risk assessment; desire to teach in interdisciplinary B.S., M.S., M.K.P. and Ph.D. programs; capability in generating and completing funds; include: an introductory course on “Natural Science in the Environment”; advanced courses; and leadership in an environmental health curriculum. The application deadline is March 1, 1995. For application package contact: Program in Environmental Science and Regional Planning, Washington State University, Pullman, WA 99164-4430. Telephone: 509-335-8536; FAX: 509-335-7636; Email: Franzwssum1.cwssu.edu. Washington State University is an Equal Opportunity/Affirmative Action Education and Employer. Protected groups are encouraged to apply.

Cell Biology: York University, Toronto, Canada. Faculty of Pure and Applied Science. Department of Biology. Applications are invited for a tenure-track appointment at the ASSISTANT PROFESSOR level, to begin July 1, 1995. Candidates are expected to have a substantial research record in the general field of cell biology and to have potential for continued progress in cell and molecular biology technology. The appointee will be expected to develop a strong research program and to carry a normal teaching load. Applications, including curriculum vitae, a recent publication and three letters of reference, should be sent to: Dr. P. B. Moens, Chair, Search Committee for Cell Biologist, Department of Biology, Faculty of Pure and Applied Science, York University, North York, Ontario, M3J 1P3 Canada. Application deadline is January 30, 1995. York University is implementing a policy of employment equity for women faculty. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

FACULTY POSITION: UNIVERSITY OF OHIO

DEPARTMENT OF MOLECULAR AND MEDICAL GENETICS

Ohio Health Science University

Applications are invited for a tenure-track position at the ASSISTANT PROFESSOR level. The Department seeks individuals who have demonstrated excellence in research. Preference will be given to candidates with research interests in cellular, molecular, or developmental genetics. Applicants should include a curriculum vitae, a brief description of research accomplishments, a brief statement of future research goals, and the names of three references. Please address applications to: Search Committee Chair, Department of Molecular and Medical Genetics, 1L03

Ohio Health Sciences University

3181 SW Sam Jackson Park Road
Portland, OR 97201-3098

FACULTY POSITION IN CANCER RESEARCH

ASSISTANT OR ASSOCIATE PROFESSOR

ASSISTANT or ASSOCIATE PROFESSOR with Ph.D. to investigate cell biology of malignancy related to radiation and drug resistance. A strong background research in radiation and/or molecular biology is required. Applicant must have publications and references demonstrating a strong basic science background as well as commitment to understanding the biology of disease processes and investigating questions important to clinical cancer treatment. Send a curriculum vitae, statement of research goals, and the names of three references to: Dr. Fred Tanner, Director, Division of Arts and Sciences, Winston-Salem State University, 1000 West Fisher Road, Winston-Salem, NC 27110.

Winston-Salem State University is an Equal Opportunity Employer. Applications must be submitted to: Dr. Robert W. Shaw, Department of Chemistry and Biochemistry, Box 41061, Texas Tech University, Lubbock, TX 79409. Texas Tech University is an Equal Employment Opportunity/Affirmative Action Employer.

BIOCHEMISTRY ASSISTANT PROFESSOR

The Texas Tech University Department of Chemistry and Biochemistry invites applications for a full-time, tenure-track ASSISTANT PROFESSOR position. A Ph.D. degree is required; postdoctoral experience is preferred. The successful candidate should have outstanding potential in teaching and establish a vigorous research program in experimental or computational aspects of protein chemistry. Teaching duties will include a graduate course in Proteins. Candidates should submit a curriculum vitae, a description of proposed research and names and addresses of three references to: Dr. Martin Luther King, Jr. Drive, Winston-Salem, NC 27110.

Winston-Salem State University is an Equal Opportunity Employer. The University invites applications from women and minorities.

ASSISTANT PROFESSOR

Tenure-track. Biology Department, Winthrop University. Duties include teaching of field botany, a course related to floristics/vegetational analysis, and an one semester internship. Applicants are expected to have the Ph.D. degree in botany or biology with botanical specialization. Applicants should provide a letter of application, curriculum vitae, statements of research interests, and three letters of reference sent directly to: Dr. Luckett V. Davis, Chair, Biology Department, Winthrop University, Rock Hill, SC 29733. Applications will begin to be reviewed February 1, 1995. Winthrop University is an Equal Opportunity/Affirmative Action Employer.
**Protein Biochemistry**

Instrumentation Laboratory (IL), a worldwide leader in the research and development of reagent biomedical instrumentation test systems, is currently seeking individuals for its Lexington, Massachusetts, facility.

**Scientist**
Responsibilities include assisting in the development and routine performance of methods for analysis and isolation of proteins. Maintenance of equipment and associated materials (FPLC and columns, electrophoretic equipment, centrifuges) required. Qualified candidate will have a B.S. degree in biochemistry, chemistry, or biological science. Familiarity with analytical instrumentation and computers is required. Thorough knowledge of protein structure and function, protein isolation techniques, and immunosays is preferred. One to three years of industrial experience in isolation of recombinant proteins valuable.

IL offers an excellent salary and benefits package including 401(k) plan. Interested candidates should submit resume and salary history to: Christopher Hatt
Human Resources
Instrumentation Laboratory
113 Hartwell Avenue
Lexington, MA 02173-3190.
IL is an Equal Opportunity Employer.

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**Research Opportunity in Analytical Biochemistry**

The Analytical Biochemistry Department of Pioneer Hi-Bred International, Inc. is seeking applicants for our ongoing program of crop improvement. Pioneer offers competitive salaries, excellent facilities and a highly cooperative research environment.

**Research Associate, Protein Expression/Amino Acid Analysis (JOB #2372-A)**

This person will join a laboratory that is responsible for recombinant protein expression, protein purification and amino acid analysis to support various projects within the research department. Although bacterial expression will fulfill most requirements, use of other culture systems is likely. The successful candidate will be interacting with several research groups and will participate in the planning and implementation of experiments.

**EDUCATION/EXPERIENCE:** MS degree or equivalent in biochemistry or related field, OR a BS degree plus 2 years of relevant research experience is required. Experience in protein expression in E. coli, inclusion body refolding and preparative protein purification is desired and experience with amino acid analysis is preferred. Familiarity with computers and strong communication skills are essential.

Applications received by January 17, 1995 will be assured of consideration. However, applications will be considered until the position is filled.

Pioneer Hi-Bred International, Inc. is an Equal Opportunity employer. Please send TWO complete sets of resume/application information. Be sure to indicate in your correspondence the job number, along with the names, addresses and telephone numbers of three references. Send to:

PIONEER HI-BRED INTERNATIONAL, INC.
Analytical Biochemistry Department
ATTN: Dawn M. Meyer, Job #2372-A
P.O. Box 1004, 7300 NW 62nd Avenue
Johnston, IA 50131-1004

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**Burroughs Wellcome Co.**

**We Are Successful Today Because We Attracted Great People Yesterday.**

And we will be successful tomorrow because of the people we attract today. Burroughs Wellcome Co. is a pharmaceutical leader for thousands of reasons—innovative and dedicated people who strive for excellence, individually and as a team. Now is your chance to become a part of a great company, and help to make a greater tomorrow.

**Research Scientist III/IV**

This position will be filled at the Research Scientist III or Research Scientist IV level. The level of responsibility to be assigned will depend upon the individual applicant's educational background and experience level.

The Research Scientist III will implement a research program to define functionally the different stages and mechanisms of apoptosis and necrotic cell death, identify points and strategies appropriate for drug intervention in cell culture and, participate in multidisciplinary drug discovery teams to discover neuroprotective drugs. Candidates must have a B.S. degree in Biology or a related science PLUS 6 years of experience in Neuroscience or a related area OR an M.S. degree in Biology or a related science PLUS 4 years of experience in Neuroscience or a related area OR a Ph.D. in Neuroscience or a related area. Other factors to be considered include experience in defining both biochemically and electrophysiologically the sequences of apoptotic and necrotic cell death in cell culture and experience with current molecular pharmacology techniques.

The Research Scientist IV will implement a research program to define functionally the different stages and mechanisms of apoptosis and necrotic cell death, identify points and strategies appropriate for drug intervention in cell culture, and lead multidisciplinary drug discovery teams to discover neuroprotective drugs. Candidates must have a B.S. degree in Biology or a related science PLUS 7 years of experience in Neuroscience or a related area OR an M.S. degree in Biology or a related science PLUS 5 years of experience in Neuroscience or a related area OR a Ph.D. in Neuroscience PLUS 1 year of post doctoral experience OR 1 year of relevant work experience. Other factors to be considered include experience in defining both biochemically and electrophysiologically the sequences of apoptotic and necrotic cell death in cell culture and experience with current molecular pharmacology techniques.

We offer a competitive salary and comprehensive benefits. And our outstanding Research Triangle Park location is one of the most desirable areas of the country in which to work and live. Please send your resume, indicating REQ #65916-29 in your cover letter, by Tuesday, January 10, 1995, to: Burroughs Wellcome Co., Human Resources Department, 3030 Cornwallis Road, Research Triangle Park, NC 27709.

For information on other job opportunities with Burroughs Wellcome Co., call our Job Information Line at (919) 315-8347 in Research Triangle Park; or (919) 707-2997 in Greenville.

