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**POSITIONS OPEN**

**FACULTY POSITION.** The Department of Pharmacology, Creighton University, invites applications for a tenure-track position at the level of ASSOCIATE or FULL PROFESSOR. Applicants should have a Ph.D. in pharmacology, or related discipline, and at least three years of postdoctoral experience. Candidates should have research interests in receptor pharmacology and signal transduction, preferably in neuropharmacology, and will be expected to maintain a research program supported by extramural funding. Candidates must show a proficiency in teaching. Current research interests in the Department include cardiovascular, renal and exocrine pharmacology, adrenergic receptors and molecular pharmacology. Interested individuals should send an outline of future research plans, curriculum vitae, names and addresses of three references to: Dr. Frank Dowd, Chairman, Department of Pharmacology, Creighton University, Omaha, NE 68178. Creighton University is an Equal Opportunity/Affirmative Action Employer.

**NATURAL RESOURCE MANAGEMENT AND CONSERVATION**

**ASSISTANT or ASSOCIATE PROFESSOR in the School of Forest Resources and Conservation, University of Florida (two positions):** The School of Forest Resources and Conservation invites applications for two tenure-track positions at the ASSISTANT or ASSOCIATE PROFESSOR level. The individual must be able to participate effectively in the departmental graduate and medical student teaching program. Responsibilities include teaching and advising graduate students, directing student research, and administrative duties associated with the curriculum. The successful candidate will have Ph.D. in a natural resource discipline. Ph.D. candidates will be given a title of Assistant Professor. The successful candidate will be expected to provide evidence of potential for research. Submit a letter of application, curriculum vitae, a statement of research interests, and the names of three references to: Dr. Joseph D. Etlinger, Professor and Chairman, Department of Cell Biology and Anatomy, New York Medical College, Basic Sciences Building, Valhalla, NY 10595. An Equal Opportunity Employer, M/F/V/H.

**FACULTY POSITION IN PHYSIOLOGY UNIVERSITY OF MICHIGAN**

The Department of Physiology at the University of Michigan School of Medicine invites applications for a tenure-track position at the ASSISTANT/ASSOCIATE PROFESSOR level. We seek a person utilizing modern techniques of cell and molecular biology to understand physiological processes at the integrative level. The individual must be able to participate effectively in the departmental graduate and medical student teaching program and must be able to develop an independent research program. Candidates should have Ph.D., M.D., or equivalent degree and a minimum of two years of postdoctoral experience. Applications including complete curriculum vitae should be sent to: John A. Williams, M.D., Ph.D., Professor and Chair, Department of Physiology, University of Michigan Medical School, Ann Arbor, MI 48109-0622.

**ASSISTANT PROFESSOR**

The Department of Anatomy and Neurobiology at Boston University Medical School has a faculty vacancy available. The earliest possible starting date is July 1, 1994. Applicants should have had postdoctoral experience, and should be able to participate in the teaching of Microscopic Anatomy and Neuroscience. Applicants should have an active research program. Send application, including a statement of research interests and future research plans, and the names of three referees to: Faculty Search Committee, c/o Chair, Department of Anatomy and Neurobiology, Boston University School of Medicine, 80 East Concord Street, Boston, MA 02118.

Boston University is an Equal Opportunity Employer.

**X-RAY CRYSTALLOGRAPHER, ASSISTANT OR ASSOCIATE PROFESSOR.** The new Center for Pharmaceutical Biotechnology invites applications in macromolecular X-ray crystallography, available September 1994. Ph.D. and postdoctoral experience required. Responsibilities include developing a strong, externally funded research program, and teaching in graduate and professional programs. Successful candidate will have primary appointment within the Center, tenure-track appointment in a College of Pharmacy basic science department, and extensive collaborative opportunities in a major health sciences center. Forward curriculum vitae, description of research interests, and three reference letters to: Dr. M.E. Johnson, Interim Director, Center for Pharmaceutical Biotechnology (m/c 874), College of Pharmacy, University of Chicago, 833 South Wood Street—m/c 874, Chicago, IL 60612-7231. Screening of applications will begin on 28 March 1994. The position will remain open until filled. Affirmative Action/Equal Opportunity Employer.

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GLAXO INSTITUTE FOR MOLECULAR BIOLOGY

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

POSTDOCTORAL SCIENTIST

to investigate neuronal signal transduction during differentiation

The successful applicant will make a major contribution within a multidisciplinary team identifying crucial molecular components and regulatory events controlling neuronal differentiation and survival. Processes central to the regulation of kinase and phosphatase activities will form an important focus of the project. Informal enquiries to Dr. Steve Arkinstall (SA7182 @ ggr.co.uk) or (tel. + 41 22 706 98 42).

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

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

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

The Swiss Federal Institute of Technology, Lausanne (EPFL, ETH-L) seeks to appoint a

Professor of Biochemical Engineering/ Biotechnology

at the associate or full professorial level. The successful candidate is expected to develop a research program at the leading edge of the technology in Biotechnical Engineering and Biotechnology. Desired areas of research expertise include metabolic engineering, bioreactor development and engineering for animal cell or tissue culture technology, on-line monitoring and control of bioprocesses, down-stream processing, safety of processes and facilities for recombinant protein production. Candidates should have a strong interest in teaching biochemical engineering and general biotechnology both at the undergraduate and graduate levels, and are expected to teach in French after some period of adaptation. The appointed professor will be affiliated to the Institute of Chemical Engineering of the EPFL, but will cooperate closely and share laboratories with a Professor of Molecular Genetics affiliated to the Department of Biology of the University of Lausanne, who also will be appointed in the near future.