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An Equal Opportunity Employer.
CLINICAL LABORATORY SCIENTIST/ASSISTANT PROFESSOR. The Department of Life Sciences invites applications for a tenure-track position at the level of Assistant Professor in the Clinical Laboratory Science program. Ph.D. in related biological or health science preferred, but not required. Applicants must have a Ph.D. in biology or a closely related field and research experience. The department is developing and strengthening its diverse research program and seeks candidates with strong commitment to liberal arts teaching; good general knowledge of discipline; strong commitment to utilizing modern technology in teaching; and knowledge of teaching evaluation. Preference given to individuals with expertise in genomics and molecular biology. Application forms are available online at http://hrd.indiana.edu. Review of applications begins January 23, 1995, continuing until position is filled. Send: curriculum vitae, concise descriptions of research experience, and three letters of reference, to: Mary C. Stevens, Chair, CLS Search Committee, Department of Life Sciences, Indiana University, Terre Haute, IN 47809. Fax: 812-237-4480; Telephone: 812-237-2400. Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are encouraged.

The Cancer Research Center of Hawaii, an organized research unit of the University of Hawaii, invites applications for a tenure-track position at the ASSOCIATE or FULL RESEARCHER (PROFESSOR) level. An individual is expected to contribute to the multidisciplinary drug discovery program group at scientific and administrative levels through active participation in research. Responsibilities include teaching, research, and service. A Ph.D. degree or equivalent is required. Applicants must submit a letter of interest and three letters of reference. Send: curriculum vitae, list of publications, and letters of reference to: Roger Stevens, Chair, Cancer Research Center of Hawaii, 1236 Lualualei Street, Honolulu, HI 96813. Review of applications will begin on January 17, 1995, and will continue until position is filled.

TENURE-TRACK, ASSISTANT PROFESSOR PHYSIOLOGIST. Position available August 1995. Individuals with post-doctoral experience and who develop a vigorous research program in mammalian or physiological toxicology preferred. Teaching responsibilities will include undergraduate courses in Human Anatomy and Physiology and Pathophysiology. Submit curriculum vitae, reprints of three to five research papers, statement of teaching experience, and letters of reference to: Roger Buchanan, Department of Biological Sciences, F.O. Box 599, Arkansas State University, State University, AR 72467. Women, minorities and persons with disabilities are encouraged to apply. Equal Opportunity Employer.

BIOPSYCHOLOGY ASSISTANT PROFESSOR. Tenure-track, basic research and teaching, anticipated fall 1995. Outstanding candidates in any area of behavioral brain science will be considered, particularly those who can contribute to a multidisciplinary program in cognitive neuroscience. Send curriculum vitae, goals, statement of research experience, and three letters of reference by February 1, 1995 to: Dr. Neil Rowland, Department of Psychology, University of Florida, Gainesville, FL 32611-2250. University of Florida is an Equal Opportunity/Affirmative Action Employer. Female and minority applicants are strongly encouraged to apply. The position will be under the provisions of Florida's Equal Protection Law and Federal Laws.

The Department of Biochemistry, Duke University Medical Center invites applications for a faculty position at the level of ASSISTANT PROFESSOR. We seek applicants who are committed to a career that involves a combination of research, teaching and service activities. Prior research experience, demonstrated productivity in research, and a strong commitment to education are essential. The successful applicant will be expected to establish a dynamic scientific program, to contribute to graduate and undergraduate education, and to participate in administrative activities. A Ph.D. or M.D. degree is preferred. Candidates should send a letter of application, CV, descriptions of research and teaching experience, and names of three references to: Dr. George R. R. Raetz, Department of Biochemistry, Duke University Medical Center, Durham, NC 27710. Consideration of applications will continue until the position is filled. Duke University is an Equal Opportunity/Affirmative Action Employer.

BIOLOGY: Teach graduate and undergraduate courses in molecular and cell biology and general biology. Ph.D. in molecular or cellular biology preferred. Qualifications: Ph.D. completed by February 1, 1995, in Biology, Developmental Biology, or a closely related scientific field; good knowledge of discipline; strong commitment to teaching; and knowledge of biology laboratory. Review of applications begins January 15, 1995, and will continue until position is filled. Send letter of application, curriculum vitae, and three letters of reference to: Gaynelle Pratt, Office of Human Resource Management, Keene State College, 229 Main Street, Keene, NH 03435-1604. An Affirmative Action/Equal Opportunity Employer. Equal Opportunity Employer.

Molecular Biologist, Tenure-track, academic year assistant PROFESSOR. Teach Eukaryotic Molecular Biology, participate in Molecular Biology Methods, in two of Basic Cell Biology and Genetics and Master's level research. Requires Ph.D., experience in research and teaching, commitment to graduate education. Prefer experience in developmental biology. Start fall 1995. Send letter, curriculum vitae, statement of teaching and research, letters of reference to: Dr. James Parry, Chairman, Department of Biology and Microbiology, University of Wisconsin-La Crosse, La Crosse, WI 54601. All materials must be received by February 15, 1995, for consideration. No application forms. Names of applicants who have not requested confidentiality in writing, and all finalists, must be released on request. Women and minorities are encouraged to apply. Affirmative Action/Equal Opportunity Employer.

DIRECTOR OF RESEARCH OREGON HEARING RESEARCH CENTER OREGON HEALTH SCIENCES UNIVERSITY The Department of Otolaryngology/Head and Neck Surgery invites applications for the position of DIRECTOR of the Oregon Hearing Research Center (formerly Kruse Hearing Research Laboratory). The Oregon Hearing Research Center will occupy one entire floor (17,000 square feet) in a new Neuro/Sensory Research Building to be completed in 1995. The Director will be given a competitive salary based on research program grant and his/her choosing, limited only to the study of the ear and its disorders. Candidates must have a Ph.D. or M.D., laboratory director experience, and demonstrative research and grant support, and demonstrable skills in the management of research projects and research personnel. The position could begin as early as summer of 1995. Although the search will remain active until the position is filled. Submit nominations or letters of application, description of research program, curriculum vitae, and list of five references to: Dr. Richard B. Field, Oregon Hearing Research Center/Committee of Search, Department of Otolaryngology/Head and Neck Surgery V010, Oregon Health Sciences University, 3181 SW Sam Jackson Park Road, Portland, OR 97201. Oregon Health Sciences University is an Equal Opportunity Employer.

NATURALIST AND DEPARTMENT CHAIR Hendrix College Applications or nominations are sought for a broadly trained field biologist to teach five undergraduate courses per year in the area of botany, ecology and evolution. Teaching experience will be an advantage. Send curriculum vitae and three letters of reference to: Dr. Christian Giese, Chair, Hendrix College, 1601 Harkrider, Conway, AR 72032. Email: Hagard@alpha.hendrix.edu. Review begins January 13, 1995. Hendrix College is an Equal Opportunity/Affirmative Action Employer.

The Agricultural Research Service in collaboration with the University of California wishes to invite applications for the DIRECTORSHIP of the USDA-ARS, Plant Gene Expression Center. The ideal candidate for this director will have a distinguished record of achievement commensurate with substantial experience in research. Evidence of creativity and demonstrated leadership and management skills are required. The applicant should be capable of stimulating and directing research fund raising and interaction of plant biology research areas. The applicant’s research program should address an agriculturally important problem, utilize bacterial, molecular tools, and should complement existing programs. The applicant will also be considered for appointment as an adjunct professor by the Department of Plant Biology at UC-Berkeley. A Ph.D. in biology is required. Salary will be filled at the GS-14 or GS-15 level, salary is negotiable. For vacancy announcement contact: Sharon Wilson on 301-344-3000.

MEDICAL ONCOLOGY Geisinger Medical Center/Weis Center for Research is seeking a recently hired PHYSICIAN to practice medical oncology and do basic research in molecular genetics. This position is 50% clinical medicine and 50% research. Research time is protected and funded by an endowed professorship. Send curriculum vitae and letter of interest to: Gaynelle Pratt, Office of Human Resource Management, Keene State College, 229 Main Street, Keene, NH 03435-1604. An Affirmative Action/Equal Opportunity Employer. Women and minorities are urged to apply.

PROFESSOR AND CHAIRMAN THE LAUTENBERG CENTER FOR GENERAL AND TUMOR IMMUNOLOGY The Hebrew University Hadassah Medical School Jerusalem Nominations and applications for CHAIRMAN of the Lautenberg Center as successor to Dr. David W. Weiss are invited by February 15, 1995. The successful candidate will have a record of major accomplishment in science and evidence of ability to nurture, coordinate, and lead a research center dedicated to cellular, molecular biology and tumor biology. Candidates should send a curriculum vitae, bibliography, and a brief exposition of their research interests to: Professor M. Chernoff, Administrator, Address applications to: Lautenberg Center Scientific Advisory Committee, Box 1129, Mount Sinai Medical Center, NY, NY 10029.

The Agricultural Research Service in collaboration with the University of California wishes to invite applications for the DIRECTORSHIP of the USDA-ARS, Plant Gene Expression Center. The ideal candidate for this director will have a distinguished record of achievement commensurate with substantial experience in research. Evidence of creativity and demonstrated leadership and management skills are required. The applicant should be capable of stimulating and directing research fund raising and interaction of plant biology research areas. The applicant’s research program should address an agriculturally important problem, utilize bacterial, molecular tools, and should complement existing programs. The applicant will also be considered for appointment as an adjunct professor by the Department of Plant Biology at UC-Berkeley. A Ph.D. in biology is required. Salary will be filled at the GS-14 or GS-15 level, salary is negotiable. For vacancy announcement contact: Sharon Wilson on 301-344-3000.
Challenging and rewarding opportunities with a world leader

BioWhittaker has achieved world prominence by developing, refining, and marketing superior biomedical research and diagnostic products. Our company has experienced significant growth in recent years, and expects this trend to continue. Accordingly, we are always interested in hiring top technical/scientific people. Right now, we’re seeking two capable professionals with effective written/oral communication skills to assume key responsibilities by conducting research and developing technical projects in the following positions:

RESEARCH ASSOCIATE

This position calls for a dynamic communicator/researcher able to elucidate the biochemical mechanisms involved in the detection and quantitation of gram negative bacterial endotoxin using Limulus amebocyte lysate. You’ll coordinate and evaluate in-house and outside research activities, prepare appropriate documentation, plus make presentations at scientific and sales meetings as well as trade shows. Qualifications include a Ph.D. in Biochemistry or a related degree, and a minimum of 2 years’ experience in coagulation systems.

R&D PROJECT MANAGER

Your projects will relate to in-vitro cell culture. You’ll perform and evaluate in-house research activities, prepare appropriate documentation, and make presentations. To qualify, you should possess a B.S. in Biology or a related degree augmented by 2 years’ industrial experience in tissue culture, virus production, and nutritional cell growth requirements.

We offer an environment conducive to professional and personal growth, competitive salaries, and a comprehensive benefits package. For confidential consideration, please forward your resume, indicating position of interest, to Human Resources Department-C08, BioWhittaker, 8830 Biggs Ford Road, Walkersville, Maryland 21793. We are an equal opportunity employer, m/f/v, offering a smoke-free/drug-free environment.

BIOLOGICAL SAFETY OFFICER

Program Resources, Inc. (PRI) has a challenging opportunity for a specialist in our Environmental Control & Research Program at the NCI-Frederick Cancer Research & Development Center in Frederick, MD. The successful candidate will join a multi-disciplinary safety team and will be responsible for the enforcement of an existing, comprehensive safety program governing work with biohazardous materials. Principal duties include: evaluation of specific research activities for biohazard potential; assessment of equipment, operations, and facility design for effective biohazard control; review of biosafety program compliance; development, registration and amendment of SOP’s for work with pathogens, recombinant DNA and other biohazards; training in related areas; and supervision of biosafety specialists. Must possess a working knowledge of all regulations, guidelines, and standards that apply to the conduct of biological research.

BS/MS/MPH in environmental health with 5 years experience; advanced degrees a plus. Technical background in basic microbiology, biocidal safety practices, containment equipment, and engineering principles that relate to the design and operation of facility safeguards. Supervisory background desired.

PRI offers salary commensurate with credentials and a comprehensive benefits program, including insurances, 401(k) savings plan, relocation assistance, and more. For consideration, please send resume, salary requirements and 3 references to Barbara J. Norton-Gill, Technical Recruiter.

PROGRAM RESOURCES, INC. a DynCorp subsidiary
NCI-FOR DC
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Frederick, MD 21702
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Image Cytometry - Programmer

Integrated Genetics, a 600-person, $50M biotechnology firm, applies advanced molecular biology techniques to develop and provide high quality, sophisticated genetic testing services to physicians, hospital laboratories and health maintenance organizations. Responsible for continued software development for a fully automated imaging system for identifying and analyzing fetal cells. Involves use of TCL and C enhancements to improve performance of the instrument and will work with other groups to develop new diagnostic and research applications. Requires a B.S. degree, 3 years relevant experience, and familiarity with Macintosh systems, image processing, knowledge of additional platforms, TCL and fluorescence microscopy helpful.

Integrated Genetics offers excellent compensation and benefits, including incentive stock options, 401(k) plan with company match, tuition reimbursement, and extensive insurance plans. Our facility is located 30 minutes west of Boston. Please send your resume to: Human Resources, Integrated Genetics, 1 Mountain Road, Framingham, MA 01701-9322. An Equal Opportunity Employer.

Integrated Genetics
EXECUTIVE DIRECTOR
ARCHBOLD BIOLOGICAL STATION

Archbold Biological Station seeks applicants for the position of EXECUTIVE DIRECTOR and SENIOR RESEARCH BIOLGIST. Archbold is a private, non-profit research institute in central Florida near the southern end of the Lake Wales Ridge, an area rich in biotic endemism. The Station is dedicated to long-term ecological research in plant and animal demography, invertebrate systematics, community ecology, fire ecology, chemical ecology, and conservation biology. The Station manages a 6,000 hectare natural area with both urban and semi-natural habitat nearby, including a 4,000 hectare working cattle ranch on which research in agroecology is carried out. Funding for Archbold's programs includes endowment income, grants and contracts, fees, and donations. The Executive Director reports to a Board of Trustees (Archbold Expeditions, Inc.). Besides providing leadership in research, conservation, and education, the Executive Director is responsible for overseeing budgets and a staff of about 50. Opportunity exists for adjunct faculty status. Applicants must have a Ph.D., a strong background in ecological research, and demonstrated administrative experience. Send letter, curriculum vitae, and list of references to: EXECUTIVE Search Committee, Archbold Biological Station, P.O. Box 2087, Lake Placid, FL 33862-2057, by 31 January 1995.

FACULTY POSITIONS
University of Pennsylvania School of Medicine
Department of Dermatology and Biophysics

The Department of Biochemistry and Biophysics at the University of Pennsylvania School of Medicine invites applications from outstanding candidates for full-time faculty appointments. The search will focus on individuals with research interests in molecular biology and strong backgrounds in biochemistry, chemistry or physics.

Candidates should forward their curriculum vitae, a summary of research accomplishments and arrangements for recommendation to be sent to: Ms. Ruth Keris, Staff Assistant, Department of Biochemistry and Biophysics, University of Pennsylvania School of Medicine, Philadelphia, PA 19104-6059.

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

EVOLOVING MORPHOLOGIST
THE JOHNS HOPKINS UNIVERSITY
SCHOOL OF MEDICINE

The Department of Cell Biology and Anatomy, Johns Hopkins University School of Medicine, invites applications for a junior or senior level FACULTY POSITION in functional anatomy and evolution, with primary teaching responsibility in human gross anatomy. Applicants must have Ph.D., teaching experience in gross anatomy, and an established research program in some aspect of vertebrate anatomy or evolution, such as physical anthropology, vertebrate paleobiology, experimental morphology, genetics, or phylogenetic systematics (morphological or molecular). Deadline for receipt of applications: February 15, 1995. Send curriculum vitae, one-page statement of research goals and interests, and names and addresses of three of references to: Anatomy Search Committee, Department of Cell Biology and Anatomy, Johns Hopkins University School of Medicine, 725 North Wolfe Street, Baltimore, MD 21205. The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK FACULTY POSITION
The Division of Neurobiology at the Barrow Neurological Institute is seeking a faculty person with a demonstrated research program in the central nervous system. The capacity to develop and maintain a grant-supported research program and to participate in collaborative research programs with the other divisions of the Barrow Neurological Research Center is critical. A minimum of two years of postdoctoral experience is required. Early and mid-career individuals are urged to apply. The position is available beginning January 1995. The search process will remain open until the candidate is selected. Applicants should contact: James R. Brodie, Chairman, Division of Neurobiology, Barrow Neurological Institute, 350 West Thomas, AZ. Telephone: 602-406-3487. Equal Opportunity Employer.
National Institutes of Health
Laboratory of Clinical Physiology
Postdoctoral Fellowship Positions

The Diabetes Unit of Laboratory of Clinical Physiology of the Gerontology Research Center, NIA in Baltimore, MD, is seeking two postdoctoral fellows (Ph.D. or M.D.) interested in the field of diabetes. The applicants will be involved in ongoing research projects to study the molecular mechanisms of insulin action at the level of the target tissues. Documented knowledge of the latest techniques of molecular biology, cell biology or protein biochemistry is a plus. Starting salary will be commensurate with qualification and experience. For further information, please contact Michael Bernier, Ph.D. and/or Chahrzad Montrose-Rafizadeh, Ph.D. at (410) 558-8198. Interested candidates should submit curriculum vitae, bibliography, reprints, summary of research interests and names of three references to:

National Institute on Aging
Gerontology Research Center
4940 Eastern Avenue
LCP/Diabetes Unit
ATTN: Dr. Bernier (03)
Baltimore, MD 21224

Please respond by February 21, 1995.

NIH is an Equal Opportunity Employer

POSTDOCTORAL
POSITION

Postdoctoral position available to study signal transduction by G-protein coupled neuropeptides receptors. The role of proliferative neuropeptides receptors in potentiating the growth of brain tumor cells will be investigated using biochemical and molecular techniques. The candidate should have a Ph.D. in Molecular Biology or related fields and interest in cancer research. Send a letter of interest, curriculum vitae and name of three references to: Dr. Mohammed Sharif, Dept. of Molecular Pharmacology, St. Jude Children’s Research Hospital, 332 N. Lauderdale, Memphis, TN 38105. Fax: 901-521-1668.