Candidates with strong research experience are encouraged to ask the documents pertaining to this position by writing to Professor J.C. Badoux, President, Ecole Polytechnique Fédérale de Lausanne, Centre-Est, CH-1015 Lausanne, Switzerland, and to apply before April 1, 1994.

NEUROPHARMACOLOGIST/ NEUROCHEMIST

Section Head

Wyeth Research (UK) is part of the R & D Division of the Wyeth-Ayerst organisation, a major international pharmaceutical company. The company’s drug discovery activities in the UK are targeted on the CNS.

We are seeking an experienced Neuropharmacologist/ Neurochemist with a solid record of success to lead an in vivo microdialysis group in the Department of Neuropharmacology. Candidates must have a PhD and extensive post-doctoral research experience of high performance liquid chromatography with electrochemical detection and microdialysis. A background in chronic neurodegenerative disease and/or the application of molecular biology techniques to in vivo studies would also be a considerable advantage. In addition to possessing the required specialist experience, the candidate must also have the ability to lead and motivate a small team of Neuropharmacologists and be dedicated to innovative research as evidenced by a record of high quality publications.

The starting salary will be commensurate with the senior status of the position; there is also a competitive benefits package which includes assistance with relocation where appropriate.

To apply, please write with full career details including current salary and benefits to: The Personnel Manager, Wyeth Research (UK), Huntercombe Lane South, Taplow, Near Maidenhead, Berkshire SL6 0PH. Closing date: Friday 11th March 1994.
MOLECULAR BIOLOGY

a new high profile research initiative to discover the genetic clues to diseases

GENOME RESEARCH

ZENECA Pharmaceuticals, a major force in the international pharmaceuticals industry, retains the world class values, excellent pedigree and heritage of its originating company ICI.

At our extensive headquarters research and development facilities in Cheshire, talented scientists and state of the art technology combine to produce some of the world's most important medicines.

ZENECA's research department is collaborating with leading clinical and academic laboratories to identify and clone disease associated genes and it is intended that this collaborative approach to research will grow. It is also our intention to explore potential gene-based therapies. This new and exciting initiative requires additional graduate and post graduate molecular biologists.

**PhD MOLECULAR BIOLOGIST TEAM LEADER**

We require a PhD molecular biologist with several years post doctoral experience in genome research. You will take a lead role in the isolation of genes involved in a range of polygenic diseases. Experience in DNA cloning and gene isolation techniques is essential and some knowledge of genetics is desirable. *Ref INF7/SJA*

**GRADUATE MOLECULAR BIOLOGISTS**

Several positions are available, at various levels, for graduates with molecular biology techniques relevant to the analysis of human genomic DNA and the isolation of coding regions. Experience in DNA cloning technology is highly desirable. *Ref INF8/SJA*

**TRANSGENICS**

We are looking for a scientist to work alongside an existing transgenics group. You will be primarily responsible for work related to developing the greater understanding of specific gene function. Experience in ES cell technology and oocyte technology is desirable. *Ref INF9/SJA*

**BIOINFORMATICS**

Our requirement is for a talented bioscientist with a background in genetics and experience in developing, maintaining and managing DNA and protein sequence databases. We particularly need a person with flair and innovation to improve methods for data handling and sequence analysis. A knowledge of UNIX and client-server computing is desirable. *Ref INF10/SJA*

ZENECA Pharmaceuticals has already established itself at the forefront of genome research and this new initiative will increase our influence in this exciting and challenging science ... leading to the discovery of new therapies in the areas of cardiovascular, cancer, arthritis, pulmonary, infection and diseases of the central nervous system.

Salaries will reflect the importance placed on the recruitment of high calibre scientists and benefits include pension and relocation assistance to this attractive part of Cheshire ... close to the Peak District and only 18 miles south of Manchester.


ZENECA is an equal opportunities employer.
ASSISTANT/ASSOCIATE PROFESSOR

The Department of Pharmacology at the University of South Florida College of Medicine invites applications for a tenure-track faculty position at the Assistant/Associate Professor level. Applicants must have a Ph.D. in pharmacology or equivalent in pharmacology, neuroscience or a related discipline with a minimum of 3 years of experience. Individuals are expected to establish an independent research program in basic or clinical pharmacology and to contribute to teaching medical and graduate students. The Department is seeking outstanding scientists with a strong background in molecular biology and an interest in aging. Applicants should submit curriculum vitae, statement of research interests and future plans, a list of at least three references to: L. Wecker, Ph.D., Professor and Chair, Department of Pharmacology and Therapeutics, USF/COM, 12901 Bruce B. Downs Boulevard, MDC Box 9, Tampa, FL 33612-4799. The deadline for receipt of applications is April 21, 1994. UF is an Equal Opportunity/Access/Affirmative Action Institution. Applicants who need a reasonable accommodation in order to participate in the selection process must notify Nancy Ward at Department of Pharmacology and Therapeutics, USF/COM, 12901 Bruce B. Downs Boulevard, MDC Box 9, Tampa, FL 33612-4799. Telephone: (813) 974-3823, forty-eight (48) hours in advance.

ANIMAL PHYSIOLOGY: Full-time, three-year appointment at ASSISTANT PROFESSOR level; begins Fall Term 1994. Teach junior-level animal physiology course and supervise students. Applicants must be able to contribute to teaching in freshman biology courses and labs. While relevant opportunities are limited during academic year, there is opportunity to pursue research during the summer. Ph.D. in the biological sciences, and commitment to liberal arts and science education and cultural diversity required. Submit letter interest, curriculum vitae and three references to: Department Chair, Box 1176, Brown University, Providence, RI 02912; April 15, 1994, to: Biology Search, University of Puget Sound, P.O. Box 7297, Tacoma, WA 98407. Equal Opportunity Employer/Affirmative Action.

BRIDGEWATER STATE COLLEGE

BIOLOGY, ASSOCIATE PROFESSOR—beginning fall 1994. Full-time, tenure-track position with a concentration in ENVIRONMENTAL STUDIES. Teach undergraduate and graduate courses. Participate in the development of an Environmental Studies Program. Ph.D. in Biology with extensive background in Environmental Science and communication skills. Deadline for complete application file: Open and continuing, review of complete application files will begin March 1, 1994. Submit curriculum vitae, and the name, address and telephone number of three professional references should be submitted for a complete file. A complete file includes: Office of Research and Resources, Boyden Hall, Bridgewater State College, Bridgewater, MA 02325. Bridgewater State College is an Affirmative Action/Equal Opportunity Employer that actively seeks to increase the diversity of its workforce.

ASSISTANT/ASSOCIATE PROFESSOR OF KINESIOLOGY: Two openings: one in Motor Control/Behavior, the other in Biomechanics. Doctorate required, eligibility for physical therapy licensure preferred. Letter of application, copies of three to five published articles in refereed journals, names and addresses of three references to: Dr. Gary W. Kraemer, University of Wisconsin-Madison, 1087 MSC, 1300 University Avenue, Madison, WI 53706, April 1, 1994. Information about confidentiality of applicant names available on request. Applications encouraged from women, minorities, persons with disabilities. University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, TENURE-TRACK

Biology Department, Winthrop University. Duties include teaching of cell biology and investigative biology. Applicants are expected to establish an independent research program in specialized areas in cell biology, physiology, microbiology, or genetics. Applicants should provide a letter of application, curriculum vitae, statements of research and teaching interests, and three letters of reference directly to: Dr. Lockett V. Davis, Chair, Biology Department, Winthrop University, Rock Hill, SC 29733. Application files will begin April 1, 1994. Winthrop University is an Equal Opportunity/Affirmative Action Employer.

HUMAN PHYSIOLOGY

Ball State University

Muncie, Indiana

The Department of Physiology and Health Science is seeking applicants for a tenure-track position as an ASSISTANT PROFESSOR in human physiology beginning August 17, 1994. Primary responsibilities for this position include teaching, scholarly activity, and service. Teaching responsibilities will include general human physiology and at least two of the following courses: cardiovascular physiology, endocrinology, pathophysiology, or renal physiology. The successful candidate will be expected to conduct an active research program that will include independent and grant-supported research. Minimum qualifications: an earned doctorate in physiology or related field; at least one year of successful experience teaching at the graduate level. Preferred qualifications: relevant postdoctoral training and/or research participation and ability to teach human anatomy. Review of applications will begin March 21, 1994, and will continue until the position is filled. Send application letter including description of teaching and research interests, curriculum vitae, undergraduate and graduate transcripts, and three letters of recommendation for the position to: Dr. Ed Meyertholen, Chairperson, Search Committee, Department of Physiology and Health Science, Ball State University, Muncie, IN 47306. Ball State University is an Equal Opportunity/Affirmative Action Employer and is strongly and actively committed to diversity within its community.

PHARMACOLOGY/TOXICOLOGY

ASSISTANT PROFESSOR

Applications are invited for a tenure-track faculty position beginning July 1, 1994. Candidate should possess a Ph.D. in Pharmacology/Toxicology. A degree in pharmaceutical or biomedical sciences is also acceptable. A demonstrated ability to teach anatomy and physiology, pathophysiology and pharmacology courses. Other responsibilities include student advising and graduate teaching in areas of the candidate's interest. The successful candidate would be expected to develop independent research projects, conduct scholarly research and attract extramural support. Applicants should submit letter of intent, curriculum vitae, statement of research interests and the names, addresses and telephone numbers of three references to: W. F. Fochtman, Ph.D., Chair, Search Committee, Department of Pharmacology/Toxicology, School of Pharmacy, Duquesne University, Pittsburgh, PA 15282. Equal Opportunity/Affirmative Action Employer.

Environmental Studies: Brown University seeks candidates for a TENURE-ENDED, ENDOWED ASSOCIATE PROFESSORSHIP in the Center for Environmental Studies, with a joint appointment in a related department, to teach problem-based environmental courses at the introductory and advanced levels and to direct a postdoctoral research program on current research topics. Appointment begins August 28, 1994, with a three-year fixed term beginning August 28, 1994. Separate application forms should be submitted to the following: ADP, 831 Mather Lane, University of California, Berkeley, CA 94720. Responsibilities include teaching and research in environmental science, development of innovative interdisciplinary environmental science curricula, and the supervision of research activities. Review of applications will begin May 1, 1994. Equal Employment Opportunity/AA/ADA/Disability Employer.

ASSISTANT PROFESSOR—BIOCHEMISTRY/MOLECULAR BIOLOGY

The University of West Florida College for Environmental Diagnostics and Bioremediation seeks candidates for a tenure-track faculty position in biochemical/molecular biology. Responsibilities include teaching one course in biochemistry or molecular biology, advising undergraduate and graduate students, and participating in research projects. The successful candidate will be expected to establish an externally funded research program and to teach clinical biochemistry and/or molecular biology. Preference will be given to candidates with experience in the areas of molecular biology, enzymology, nucleotide structure and function, molecular biology, or biochemical/molecular biology. Applications are invited from women and minority candidates. The University of West Florida College for Environmental Diagnostics and Bioremediation is an Equal Opportunity Employer.