Start-Up Opportunities in Palo Alto

Hewlett-Packard Company is a world leader in the design and manufacture of computer and electronics equipment. Our BioScience Product Organization, a new start-up of Hewlett-Packard, has exciting ground-level opportunities available for the following:

Nucleic Acid Biochemist/
Molecular Biologist

This position will involve research in the development of novel methods for DNA/RNA-based medical diagnostic assays in a multidisciplinary team approach. Requires a PhD in biochemistry or molecular biology of nucleic acids with a minimum of 3 years of laboratory experience with oligonucleotide isolation, characterization and hybridization. A successful candidate should have previous experience with RNA, Ribozymes, unique oligonucleotide duplex structures, or novel probe hybridization technologies. Experience in the following areas is desirable: computer databases for gene sequence identification, enzymatic synthesis of DNA or RNA, manipulation and characterization of chemically modified oligonucleotides. Experience with product development in an industrial setting a must. Job Code: 1019

Bioanalytical Chemist

This position will involve technical leadership in the research and development of novel automated processes for the isolation of biomolecules from biological/clinical samples in a multidisciplinary team approach. Requires a PhD in chemistry or biochemistry with a minimum of 3 years’ laboratory experience in extraction, isolation, purification and concentration of nucleic acids as well as extensive experience with industrial product development. Experience with development of quantitative assays to determine reproducibility of sample preparation techniques, and laboratory experience with HPLC, CE, PAGE, a must. In addition, experience in the following areas is desirable: non-radioactive methods for the detection of oligonucleotides, previous work with clinical samples, eukaryotic and prokaryotic culture techniques, nucleic acid amplification. Job Code: 1020

Please send your resume indicating job code of interest to: Hewlett-Packard Company, Staffing Dept., 3000 Hanover Street, MS: 20AZ, Palo Alto, CA 94304-1181. Hewlett-Packard Company is an equal opportunity employer dedicated to affirmative action and work force diversity.
POSTDOCTORAL POSITION

The Gladstone Institute of Virology and Immunology
University of California, San Francisco

J. Mike McCune, M.D., Ph.D.: Research on the pathogenesis of HIV disease. Projects will include: 1) HIV infection in cryopreserved cells; 2) interactions of HIV with hematopoietic progenitor cells; and 3) immunopathologic events of early stage disease. Candidates should possess an M.D. and/or Ph.D. Experience in virology, immunology, pathology, and/or molecular biology desirable. Send curriculum vitae, research interests (one page) and three references to: Dr. Peter G. Pavlakis, Gladstone Institute of Virology and Immunology, UCSF, P.O. Box 41901, San Francisco, CA 94141-9100. An Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION
Signal Transduction

NIH-funded position available to study the signal transduction pathways of cytokines. The project requires the discovery of a novel mechanism that may revolutionize our understanding of the function of vitamin A and will enable the successful candidate to work at the cutting edge of the field. Experience in signal transduction and ancillary skills in protein purification, cloning and expression are highly desirable. Suitable for second postdoctoral training. Send customary credentials to: Ulrich H. Munk, M.D., Immunology Department, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, NY 10021. An Equal Opportunity Employer.

POSTDOCTORAL OR STAFF RESEARCHER
EXPERIMENTAL CHEMICAL PHYSICS

Experimental quantum control of chemical dynamics with femtosecond lasers. Close interaction between experiments and analytical and numerical theory. Ultraviolet and visible X-ray lasers. Electro-optics and quantum-mechanical simulations. Looking for exceptionally able experimentalists, particularly with strong background from among experimentalists in atomic and molecular physics, X-ray physics. Salary $26,220+ (Postdoctoral), $41,600+ (Researcher, with exceptional experience). For description of current group activities see personal World Wide Web site: http://www.wilson.ucsd.edu. Prof. Kent R. Wilson, Department of Chemistry 9359, University of California, San Diego, La Jolla, CA 92039-0339. Affirmative Action/Equal Opportunity Employer.

COLUMBIA UNIVERSITY
POSTDOCTORAL POSITION

Available immediately to study the mechanisms of hyperresponsiveness of the Kaposi’s sarcoma associated herpes-like virus. Candidates should have Ph.D. or M.D. with extensive experience in various aspects of molecular biology. Experience in virus purification, cDNA cloning and expression is required. Send curriculum vitae and three references by FAX or mail to: Dr. breat Pat Moore and Yuan Chang, Department of Pathology, P.M. 14-515, Columbia University, 630 West 168th Street, New York, NY 10032. Telephone: 212-305-1699; FAX: 212-305-4548. Columbia University is an Affirmative Employment/Affirmative Action Employer.

POSTDOCTORAL RESEARCH ASSOCIATE POSITIONS

The Neuroscience Institute La Jolla

Cellular Neurophysiologist

Applications are invited for the POSTDOCTORAL POSITION of Junior Fellow in Experimental Neurobiology to study the role of plasticity and specificity in mammalian neocortex using state-of-the-art brain slice methodologies. Applicants should have a background in histology, electrophysiology, and development of experimental neurobiology. Fellows will receive stipends appropriate to their qualifications and experience. Submit a curriculum vitae, statement of research interest, and names of three references to: Dr. Ronald B. Langdon, The Neurosciences Institute, 3377 North Torrey Pines Court, Suite 310, La Jolla, CA 92037. FAX: 619-545-9159. The Neurosciences Institute is an Affirmative Action/Equal Opportunity Employer.

DEVELOPMENTAL REGULATION OF TRANSCRIPTION
POSTDOCTORAL POSITION

A POSTDOCTORAL POSITION is available to study biochemical principles by which transcription factors regulate gene expression during Drosophila development. Projects include: 1) identification and characterization of a regulatory domain in the Drosophila cut enhancer; 2) identification of two novel activator proteins that bind with similar specificity to a wider range of DNA sites than predicted by previous models (Ganes & Der, 8: 1678, 1994). Future projects include determining whether these two proteins bind throughout the length of their target genes. Send curriculum vitae and two letters of recommendation before May 15 to Dr. Mark Biggin, Yale University, Department of Molecular Biophysics and Biochemistry, P.O. Box 208114, 266 Whitney Avenue, New Haven, CT 06520-8114. Yale University is an Affirmative Action/Equal Opportunity Employer.

DEVELOPMENT OF EXPERIMENTAL CHEMICAL PHYSICS

Experimental quantum control of chemical dynamics with femtosecond lasers. Close interaction between experiments and analytical and numerical theory. Ultraviolet and visible X-ray lasers. Electro-optics and quantum-mechanical simulations. Looking for exceptionally able experimentalists, particularly with strong background from among experimentalists in atomic and molecular physics, X-ray physics. Salary $26,220+ (Postdoctoral), $41,600+ (Researcher, with exceptional experience). For description of current group activities see personal World Wide Web site: http://www.wilson.ucsd.edu. Prof. Kent R. Wilson, Department of Chemistry 9359, University of California, San Diego, La Jolla, CA 92039-0339. Affirmative Action/Equal Opportunity Employer.

A POSTDOCTORAL POSITION is available for research on glaucoma in a collaborative and team-oriented environment. Experience in animal models of experimental glaucoma is strongly preferred. The successful candidate will participate in studies of the molecular mechanisms of glaucoma. This position is supported by the National Eye Institute, National Institutes of Health, and is immediately available. Send curriculum vitae and the names of three references to: Donald G. Poirier, MD, Department of Ophthalmology, Boston University Medical Center, 711 Huntington Avenue, Boston, MA 02115. Tel: 617-638-3650, Fax: 617-638-3652. An Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP

The Department of Ophthalmology, University of California, San Diego, is seeking applicants for a one-year, renewable, postdoctoral position. Applicants must hold a Ph.D., M.D., or D.V.M. in a relevant biological discipline and must be committed to a research career in glaucoma. The position is supported by the National Eye Institute and the Department of Ophthalmology and is immediately available. Applications should include a curriculum vitae, three letters of recommendation, and a statement of career goals. Send applications to: Dr. Donald G. Poirier, MD, Department of Ophthalmology, Boston University Medical Center, 711 Huntington Avenue, Boston, MA 02115. Tel: 617-638-3650, Fax: 617-638-3652. An Equal Opportunity Employer.

POSTDOCTORAL POSITION

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

POSTDOCTORAL POSITION

MOLECULAR BIOLOGY


POSTDOCTORAL FELLOWSHIP PROGRAM

Applications are invited for postdoctoral positions in the Laboratory of Molecular Biology to study the mechanisms of hormone action. The laboratory has a particular interest in the role of hormone receptors in cell signaling. The laboratory has a collaborative relationship with several other laboratories in the NIH Clinical Center. The laboratory can accommodate up to three postdoctoral fellows. Please send a curriculum vitae and the names and addresses of three references to: Dr. David M. Fiala, Department of Molecular Biology, National Institutes of Health, Bethesda, MD 20892. An Equal Opportunity Employer.

POSTDOCTORAL POSITION

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POSTDOCTORAL FELLOWSHIP

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POSTDOCTORAL POSITION

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SCIENTIST

Molecular Genetics

SmithKline Beecham Pharmaceuticals, a world leader in pharmaceutical research, has an opening for a Scientist in the Biopharmaceutical Division.

The selected candidate will perform experiments in Molecular Genetics, especially in high density gridding of cDNA clones, hybridizations and screening of cDNA libraries. The individual will also participate in investigating new technologies and instrumentation, including robotics, and will assist in the design, interpretation and modification of experiments and techniques.

Qualifications include a BS/MS in Biological or Chemical Sciences with 1-5 years' experience in recombinant DNA technology. Experience in hybridizations and library screening is required. Experience in high density gridding of cDNA clones, robotics, imaging technologies and PCR is highly desirable. Willingness to work with radioactive compounds is essential.

Located in our state-of-the-art research facility in suburban Philadelphia, SmithKline Beecham offers competitive compensation and benefits packages. For confidential consideration, please forward resume to: SmithKline Beecham Pharmaceuticals, Job Code #H40430, P.O. Box 401, Conshohocken, PA 19428. We are an Equal Opportunity Employer, M/F/D/V.

SMITHKLINE BEECHAM

Pharmaceuticals

Challenging the natural limits.