ASSISTANT/ASSOCIATE PROFESSOR

DEPARTMENT OF PHARMACOLOGY

The Department of Pharmacology of one of the nation's leading medical, research and teaching institutions invites applications for ASSISTANT/ASSOCIATE PROFESSOR positions to commence in the fall of 1994. We are seeking individuals with proven expertise in applying modern molecular and cellular approaches to problems in neurobiology. Successful candidates will be expected to maintain a vigorous, externally funded research program and to participate in the teaching of medical and graduate students. Applicants should submit curriculum vitae and the names of three references by March 1, 1994, to: Dr. Robert K. Wong, Department of Pharmacology, Mayo Health Science Center at Brooklyn, 450 Clarkson Avenue, Box 29, Brooklyn, NY 11203.

EAST STROUDSBURG UNIVERSITY (ESU)

Department of Physics—full-time, tenure-track ASSISTANT PROFESSOR position beginning fall 1994. Seeking applications from individuals with a background in Geophysics or Atmospheric Physics. Ph.D. preferred. The successful candidate will have an interest in undergraduate interdisciplinary teaching and shall initially teach half-time in the Physics Department and half-time in the Physics Education Program. The successful candidate must be able to teach Meteorology, Climatology and undergraduate Physics laboratories. Additional consideration shall be given to candidates with experience in a Teaching of Science or equivalent qualifications. The successful candidate will be required to apply for appointment to ESU's endowment fund. Applicants should send resume, statement of experience and three letters of reference by April 25, 1994, to: Dr. M. J. Chartier, Chair, Department, East Stroudsburg University, East Stroudsburg, PA 18301.


ASSISTANT PROFESSORS

Departments of Neuro-Oncology, Neurosurgery, and Brain Tumor Center

Tenure-track positions available for a Ph.D. or M.D./Ph.D. with experience and expertise in conducting laboratory research in molecular and cellular biology related to the treatment of brain tumors. Experience in one or more of the following areas: signal transduction, tumor suppressor genes, protein tyrosine kinases, extracellular matrix, tumor invasion, or molecular strategies for cancer therapy. Experience with brain tumors is encouraged but not required. Salary and benefits are highly competitive. Send curriculum vitae, extramural funding, teaching experience, and references to: Victor A. Levin, M.D., Department of Neuro-Oncology Box 100, University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, TX 77030. Equal Opportunity/Affirmative Action Employer.
FACULTY OF SCIENCE - UNIVERSITY OF LAUSANNE

Applications are invited for the post of:

FULL PROFESSOR MOLECULAR GENETICS
in the Institut de Biologie animale.

The successful applicant will direct a research group in a laboratory common to the University and the Federal Polytechnic School. He or she will teach, in French, molecular genetics at the pre- and postgraduate levels in collaboration with colleagues in the Institut de Biologie animale. A research programme near the interface of genetics and biotechnology is sought, particularly in the areas of gene structure-function, signal transduction or protein design.

A CV, copies of diplomas, summary of future interests, three representative publications together with a list of referees should be addressed to: Doyen de la Faculté des sciences, Collège propédeutique, CH-1015 Lausanne, Switzerland.

Vice President for Health Affairs

Case Western Reserve University invites nominations or applications for the newly created position of Vice President for Health Affairs. Collectively, the School of Medicine, the School of Dentistry, and the Frances Payne Bolton School of Nursing have 1,300 full-time and 1,700 part-time faculty and 1,500 students. Extramural support for research and training programs in the three schools totals more than $30 million. Academic teaching and research facilities for these programs are located in the University's health sciences campus, in close proximity to the other schools in the University. The most recent addition to this complex is a new Biomedical Research Building with 150,000 sq. ft. of research space. The University maintains close and growing affiliations with major primary and tertiary care institutions in the region as well as nationally and internationally.

Reporting to the President, the Vice President for Health Affairs will provide institutional leadership for the health sciences. The University seeks an individual of distinguished academic accomplishment to represent the University in the development of a community-wide, multidisciplinary academic health center. Serving as the University's advocate and spokesperson for the Health Sciences, both internally and externally, the Vice President will coordinate activities and academic programs of common interest to the three health science schools, including affiliations, interdisciplinary initiatives, and fund-raising. The Vice President will have administrative oversight for the School of Medicine, comprising 27 basic science and clinical departments, and will be responsible for supervision of research, for professional education, for facilities needs, for hospital affiliations, and for the budget.

Send nominations or letters of application with complete curriculum vitae and bibliography to:

Chair, Search Advisory Committee for Vice President for Health Affairs, Office of the President, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, Ohio 44106-7001

Review of submissions will begin in March 1994.

In employment as in education, Case Western Reserve University is committed to Equal Opportunity and Affirmative Action.

The field of pharmaceuticals and health care is more rewarding than ever as new products create a healthier world population. As one of the leaders in this dynamic industry, Pfizer Inc, a Fortune 100 company, is committed to continuing its remarkable growth. We are currently seeking scientists to expand our drug discovery program.

Cardiovascular Scientists

Research Scientist, PhD

Join an active team of investigators in the discovery of novel therapeutics for the treatment of cardiovascular disease. A PhD in Pharmacology, Physiology, Biochemistry or related discipline and a minimum of 2 years postdoctoral training required. Experience in the application of pharmacological, biochemical and physiological techniques to assess vascular and cardiac function in isolated tissue bath preparations essential. Background in the areas of heart failure, vascular endothelial function or myocardial ischemia/reperfusion injury an asset.

Assistant Scientist, BS/MS

In this key position, you will study the pathophysiology of cardiovascular disease. Experience in biochemistry, radioimmunoassay, ligand/receptor binding assays and/or molecular biology desired. Work with isolated tissue preparations and/or cell culture systems. Minimum of 1 year experience in a research laboratory as well as the ability to work well in a team environment and summarize/communicate results effectively are required.

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

CASE WESTERN RESERVE UNIVERSITY
POSITIONS OPEN

FACULTY POSITION IN FOREST GENETICS MICHIGAN STATE UNIVERSITY

The Department of Forestry is seeking applicants for a tenure-track ASSISTANT PROFESSOR of forest genetics position (70% research, 30% teaching). The successful applicant is expected to build a scholarly research program in the areas of molecular, physiological, or ecological genetics, teach one-semester courses in forest genetics at the undergraduate and graduate level, be actively involved in graduate-student advising, and contribute to the experimental Plant Breeding and Forest Genetics Program. Candidates must have a Ph.D. in plant or forest genetics and one degree in forestry. A combination of education and experience may also be considered. An interest in working with woody plants, and knowledge of current research technologies in plant genetics are primary search criteria. Applicants should send a letter of intent, curriculum vitae, and four letters of reference before March 1, 1994, to: Dr. Donald I. Dickmann, Forest Genetics Search Committee, Department of Forestry, Michigan State University, East Lansing, MI 48824-1222. Michigan State University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minority candidates.

CELL BIOLOGIST UNIVERSITY OF CALIFORNIA, IRVINE

The Department of Developmental and Cell Biology invites applications for a tenure-track position at the ASSISTANT PROFESSOR level in Cell Biology. Applicants must have a Ph.D. and postdoctoral experience in any area of cell biology and be committed to rigorous, fundamental inquiry. The University of California at Irvine is committed to excellence in diversity. Applications including a letter of intent and curriculum vitae should be sent to: Dr. Carol L. Shantz, Department of Developmental and Cell Biology, University of California, Irvine, CA 92697-2500. Telephone: (714) 856-0899. The University of California at Irvine is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity.

SCIENCE EDUCATION WITH BIOLOGY EMPHASIS Tenure-track position at ASSISTANT or ASSOCIATE PROFESSOR level to begin September 1994; Ph.D. required. The Biology Department at Western Washington University invites applicants with expertise in science education and competence in biology. Teaching responsibilities will be divided equally between Science Education and the Biology Department, and will include the supervision of student teachers and graduate students in science education. The successful applicant will be expected to maintain a research program involving science education or biology. Applicants should submit curriculum vitae, a statement of teaching and research accomplishments, recent reprints, and four letters of reference to: Dr. Jal Parakh, Science Education Search Committee, Department of Biology, Western Washington University, Bellingham, WA 98225-9060. Telephone: 206-660-3627; FAX: 206-660-3148. Review begins 17 March 1994; the position will remain open until filled. Affirmative Action/Affirmative Action Employer.

ASSISTANT PROFESSOR OF PLANT BIOLOGY: The Department of Physiology/Pharmacology at the University of Osteopathic Medicine and Health Sciences is seeking candidates for a tenure-track assistant professor position. A Ph.D. degree with a primary research interest in plant physiology and pharmacology is preferred. Responsibilities include teaching the pharmacology in several university programs. The candidate will have the opportunity to conduct independent research or participate in departmental research projects. Candidates should have a Ph.D. degree in pharmacology or a related field. The successful candidate will be expected to maintain a strong research program in the University with and univer- sities. Applications are invited for the position of equal opportunity. Review of applications will begin March 1, 1994. The University of Arizona is an Equal Employment Opportunity/Affirmative Action Employer.

ASSESSOR OF PHYSIOLOGY: The Department of Physiology/Pharmacology at the University of Osteopathic Medicine and Health Sciences is seeking candidates for a tenure-track assistant professor position. A Ph.D. degree with a primary research interest in plant physiology and pharmacology is preferred. Responsibilities include teaching the pharmacology in several university programs. The candidate will have the opportunity to conduct independent research or participate in departmental research projects. Candidates should have a Ph.D. degree in pharmacology or a related field. The successful candidate will be expected to maintain a strong research program in the University with and univer- sities. Applications are invited for the position of equal opportunity. Review of applications will begin March 1, 1994. The University of Arizona is an Equal Employment Opportunity/Affirmative Action Employer.

POSITIONS OPEN

TENURE-TRACK FACULTY POSITION

Applications and nominations are invited for an ASSISTANT PROFESSOR to join an established, research-oriented department with a long-standing record of strong extramural support. Candidates must be using modern techniques to study significant biological ques- tions at the molecular and/or cellular level, preferably involving malignancies, infectious diseases, or transgenic organisms. Applicants should have two or more years of relevant postdoctoral experience, and show superior promise for building an independent, funded research program with- in the first 1-2 years of the tenure period. The new faculty position will be located in a newly constructed, 3-story, laboratory building on the campus of Arizona State University. The department is located in the newly renovated, state-of-the-art Life Sciences Building located adjacent to the Chemistry Building. The salary is competitive, and the department provides start-up funding for development of the research program. Applicants must have a Ph.D. degree and training in biology and have demonstrated excellence in research and teaching. Applicants who have established extramural funding or have strong potential for development of extramural support are encouraged to apply. Send a letter of application, curriculum vitae, and names of three references to: Dr. David Segal, Department of Biology, Arizona State University, Tempe, AZ 85287-0209. Review of applications will begin 15 October 1994, and continue until a suitable candidate is recruited. Applications and nominations should be sent to: Prof. David Segal, Department of Biology, Arizona State University, Tempe, AZ 85287-0209. (Telephone: 602-965-5073; FAX: 602-965-1905)