RARE CELL ISOLATION/ANALYSIS
POSTDOCTORAL SCIENTIST

HELPING PEOPLE LIVE BETTER LIVES

We are seeking a Postdoctoral Scientist to work in an aggressive program involving rare cell isolation. The goal of this program is the development of methods that allow the isolation/enrichment of rare cells for diagnostic purposes. The candidate should have a PhD in a field which provided 1-3 years experience with various aspects of molecular biology. This background should include purification and labelling of mRNA, cDNA cloning, synthesis and analysis of cDNA libraries, subtraction hybridization strategies, PCR, in-situ hybridization and M13 based sequencing. Knowledge of cell biology would be helpful. Using the above specified skills this individual will be responsible for a critical portion of an exciting multidisciplinary project with on-going world-class collaborations.

The appointment is for 1 year, renewable for a second year and available now. Competitive salary, benefits and relocation allowance provided.

For consideration please forward your CV to the Human Resources Department at Boehringer Mannheim Corporation, 9115 Hague Rd., Indianapolis, IN 46250. Please reference POSTDOC-2. Principals only please. An Equal Opportunity Employer.

BOEHRINGER MANNHEIM CORPORATION

STAFF

SCIENTIST

NEUROBIOLOGY

Stratagene, with over 200 employees, is located in a very attractive part of La Jolla, California. Known for our innovative, high quality products for cutting edge research, we are expanding our program in the area of neuroscience and cell biology.

The successful candidate will have a Ph.D. and a significant publication record in the field of Neurobiology with an emphasis on molecular approaches to neuron function.

We offer an excellent salary, bonus and benefits package. Candidates interested in joining a highly successful, progressive company with room to grow are encouraged to submit resume to: Stratagene, Attn: Professional Staffing 21033-94A, 11011 N. Torrey Pines Rd., La Jolla, CA 92037. AA/EOE.

STRATAGENE

DIRECTOR

ANIMAL FACILITY

DNAX Research Institute, located near Stanford University, carries out basic research in Immunology and Molecular Biology in an open, academic environment. We are looking for an individual to manage the Institute's Animal Facility and collaborate on research projects with DNAX scientists in physiology and pathology studies primarily involved with transgenic mice.

This position requires a D.V.M. and two to five years experience in a research environment. Expertise in laboratory animal medicine is required. This individual should have experience in gross and micropathology sufficient to diagnose both infectious and genetic diseases (abnormal phenotypes in transgenic/KO animals).

Qualified applicants should send a curriculum vitae and the names of three references to: Human Resources Department, DNAX Research Institute, 901 California Avenue, Palo Alto, CA 94304.

DNAX is an equal opportunity employer, m/f/d/v.

DNAX Research Institute
POSTDOCTORAL FELLOWSHIP
ANTARCTIC SEABIRD ECOLOGY AND BEHAVIOR

An opportunity for a two-year POSTDOCTORAL FELLOWSHIP is anticipated with the National Marine Fisheries Service, Office of Research and Development, starting in the spring of 1995. The appointee will be expected to lead the seabird component of a research team analyzing and writing-up a nine year ecological perspective on seals and penguins. Seabird studies have focused on interannual comparisons of feeding ecology, reproductive success, growth, and condition, and demographic parameters. Seabird mortality data are available from coordinated research cruises on the distribution and abundance of zooplankton and on oceanographic conditions near the breeding colonies. Candidates should have strong background in avian ecology and behavior, and demonstrated strengths in analysis, writing, and working as a member of a team. Experiences in prior research interests, and the names of three references are required. To express interest in this opportunity, please send detailed curriculum vitae, copies of reprints, and narrative proposals. To: Dr. L. Bengtson, National Marine Mammal Laboratory, 7600 Sand Point Way N.E., Seattle, WA 98115. For further information, telephone Dr. Bengtson at 206-526-4616 or Dr. Peter Bovey at 206-526-4244. An Equal Opportunity Employer.

DEVELOPMENTAL BIOLOGIST

The Oregon Regional Primate Research Center (ORPRC) of the University of Oregon, is offering a SENIOR SCIENTIST/RESEARCH BIOL- OLOGIST with research interests in early growth and development processes. Interaction with the assisted reproductive technology program at the ORPRC is anticipated as this program expands. The unique opportunity offered by research with non-human primate embryos. Candidates must hold a Ph.D. or equivalent degree and have advanced training in reproduction/development/molecular biology with an interest in non-human primates as models for human disease. Molecular and gene transfer expertise is essential. An extramurally funded research project is in place. Interested applicants are available at our host institution, Oregon Health Sciences University. Applicants should submit a resume, a letter of interest, the names of three references, and a statement of research interests to: Chair, Developmental Biologist Search Committee, Division of Reproductive Sciences, ORPRC, 505 N.W. 185th Avenue, Beaverton, OR 97006, USA. Applications will be accepted until the position is filled. The ORPRC is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOWSHIPS
THE SLOAN CENTER FOR THEORETICAL NEUROBIOLOGY AT CALTECH

POSTDOCTORAL FELLOWSHIPS are available for the newly established Sloan Center for Theoretical Neurobiology at Caltech which will promote integration of theoretical and experimental work in neurobiology. Applicants should identify two sponsors from Caltech faculty participating in the Sloan Center, one from a theory lab and one from an experimental lab, and submit a curriculum vitae, two or three letters of recommendation, and a research proposal. Theoretical faculty include Abelson, Stafa, Barr, Bruck, Burdick, Goodman, Hopfield, Koch, Mead, Perona, and Psaltis. Experimental faculty include Allam, Andersen, Bowser, Chavkin, Fraser, Konishi, Nestor, Pfaff, and Schnitzer. Please send applications or requests for more information to: Richard Andersen, 216-76, Division of Biology, California Institute of Technology, Pasadena, CA 91125 USA or Email to Laura@sis.caltech.edu. Application deadline is February 1, 1995. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

RESEARCH ASSOCIATE

Position available immediately for researcher with extensive experience in molecular biology to study phosphorylations and regulation of enzyme expression. Candidate should have Ph.D. or M.D. with postdoctoral experience. Send curriculum vitae to: Dr. Robert S. Danziger, Division of Cardiology, University of California, 630 West 168th Street, New York, NY 10032. An Equal Opportunity/ Affirmative Action Employer.

RESEARCH ASSOCIATE

Position available immediately for researcher with extensive experience in molecular biology to study phosphorylations and regulation of enzyme expression. Candidate should have Ph.D. with relevant postdoctoral experience and preferred laboratory experience in the areas of cell signaling or tumor therapy areas using electrical assist technology. They should also be knowledgeable in cell biology/molecular biology and preferably have hands-on experience in research related cancer and cardiovascular therapy. Candidates should be self-motivated and competitive salary and benefits. Send curriculum vitae and three references (with telephone numbers) to: Dr. S. B. Dev, Genetronics, Inc., 11999-A Sorrento Valley Road, San Diego, CA 92121.

RESEARCH SCIENTIST PH.D.
Department of Reconstructive and Plastic Surgery
The University of Texas
M. D. Anderson Cancer Center

The University of Texas M. D. Anderson Cancer Center seeks a RESEARCH SCIENTIST with a background in molecular biology and/or microcirculatory physiology to develop a research laboratory in the Department of Reconstructive and Plastic Surgery. The laboratory is anticipated to encompass aspects of reperative biology relative to the cancer patient including wound healing, angiogenesis, microcirculatory and ischemic injury, and tissue engineering. Experience in any one or all of these areas would be desirable. The scientist in this position will be responsible for providing technical and/or laboratory assistance as acting as co-investigator on grants and funding for the laboratory. The scientist will also help liais directly into the basic research in their field. It is important that the research effort emphasize a focus which is translational in nature and easily transportable from the laboratory to the bedside. Candidates must be qualified for assistant professor or higher and well qualified individuals should have evidence of autonomy and grant support.

RESEARCH ASSOCIATE

RESEARCH ASSOCIATE position available immediately in an expanding program in viral vaccine immunology. Experience in virology and/or cellular immunology is essential. Some knowledge of molecular biology is required. Ph.D. in virology or immunology, postdoctoral experience desirable. Send curriculum vitae with names and telephone numbers of three references to: Mr. Jack Dent, Employment Specialist, Position No. A02725, University of Maryland at Baltimore, Office of Human Resources Management, 737 West Lombard Street, Baltimore, MD 21201. An Affirmative Action/EQA/Equal Opportunity Employer.

RESEARCH ASSOCIATE

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SENIOR RESEARCH ASSISTANT
NEUROMUNNOLOGY

A position is presently available to work on identifying molecules involved with bidirectional signaling between immune and nerve cells in the mammalian peripheral nervous system in vivo. Experience in electrophysiology is required. Experience in cell culture techniques, immunocytochemistry, and animal surgery is desirable. Bachelor's degree in a related field with three years of experience or Master's with one year. Position is fund- ed for a minimum of four years. Curriculum vitae, with names and telephone numbers of three references, should be sent to: Mr. Jack Dent, Employment Specialist, Position No. A02725, University of Maryland at Baltimore, Office of Human Resources Management, 737 West Lombard Street, Baltimore, MD 21201. An Affirmative Action/EQA/Equal Opportunity Employer.