FISH AND WILDLIFE DEPARTMENT HEAD—EXTENDED SEARCH

Required qualifications include a Ph.D. and experience applying modern techniques to demonstrate second- ary commitment to academic excellence, outstanding research record, and excellent interpersonal, communica- tion and executive leadership skills. Send curriculum vitae, statement of research, teaching, and research philosophies, and names of at least 3 references to: Dr. Robert Nelson, Chair, Search Committee, Department of Biology, University of Idaho, Moscow, ID 83844-1136. An Affirmative Action/Equal Opportunity Employer.

DIRECTOR, PLANT ENVIRONMENTAL BIOLOGY PROGRAM

Boise Thompson Institute for Plant Research seeks candidates for a tenured position as director of a well-equipped program with eight staff scientists and support in the study of atmospheric and other abiotic stresses on plants.

Applications should have proven ability in the conduct and supervision of research on environmental effects on plants and/or ecosystems. The successful candidate will be expected to maintain a strong research program, coordinate research within the Program with and univer- sities. Applications are invited for the position of equal opportunity. Review of applications will begin March 1, 1994. The University of Arizona is an Equal Employment Opportunity/Affirmative Action Employer.

ASSISTANT DIRECTOR FOR SAFETY TESTING

Laboratory Animals Section, the Humane Society of the United States (HSUS). Search Reopened. Doctoral degree in Life Sciences required. Experience in in vivo toxicology preferred. The successful candidate will develop and direct the HSUS's programs to replace, reduce, and refine animal research. Send resume, references, to: Dr. Philip Mendoza, HSUS, 2100 L Street, N.W., Washington, DC 20037; Telephone: 202-452-1100. Consideration will be given to the University of Illinois at Urbana-Champaign for the position of equal opportunity.

DIRECTOR—MOLECULAR BIOLOGY

Academia Sinica, Taipei, Taiwan, ROC, is seeking nominations and applications of scientists qualified to serve as Director of the Institute of Molecular Biology (IMB). IMB currently has over 20 principal investigators and about 100 scientific staff. It is well-supported by stable funding and has one of the largest research programs in molecular biology in the world. Research programs include gene regulation, immunology, RNA processing, and analyses of the structures of a variety of molecules. The successful candidate will directly supervise a staff of 100. The position requires a Ph.D. in molecular biology or a related field, and at least 5 years of research experience in molecular biology. Applications should be completed by May 10, 1994. Review of applications will begin April 5, 1994, and continue until a suitable candidate is recruited. Applications and nominations should be sent to: Dr. Shu Chien, Institute for Biomedical Engineering, University of California, San Diego, La Jolla, CA 92039–0412. (Telephone: 619-534-5195; FAX: 619-534-8722.)
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Deputy Group Leader - Geoanalysis Group

The mission of the Group is to acquire new knowledge, serve program customers and advance the state-of-the-art in analysis and computational modeling of the geophysics of the solid earth and its atmosphere and hydrosphere. Activities include atmospheric science, stress wave physics, flow-through porous and fractured media and information management/analysis. As Deputy Group Leader, you will be responsible for a team of 16 people and have responsibility for managing and promoting programmatic aspects of atmospheric science activities, and acting as liaison between the group, atmospheric sciences community and sponsors. Activities of the group currently include global and regional climate change modeling, massively parallel computing, cloud and radiation processes, atmospheric chemistry, ship track studies, atmosphere-ocean interactions, modeling and observations of flow in complex terrain including plume transport/dispersion and for emergency air quality and verification techniques. Additional responsibilities include serving as deputy on issues relating to staff management and acting as group leader when necessary.

To qualify, the successful candidate will have a strong scientific/technical background and knowledge of the group’s scientific activities. This position requires an independently verifiable record of successes in research leadership and productivity, collaboration with industry and university scientists, technical project leadership/management, supervising teams conducting basic or applied research, program development and negotiations. A publication record of achievement and contribution in the atmospheric sciences with particular emphasis in either climate or meteorology is necessary; management experience in an R&D environment is required. Ability to develop and promote research activities is required as are strong interpersonal/oral/written communication skills. Knowledge of the atmospheric sciences community, Laboratory policies/procedures, current Department of Energy and other agency programs/sponsors is desired as is use of meteorological observational tools and methods. A “Q” security clearance is also desired. This position requires a Ph.D. in Meteorology or Atmospheric Science or equivalent combination of education and experience.

To formally apply for this position, interested candidates should forward a resume to Cathy Majerus (MS P286), Personnel Services Division 101436-B, Los Alamos National Laboratory, Los Alamos, NM 87545. Affirmative Action/Equal Opportunity Employer. Individuals with disabilities needing reasonable accommodation should call (505) 667-8622. A Teletype Device for the Deaf (TDD) is available by calling (505) 665-5357. Los Alamos National Laboratory is operated by the University of California for the U. S. Department of Energy.
POSTDOCTORAL POSITION: MOLECULAR ASPECTS OF VASCULAR BIOLOGY

NORTHWESTERN UNIVERSITY--CHICAGO

Applicant sought to participate in ongoing studies of inflammation and its impact on the matrix of the aortic wall in aneurysmal and occlusive disease. Basic techniques in molecular biology required with additional training in immunology or signal transduction in situ hybridization. Send curriculum vitae and names of 3 references to: Dr. William H. Pearce, Division of Vascular Surgery, Northwestern University, 251 East Chicago Avenue, Suite 624, Galileo, IL 60611.

POSTDOCTORAL POSITION—FLUORESCENCE SPECTROSCOPIST—to study fatty acid and sterol carrier protein structure, lipid interaction, and function. Ph.D. or equivalent in biochemistry, chemistry, physics, or related field. Experience in time resolved fluorescence desirable. Send curriculum vitae and 3 letters of reference to: Dr. F. Schroeder, Department of Physiology and Pharmacology, University of Texas Arm, University College Station, TX 77843-4436. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH FELLOW to carry out research in atherosclerosis and lipoprotein metabolism in normal and disease states. Experience in molecular biology or biochemistry desirable. Send resume to: Dr. Alan Tall, Division of Molecular Medicine, Department of Medicine, Columbia University, 630 West 168th Street, New York, NY 10032. Columbia University is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION to study the role of chromatin structure and gene expression in DNA Repair in mammalian cells and yeast minichromosomes (e.g., seeCurr. Opinion Cell Biol. 3, 422, 1991; JBC 267, 5996, 1992 and 268, 23755, 1993; Biochemistry 32, 10527, 1993). A Ph.D. is required or equivalent in biochemistry, molecular biology and/or molecular genetics is preferred. Send statement of interests, resume and names of 3 references to: Dr. Michael J. Sternber, Department of Biochemistry and Biophysics, Washington State University, Pullman, WA 99164-4660. (FAX: 509-335-9688). WSU is an Equal Opportunity/Affirmative Action Employer.

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**Positions Available**

Pharmaceutical Peptides, Inc. is a newly formed, well-financed biotechnology company dedicated to the development of novel drug substances in a wide variety of therapeutic areas. Peptides and related molecules derived from chemical and biological libraries will serve as the cornerstones of novel methodologies for drug discovery.

The Company, located in Cambridge, Massachusetts, has been founded by three leading scientists with the financial support of a group of prestigious investors. It now seeks to hire individuals with a strong desire to participate in the rapid growth of an entrepreneurial company. Compensation will be in the form of salary as well as an attractive stock option package.

**Director of Chemistry (Ph.D. or M.D.):** This is a senior level position responsible for all chemistry within the Company and will report to the Company's Director of Research. The individual should have at least 5 years, post-degree, of industrial or academic research experience leading a group in the areas of protein, peptide or medicinal chemistry.

**Director of Cell Biology (Ph.D. or M.D.):** This is a senior level position responsible for cellular research and development in all therapeutic areas involving gene expression and characterization of novel molecules affecting biological processes, and will report to the company's Director of Research. The individual should have at least 5 years, post-degree, of industrial or academic research experience leading a group in the field of cell biology with emphasis on molecular biology or biochemistry.

**Senior Technologist:** This is a senior level position that will report to the Company's Director of the appropriate research Department. The individual should have at least 10 years experience in either molecular biology or chemistry, and be able to work effectively with senior level scientists in all areas of the Company's research.

Qualified individuals should send resumes, a list of references, and two of their most important publications to Dr. Ethan Signer; MIT 56-445, 77 Mass. Ave. Cambridge, MA 02139.

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**KHEPRI Pharmaceuticals, Inc.**

260 Littlefield Ave. South San Francisco, CA 94080

Khepri Pharmaceuticals, Inc. is a dynamic biopharmaceutical company focused on the discovery and development of novel drugs based on proteases and protease inhibitors. The company's initial product leads and research efforts are targeted toward inflammation, cancer and infectious disease. We are currently seeking self-motivated team players for the following:

**RESEARCH ASSOCIATE POSITIONS:** with BS or MS in biological sciences or related field and 2-3 years experience required.

- **Molecular Biology** - Knowledge of PCR, molecular cloning, DNA sequencing, so/no blotting, cDNA library screening, protein expression and characterization is required. Experience in cell culture is a plus.
- **Process Development** - Position requires experience in the scale-up of therapeutic protein purification processes with a strong background in protein biochemistry and analytical techniques. Expertise in chromatography, filtration, cell harvesting, extraction, and FPLC systems is desirable.
- **Protein Microchemistry** - Proficiency with characterization and micro-purification using standard techniques, including HPLC, is necessary, and experience with N-terminal sequencing, mass spectrometry, 2D gels, or capillary electrophoresis would be desirable.

Khepri is dedicated to providing a supportive and stimulating work environment as well as an excellent compensation and benefits package. E.O.E. For immediate consideration send your CV, cover letter, and references to: Khepri Pharmaceuticals, Inc. Tracy Brammer, 260 Littlefield Ave., South San Francisco, CA 94080.
POSITIONS OPEN

CARDBIOVASCULAR PHYSIOLOGIST/SURGEON
Division of Cardiovascular Medicine, Harvard Medical School, invites applications for a Cardiovascular Physiologist/Surgeon position. The postdoctoral appointment is in chronic animal surgery.

POSTDOCTORAL OR JUNIOR FACULTY LEVEL.
D.V.M. or M.D. degree required. We are looking for this individual to perform independent research for a multidisciplinary team examining cardiovascular control mechanisms in myocardial hypertrophy, heart failure, and ischemia, and to work closely with the principal investigators, who will be coordinated with studies at the cellular/molecular level. Women and members of minority groups are encouraged to apply. Affirmative Action/Equal Opportunity Employer.