MICROBIOLOGIST POSTGRADUATE RE- SEARCH POSITION at EPA’s Risk Reduction Engineering Laboratory (RREL) in Cincinnati, Ohio. Research will be evaluating biocaustic material use and/or on-site soil treatment systems in remediation of soils contaminated with hazardous chemicals. Master's degree in molecular/microbiology with experience in chemistry and plant physiology. Ph.D. preferred. Contact: Postgradu- ate Research Programs, RREL, Science Engineering Division, Oak Ridge Institute for Science and Educa- tion, P.O. Box 117, 97731-0811, Telephone: 615-576-3456. (Ref. RREL 95-01).

STAFF SCIENTIST

A STAFF SCIENTIST position is available to lead a cytogenetics research laboratory at a major public and pharmaeuticals for their potential to cause chromosome aberrations and aneuploidy in somatic and germ cells. A Ph.D. in molecular biology is required. Experience in conducting cytogenetics assays, and good verbal and written communication skills are required. Please mail resume to: Personnel Department, SITEK Research Laborato- ries, 15200 East Sahara Road, Suite 303, Rockville, MD 20850 USA.
Lilly Research Laboratories

For more than 117 years, Eli Lilly and Company has been a leader in research, development, manufacturing, and marketing of innovative pharmaceutical products. We have a history of a strong commitment to excellence and to our employees. We have an immediate career opportunity in the Biopharmaceutical Technology Development area. The successful candidate will have a BS or MS degree in chemistry, microbiology, biochemistry, immunology, or related field. Familiarity with proteins, DNA and immunochemistry techniques is desirable. A minimum of 3 years industrial experience is required, and diagnostic assay development experience is preferred. Eli Lilly offers a competitive compensation package and a highly professional environment. For prompt consideration, please forward your resume to: Eli Lilly and Company, Scientific Recruitment, Dept. ME1294, Lilly Corporate Center, Indianapolis, IN 46285.

Eli Lilly and Company is an equal opportunity employer committed to diversity in the workplace.
FOOD AND DRUG ADMINISTRATION (FDA), Center for Biologics Evaluation and Research, Office of Blood Research and Review, Division of Hematology, Laboratory of Hemostasis is seeking candidates for the position of Staff Fellow. The applicant will conduct research in hemostasis, especially the hemophilies and related diseases. Also, the Fellow will review blood product license applications and provide advice to other parts of the Center about coagulation products. Qualifications: Candidates must be either US citizens or Resident Aliens eligible for citizenship within four years. Positions may also be filled by appointment in the U.S. Public Health Service. Commissioned Corps with commensurate salary and benefits. Candidates for this program need to meet Commissioned Corps appointment standards. Physicians: All requirements for a Doctor of Medicine or Osteopathy Degree from an accredited institution must be completed. Graduates of foreign medical schools must submit a copy of their permanent Educational Commission for Foreign Medical Graduates (ECFMG) certification. Board eligibility or certification in hematology is desirable. Scientists: Doctoral level degrees in biological or physical sciences is necessary. Advanced training and/or experience in hematology, molecular biology, protein chemistry or biomedical engineering is desirable. Salary: Range is $28,000 to $73,472. Salary, benefits, research support, and level of responsibility are commensurate with education and experience. Apply: Send (SF-171) and/or current detailed Curriculum Vitae along with bibliography, statement of regulatory/research interest, transcripts, and names of three references to: FDA/Center for Biologics Evaluation and Research (128), 1401 Rockville Pike, Suite 200N, HFM-50, Rockville, MD 20852-1448. FDA is an equal opportunity employer and has a smoke free environment. Questions: Dr. Weinstein 301-496-4833.

CHALLENGING BIOMEDICAL EMPLOYMENT OPPORTUNITIES

Assistant Professor in Environmental and Resource Economics
Full-time, Tenure Track, 9-month appointment.

Responsibilities: The successful applicant will be expected to conduct theoretical or empirical economic research on environmental and resource policy problems. The focus of research covers international as well as domestic issues and could include problems of land use, finite resources, biodiversity, sustainability of ecosystems, deforestation, air, soil or water pollution, global warming, effects of trade, and international environmental cooperation. Anticipated teaching load is one undergraduate and one graduate course. Qualifications: Ph.D. in economics, agricultural and resource economics or a related discipline. Expertise in one or more relevant specialties such as resource and environmental economics, mechanism design, game theory, econometrics, public economics and/or economics of institutions. Application: Please send letter stating interest and qualifications for the position, transcripts of all university work, experience, and names of four references before February 28, 1995 to:

Brian D. Wright
Environmental and Resource Economist Search Committee
Department of Agricultural and Resource Economics
2077 Giannini Hall #3310
University of California, Berkeley
Berkeley, CA 94720-3310
Phone: (510) 642-8179
Fax: (510) 643-8911
E-mail: wright@ar.berkeley.edu

Terms: The position is a tenure track, nine-month position. The position will start July 1, 1995.

Closing Date: February 28, 1995

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

FRENCH "ACADEMIE DES SCIENCES" PROFESSORSHIPS

In order to foster international cooperation between academic and industrial research, the French Académie des Sciences, the Centre National de la Recherche Scientifique and Elf Aquitaine will have several one-year professorships in France for the 95-96 academic year. These openings are reserved for research professionals, typically at the Associate to Full Professor level, and may be held in conjunction with a sabbatical leave. They include generous benefits, such as housing arrangements and travel expenses, depending upon the candidate's experience. The scientific domains involved cover Elf Aquitaine's activities in oil, chemical and pharmaceutical research:

- Earth Sciences, with an emphasis on surface seismology, sedimentology, organic and mineral geochemistry and the physics of oil-related fluids, including interactions with rock;
- Atmospheric Sciences, in relation to the "Global Warming Process"; i.e. physical chemistry of the atmosphere, or modeling of oil phenomena;
- Chemical Sciences, with an emphasis on polymers, halogen and biochemistry, catalysis, and process engineering research;
- Life Sciences, with an emphasis on studies dealing with thrombosis, the cardiovasculaire and the central nervous systems.

Preamarranged agreements with French academic laboratories are eligible for these professorships, and they will be appreciated although not mandatory. There are no citizenship restrictions. Mastery of French is not required, although some familiarity with French culture would be helpful.

Additional information can be obtained from the following contacts:

- For North American-based candidates:
  J. RODELLE, Vice President Research & Development
  Elf Aquitaine, Inc.
  1899 L Street, N.W., Suite 500
  Washington, D.C. 20036
- For other candidates:
  C. JABLON, Chief Scientist
  Elf Aquitaine, Inc.
  Tour Elf, Cedex 45
  92078 Paris—La Défense, FRANCE

Formal applications should include a detailed résumé, a description of the research project and any other relevant information in order to select the most qualified candidates. They should be sent to the above addresses before February 3, 1995. They shall be processed in confidence and the professors are scheduled for announcement before the end of April 1995.

DIRECTOR, SCIENCE OPERATIONS

Ocean Drilling Program
Texas A&M University

Texas A&M University (TAMU) invites nominations and applications for the position of Director, Science Operations for the Ocean Drilling Program (ODP) at TAMU. The Director must work within the national and international partners and ODP advisory structure in the identification and implementation of the scientific goals and directions of ODP, and he/she is responsible for the overall management and execution of the science and engineering programs identified by these groups.

The science operations program at TAMU includes the management of ODP activities aboard the deep sea drilling vessel JOIDES RESOLUTION, development and maintenance of specialized drilling equipment used in the program, publication of scientific and engineering investigations, development and maintenance of an extensive computerized database system, curation and distribution of samples from ODP's core repositories, and design and maintenance of extensive sedimentological, petrological and geochemical laboratories and other support facilities onboard and ashore. The annual budget is in excess of $40 million. Approximately 150 skilled scientists and professionals assist the director. The Director is responsible for the science operations program to the National Science Foundation through the prime contractor for ODP, the Joint Oceanographic Institutions, Inc., and must liaise with the U.S. and international funding partners, the international scientific community and the drilling contractor.

For these challenging tasks we seek an internationally acclaimed earth scientist with strong, proven leadership qualities, experience with multidisciplinary and international research programs, the vision to guide the development and implementation of the science operations program, and the ability to communicate the challenges and accomplishments of ODP. The successful applicant must be able to develop improved services for the program within an environment where the goals and resources of the international scientific drilling community are changing. Familiarity with ODP is desirable but not required. The position is located at TAMU in College Station, Texas. A tenured faculty position at TAMU is possible.

Candidates should send a curriculum vitae and names and addresses of four references to Dr. Joel S. Watkins, Chair of the ODP-TAMU Director Search Committee, Department of Geology and Geophysics, Texas A&M University, College Station, Texas 77843-3114. Evaluation of the applications will begin on January 1, 1995 and will continue until the position is filled. Salary will be competitive.

An Equal Opportunity/Affirmative Action Employer Committed to Diversity.
RADIOBIOLOGY
BEAM LINE
LIAISON SCIENTIST

Brookhaven National Laboratory (BNL) and the National Aeronautics and Space Administration (Life and Biomedical Sciences and Applications Division within the Office of Life and Microgravity Sciences and Applications) are collaborating to develop accelerator and experimental facilities at the BNL Alternating Gradient Synchrotron for space radiobiology research.

To support these radiobiology experiments, the Biology Department is seeking a Radiobiology Beam Line Liaison Scientist. The successful applicant will 1) carry out biological experiments at the heavy ion beamline, preferably in the area of cellular/molecular biology of DNA damage and repair and/or cellular transformation; 2) provide biological expertise for design, construction and quality control of the User Station; 3) interact with visiting principal investigators on experimental requirements, schedules and support; 4) interface with administrative, safety and technical staff on behalf of visiting investigators; and 5) serve as a scientific resource for current and future users. The successful applicant will also represent the beamline at regional and national scientific meetings.

Applicants must have a doctorate, and postdoctoral experience in radiation biology, biophysics, cell biology, molecular biology, biochemistry or related field. Experience in accelerator-based research is highly desirable, and work in the area of cellular/molecular biology of DNA damage and repair a plus.

The appointment will be tenable in the Biology Department of Brookhaven National Laboratory. The anticipated start date is April 1, 1995. Applicants can apply by sending a curriculum vitae, publications list, and the names of three references to: Dr. Betsy M. Southerland, Biology Department, Building 463, Brookhaven National Laboratory, Associated Universities, Inc., Upton, Long Island, NY 11973-5000. Equal Opportunity Employer M/F/D/V.

PHARMACOLOGY
ALBANY COLLEGE OF PHARMACY
UNION UNIVERSITY

The Albany College of Pharmacy, Union University, and President and Dean, Claire M. Lathers, Ph.D., F.C.P., invites applications for a 12 month tenure-track faculty appointment in Pharmacology. The position will be available July 1, 1995.

The successful candidate should possess a Ph.D. in Pharmacology or its equivalent, have more than 5 years experience in teaching pharmacology and research and demonstrate a capability of conducting basic science and/or clinical research. Major responsibilities include the teaching and/or precepting of professional pharmacy students in both the Baccalaureate and Doctor of Pharmacy programs. The position offers excellent opportunities for collaborative research with faculty of the College and the faculties of other institutions in the Albany area.

Interested persons should send a letter of interest, a curriculum vitae, and the names and addresses of three references by February 15, 1995 to:

George R. Bailie, Ph.D., Professor
Albany College of Pharmacy
Union University
106 New Scotland Avenue
Albany, New York 12208

The College of Pharmacy is an Equal Opportunity Employer.

Molecular Oncology Research

The Cancer Research Department of the PARKE-DAVIS Pharmaceutical Research Division is seeking experienced research scientists for both staff and post-doctoral fellowship positions in molecular oncology and protein biochemistry. Our cancer drug discovery program has active research interests that include oncogene/tumor suppressor gene function, apoptosis and invasion and metastasis. Successful candidates will have excellent research opportunities in the discovery and validation of novel targets for cancer therapy.

The successful Post-doctoral candidate will carry out aggressive research efforts centered on (1) the characterization of the TIMP-3 gene and its functional role in tumorigenesis and metastasis, and (2) the redox modulation of oncogenes, suppressor genes, and transcription factors involved in apoptosis. Candidates should have a Ph.D. in molecular biology/biochemistry or related discipline with a strong publication record. A broad knowledge of molecular and biochemical techniques is required and experience with the yeast two hybrid system is desirable. Send resumes and references to Box DCS-1146, Dianne Singer, Human Resources Department.

Minimum requirements for the Associate Scientist/Scientist position include an MS or equivalent degree in molecular biology/biochemistry or related area with 2-5 years of laboratory experience and publications. Specific expertise desired includes: Southern/Northern/Western analysis; PCR; cDNA/genomic library screening; cloning, sequencing; gel shift assay; transcriptional activation assays; protein expression/purification; immunohistochemistry; and zymograms. Candidates with experience with in situ hybridization, yeast two hybrid technology, and transgenic methodologies are especially encouraged to apply. Send resumes and references to Box DCS-94178, Dianne Singer, Human Resources Department.

Interested individuals should send their CV and a list of references per the respective job reference number listed above to: Ms. Dianne C. Singer, Human Resources, PARKE-DAVIS, 2800 Plymouth Road, Ann Arbor, MI 48105. "Smoke-Free Work Environment"
ASSOCIATE DIRECTOR BIOTECHNOLOGY CENTER UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

The University of Illinois, Urbana-Champaign invites applications for the position of Associate Director of the Biotechnology Center. The Biotechnology Center manages core service laboratory facilities that support the research of over 100 faculty members as well as providing services to industrial users. These facilities include laboratories engaged in protein and nucleic acid sequencing, peptide and oligonucleotide synthesis, flow cytometry, hybridoma production, electron microscopy, transgenic animal construction and large scale cell growth. The Center also operates a placement office for advanced degree students in the biosciences and supports education activities related to biotechnology, and coordinates the preparation of grant proposals for shared equipment.

The successful applicant will be expected to manage and oversee all of these facilities and services. Minimum qualifications include a Masters degree, Ph.D. preferred, in the life sciences. Prior administrative experience is highly desirable. A working knowledge of laboratory practices in several of the areas of service is desirable. The Associate Director should provide leadership in keeping facilities up to date, adding new technologies, where appropriate and replacing outdated techniques if necessary. The ability to interact effectively with center staff, and with faculty and industrial users is essential.

This is a regular full-time academic professional staff position reporting to the Director of the Biotechnology Center. Salary is commensurate with experience. The proposed starting date for this position is March 1, 1995.

To ensure full consideration, nominations and applications should be sent by January 15, 1995 to:

Ms. Kim Reynolds
Biotechnology Search
University of Illinois, Urbana-Champaign
601 East John Street
Champaign, Illinois 61820
Phone: 217/333-5158
FAX: 217/244-3716

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

THE UNIVERSITY OF CALIFORNIA, SAN DIEGO
DEPARTMENT OF BIOLOGY
ASSISTANT OR ASSOCIATE PROFESSOR

ECOLOGY

The Department of Biology at the University of California, San Diego invites applications for a faculty position in ecology at the assistant or associate rank. Researchers working on broad-scale processes affecting community, landscape, or ecosystem composition are encouraged to apply. Research areas may include, but are not restricted to, human impacts on community composition, climatological impacts on ecosystem processes, recontstruction of past biotic change, and biogeographical patterns of community composition. The successful candidate will be expected to conduct a vigorous research program. Salary will be commensurate with background, experience and level of appointment based on UC salary scale. Applicants should send curriculum vitae with email address and FAX #, a statement of professional goals and research interests, and the names, mailing addresses, FAX #’s and e-mail addresses of three references. Applications must be received by January 15, 1995 to:

Ecology Search Committee
Department of Biology 0346, University of California, San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0346

The University of California, San Diego is an equal opportunity/affirmative action employer. We strongly encourage women and minorities to apply.

LECTURER

INTRODUCTORY BIOLOGY LABORATORIES

DEPARTMENT OF BIOLOGY

THE UNIVERSITY OF MICHIGAN

The Department of Biology at the University of Michigan announces the availability of a non-tenure track Lecturer position. The term of appointment is for a period of 3 years and is subject to renewal. The Lecturer will serve as coordinator and supervisor of instruction in introductory laboratory courses in Biology. Responsibilities will include teaching, working with faculty to update laboratory experiments, and supervision and training of staff and graduate student teaching assistants. Appointments are on a 9-month basis and include a liberal benefits package. The deadline for receipt of applications is January 27, 1995. Applicants should provide a C.V., teaching statement and have three letters of reference sent to:

Introductory Biology Lecturer Search Committee
Department of Biology
The University of Michigan
Ann Arbor, MI 48109-1048

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

DIRECTOR OF RESEARCH

The Albany College of Pharmacy invites applications and nominations for the newly created position of Director of Research.

The Director of Research will be primarily responsible for establishing a sponsored research (grants and contracts) management and development office. The Director of Research will be responsible for coordinating all aspects of research at the College. One of the important duties of the Director of Research will be to develop a research training program to coordinate with the current post-baccalaureate Doctor of Pharmacy curriculum as well as the entry level Doctor of Pharmacy curriculum now in development. In addition, the Director of Research will be responsible for all technology transfer and intellectual property transfer matters. The Director of Research will report to President/Dean Claire M. Lathers, Ph.D., F.C.P.

The successful candidate should have an established track record of obtaining extramural funds from a variety of sources and maintaining an ongoing research program. The candidate is expected to have multidisciplinary research interests in pharmacology or in one of the other life sciences, or in one of the other pharmaceutical sciences. The successful candidate should have extensive experience in mentoring undergraduate students in research.

Albany College of Pharmacy has a rapidly growing research program encompassing a diverse range of projects with a focus on basic and clinical biomedical research. The College is located adjacent to several large teaching hospitals, the major state health research facility, and a regional medical college. The Capital District region of New York offers a wealth of opportunities for collaborative research and education as well as a diverse array of cultural and recreational pursuits.

Applicants should send a letter of interest, curriculum vitae, and three letters of reference by February 15, 1995 to:

Dudley G. Moon, Ph.D.
Chair of the Search Committee
Albany College of Pharmacy
106 New Scotland Avenue
Albany, New York 12208-3492

Albany College of Pharmacy is an equal opportunity employer.

CORNELL UNIVERSITY MEDICAL COLLEGE TENURE TRACK ASSISTANT PROFESSOR POSITION THE DEPARTMENT OF MICROBIOLOGY

The Department of Microbiology is seeking applicants for a tenure track Assistant Professor Position. We are seeking exceptional candidates with demonstrable success in research. Applicants should have a Ph.D. or equivalent in the biological sciences. This position is available July 1, 1995. Applicants are encouraged to send curriculum vitae, a description of proposed research and letters of recommendation from three qualified scientists to:

Dr. Kenneth I. Berns, Chairman
Department of Microbiology Box 62
Cornell University Medical College
1300 York Avenue, N.Y., N.Y. 10021

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JAPAN BIOCIDES LABORATORY

Rohm and Haas Company, a leading multinational chemical company, has an immediate opening for a Ph.D. microbiologist to run our Customer and Technical Service Laboratory in support of our biocides business in Japan. Typical applications of our industrial biocides include water treatment (cooling towers and pulp & paper), cosmetics, wood preservatives and marine antifoulants. After a year of training in our Biocides Research Laboratory in Spring House, PA — near Philadelphia — this scientist will be transferred to our new Japanese Technical Center north of Tokyo.

The successful candidate will have a Ph.D. degree in microbiology, microbial ecology or microbial physiology. Postdoctoral experience is not required, although postdoctoral or work experience in industrial microbiology would be beneficial. A strong background in chromatography would also be helpful. Fluency in both Japanese and English (reading, writing and speaking) is essential. Also, if you are not a Japanese resident, employment is contingent upon your ability to obtain a work visa from the Japanese government.

Rohm and Haas offers a highly competitive program of salary and benefits. We also provide many programs for the professional growth of our scientific staff.

Please forward your resume or c.v., including three professional references, to: Corporate Staffing #994, Rohm and Haas Research Laboratories, 727 Norristown Road, Building 70, Spring House, PA 19477.

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KAROLINSKA INSTITUTET
Department of Bioscience at Novum
Center for Structural Biochemistry

Structure Biochemist/Research Assistant

Applications are invited for a research assistant position in the X-ray diffraction laboratory of the Karolinska Institutet with placement at the Center for Structural Biochemistry (CSB) within the Department of Bioscience at Novum. CSB is situated at the South Campus of the Karolinska Institutet encompassing the Novum Research Center and Huddinge University Hospital. CSB has a staff of some 40 persons, with units for Electron Microscopy, Molecular Modeling, NMR-spectroscopy, Protein Engineering and X-ray Crystallography.

The candidate should be a biochemist (post-doctoral level) with some experience in protein crystallography and a pronounced interest in the determination of the structures of biological macromolecules and their relations to function. A solid background in protein biochemistry, protein purification techniques, protein expression and protein crystallization methods is expected. The candidate should be willing to join current research projects going on in the X-ray diffraction Unit. The position is available for 4 years with an initial limitation of 1 to 2 years. The appointment is tenable as soon as possible or such date as may be arranged.

For further information please contact Professor Rudolf Ladenstein +46-8-608 92 22.

Applications should be sent to Karolinska Institutet, Department of Bioscience at Novum, NOVUM, S-141 57 HUDDINGE, SWEDEN together with CV, relevant publications, a short description of research interests and two recommendation letters. Please quote reference no 53021/1 and note that we want your application in 1 original and 2 copies.

Closing date: January 15, 1995

PENN UNIVERSITY OF PENNSYLVANIA

Chair, Department of Pharmacology

The University of Pennsylvania School of Medicine seeks outstanding candidates for the position of Professor and Chair of the Department of Pharmacology. A major institutional commitment to this key basic science department supports this search.

The successful applicant will be of international stature in his or her area of research and will provide academic leadership in the broadly defined area of Pharmacology. Applicants should have demonstrated qualifications in education and administration.

The University is an Equal Opportunity/Affirmative Action employer. Women, minority and international candidates are especially encouraged to apply. Letters of interest, CV, and names of references should be sent to:

Yale E. Goldman, M.D., Ph.D.
Chair, Committee to Search for a Chair of the Department of Pharmacology
Director, Pennsylvania Muscle Institute
University of Pennsylvania
School of Medicine
D-700 Richards Building
Philadelphia, PA 19104-6083
**RESEARCHER IN IMMUNOLOGY**

Laboratoires Fournier is a major independent international pharmaceutical group with a substantial R&D department employing around 450 people.

An immediate opening is to be made for a *researcher in immunology*. The successful candidate should have a PhD in biological science with a solid background in immunology and molecular biology.

Opportunities to demonstrate your innovation skills will have arisen during 3 to 5 years post-doctoral (or equivalent) work in, or in collaboration with, the pharmaceutical industry. As a key member of a highly motivated team, you will be involved in the selection of molecules for use in the mainstream of immunological research, and their subsequent pharmacological development. You will be responsible for identifying, validating and preparing research projects for the future.

You will be responsible for managing a team of two technicians and pre- and post-doctoral trainees. Fluency in English is required and French competence is desirable.

The position is based in Dijon a particularly inviting place to live in Burgundy.

Address your handwritten letter, quoting reference FB/SN, accompanied by a CV and photo, giving details of the notice required to:

Laboratoires Fournier, Human Resources, 50 rue de Dijon, 21121 Daix, France

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**Adjunct Assistant Professor to Coordinate Undergraduate Research**

The Department of Biology at the University of Utah is seeking an adjunct assistant Professor to coordinate Biology's undergraduate research program which involves students to research and then places them in faculty research labs. The position requires a Ph.D. or extensive biological laboratory teaching experience. The individual in this position is also responsible for overseeing summer outreach program for high school and junior high school students. The position includes teaching a laboratory course designed to introduce Biology undergraduates and highly qualified high school students to biological research. The lab course (taught during the summer and again during the academic year) has an equal number of male and female cells but could include other experiments suitable for introducing laboratory research and experiential design concepts. We encourage applications from individuals with an interest in continuing independent research, possibly in collaboration with a faculty member. Alternatively, the individual could assist with teaching other laboratory courses. Salary is negotiable, based on the experience and background of the candidate. We will begin screening applications on January 1, 1995 and will continue until the position is filled. The position could start as early as February 1, 1995, but a later start date is also negotiable. Informal inquiries and questions regarding this position can be addressed to Dr. Breitenbrucker@biology.utah.edu. Interested individuals should contact Office of Undergraduate Research, Department of Biology, University of Utah, 1590 S. Lake City Blvd, Salt Lake City, UT 84112.
POST-DOCTORAL FELLOWSHIPS

are available for research at the Department of Experimental Oncology of the European Institute of Oncology Milan

The European Institute of Oncology is a newly founded comprehensive cancer centre. The Department of Experimental Oncology comprises four sections headed by Dr. Pier Giuseppe Pelicci, Dr. Pier Paolo Di Fiore, Dr. Matthias H. Kraus, and Dr. Kristian Helin, investigating mechanisms of normal and neoplastic growth regulation. Major research areas include signal transduction by receptor tyrosine kinases, functional characterization of cytoplasmic signalling cascades, transcriptional regulation in cell cycle control, and gene expression and structure abnormalities in human cancer. Fellowships are initially offered for one year and are annually renewable for two additional years. Stipend levels will be competitive starting at 30 million Italian lire. M.D. or Ph.D. degree as well as basic research experience in Molecular Biology or Protein Biochemistry are required. Qualifying candidates are invited to forward applications including curriculum vitae, three letters of reference, and a statement of research interest with specific reference to one of the four sections. Applications should be sent to: Dr. Pier Giuseppe Pelicci-European Institute of Oncology-Via Ripamonti, 435-20141 Milano-Italy.

The Free University of Brussels (U.L.B.) wishes to make a senior appointment with a view to developing teaching and research activities in Bacteriology at the Faculty of Medicine. This is a permanent position at associate professor of full professor level.

The appointee will have to develop high level graduate teaching in Bacteriology for students in Medicine, Public Health, Dentistry and Applied Medical Biology. Fluent teaching ability in French is requested. He is also expected to develop a personal research programme in Bacteriology. Since the successful candidate will also collaborate with existing research units within the School of Medicine (Virology, Parastology, Immunology, ...), an ability to master the main techniques of modern microbiology is essential.

Further information is available from: Monsieur le Doyen de la Faculté de Médecine, route de Lennik 808, CP610, 1070 Bruxelles, Belgium.

Application will include a curriculum vitae, a list of publications, a summary of academic and teaching experience and a list of references.

They should be sent to: Monsieur le Recteur de l'U.L.B., avenue Franklin D. Roosevelt 50, 1050 Bruxelles, Belgium, to arrive no later than 31 January 95.
Positions Open

Transplant Biologist

The Section of Transplantation at Rush-Presbyterian-St. Luke’s Medical Center has positions available in areas of transplant immunology, pharmacology and organ preservation. Experience in transplant research, cellular immunology, molecular biology, cytokines or HPLC and gas chromatography are desirable. Minimal qualification is a graduate degree in biological sciences; experience in small animal research is desirable. Applicants may submit a curriculum vitae and names of three references to: James W. Williams, M.D., Director of Transplantation, Department of General Surgery, Rush-Presbyterian-St. Luke’s Medical Center, 1653 West Congress Parkway, Chicago, IL 60612. Telephone: 312-943-2269; FAX: 312-943-2867.

Courses and Training

DNA Cloning: A Five-Day Intensive Introduction

This lecture/laboratory course is designed as an introduction to molecular biology techniques including computer applications, DNA and RNA extraction, cloning, transformation of bacterial cells, electrophoresis, hybridization, detection, amplification and sequencing. January 23-27, May 18-19, August 14-18, 1995. Send check for $500 payable to the University of New Haven to: Chairman, Department of Biology, 300 Orange Avenue, West Haven, CT 06516. Indicate week for which you are registering. For information call 203-932-7107.

EcoLogical Risk Assessment


A two-day course in the methodology of ecological risk assessment with hands-on use of ecological software on ecotoxicology, uncertainty propagation, using GIS in extraction risk analysis for endangered species, and population recovery assessment. Tuition is $950 ($850 for government employees). Contact: Applied Biomatics, 100 North Country Road, Setauket, NY 11733. Telephone: 800-735-4350; FAX: 516-751-3435.

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