Candidacy and curriculum vitae to: Dr. Stephen F. Vatner, Professor of Medicine, Harvard Medical School, NEPRC, One Pine Hill Drive, Southboro, MA 01772.

POSTDOCTORAL RESEARCH PROJECT
available at Tennessee Valley Authority (TV) in Norris, Tennessee. Research includes developing, modifying, and applying existing plant and gap-succeSSION models to predict ecosystem-level responses of forests to environmental stress. Degree within last four years in forest ecology, biology, or related field with background in modeling across a range of spatial scales. For application materials contact: Dr. Robert Brackenbury (molecular genetics and plant-cell recognition), 615-264-3756 or send curriculum vitae to: Jerry Wieczorek, tvresearch@tva.gov.

POSTDOCTORAL AND GRADUATE STUDENT FELLOWSHIPS
The University of Cincinnati College of Medicine offers a modern interdepartmental training program in cell growth and differentiation. Experimental approaches within the program include the role of oncogenes and growth factors in cellular transformation, differentiation and the use of transgenic cells and animals. Participating faculty are: Dr. Robert Brackenbury (molecular genetics and plant-cell recognition); Dr. Alan G. Helfrich (signal transduction); Dr. James Lasserd (cell and molecular biology of muscle); Dr. Michael Lieberman (cellular differentiation of megakaryocytes); Dr. Jerry B. Lingrel (genetics and enzymology of the Na-K ATPase); Dr. Anil Menon (genetic analysis of human cancers); Dr. Dan Nebert (genetics of detoxifying enzymes); Dr. Linda Parysek (functions of intracellular chains); Dr. Steven Porter (control of mammalian development); Dr. Nancy Ratner (neuronal cell surface mitogen); Dr. Jeffrey Robbins (cytoskeletal proteins and small GTP-binding proteins); Dr. Charles Sidman (mutagenesis and genome analysis); Dr. Peter Stambrook (mutagenesis, cancer, and gene regulation); Dr. Robert Brackenbury (molecular genetics of a regulatory tract); and Dr. David Wiacek (muse gene expression and alternative splicing).

Positions are immediately available and are funded through a national research training program. Applicants must have U.S. citizenship or permanent residency and have completed a Ph.D. degree or equivalent. Candidates should send curriculum vitae, a letter of interest, and names and addresses of three references to: Dr. Michael Lieberman, training director, Department of Molecular Genetics, Biochemistry, and Microbiology, University of Cincinnati College of Medicine, 231 Bethesda Avenue, Cincinnati, OH 45267-0624. An Equal Opportunity/Affirmative Action Employer.

RESEARCH FELLOWSHIPS—Mount Sinai School of Medicine, Department of Psychiatry, in conjunction with the Mount Sinai Psychiatric Institute and the New York State Psychiatric Institute invites applications from highly motivated researchers with demonstrated experience in an area of psychiatric research. The fellowship is specifically aimed at training scientists interested in the basic mechanisms of major affective and anxiety disorders. Applicants should have an M.D., Ph.D., or equivalent degree. Applicants are expected to begin the fellowship within one year of receipt of the degree. The postdoctoral position is available immediately, and the initial appointment may be renewed for additional time. A Ph.D. is highly desirable. Research facilities include the Laboratory of the Mount Sinai Psychiatric Institute and the New York State Psychiatric Institute. The successful candidate will be provided with a laboratory environment and state-of-the-art equipment. Applicants should submit a curriculum vitae, research statement, list of publications, and names and addresses of three references to: Dr. Joseph A. Ketter, Department of Psychiatry, Mount Sinai School of Medicine, New York, NY 10029.
"THE YEAR OF LOUIS PASTEUR" INTERNATIONAL SYMPOSIA

The 100th anniversary of the death of Louis Pasteur will be celebrated in 1995 as "The Year of Louis Pasteur". UNESCO and Institut Pasteur are collaborating in the organization of this prestigious commemoration.

This occasion is the opportunity for the international community to pay tribute to Louis Pasteur’s scientific work which has brought about revolutionary changes in science and medicine. His discoveries were major breakthroughs for mankind in the fields of health, agriculture, and industry.

During 1995, numerous events throughout the world will highlight the role and methods of Louis Pasteur, whose rigorous approach and constant concern for the applications of science, have inspired scientists for more than a century.

Among the many events, the six following international scientific Symposia will be organized to commemorate Louis Pasteur’s major discoveries and their worldwide impact in the development of Biological Sciences:


Further information from:
Symposium N°1. Dr. A. Ullmann, Institut Pasteur, 28 Rue du Dr. Roux, 75724 Paris Cedex 15, France, Fax 33. 1. 40 61 30 19 or Dr. E. De Souza Garcia, Fundação Oswaldo Cruz, Avenida Brazil 4365, Manguinhos, 21045 Rio de Janeiro, Brazil, Fax 55. 21. 260 67 07.
Symposium N°2. Dr. J.-L. Durosoir, Institut Pasteur, address as above, Fax 33. 1. 45 68 89 52 or Dr. Hoang Thuy Nguyen, National Institute of Hygiene and Epidemiology, 1 Yersin Street, Hanoi, 10.000 Vietnam, Tel 84. 4. 25 43 62.
Symposium N°3. Dr. J.-L. Virelizier, Institut Pasteur, address as above, Fax 33. 1. 45 68 89 41 or Dr. J.-P. Digoutte, Institut Pasteur de Dakar, BP 220 Dakar, Senegal, Fax 221. 23 87 72.
Symposium N°4. Dr. J.-P. Aubert, Institut Pasteur, address as above, Fax 33. 1. 45 68 87 90 or Dr. P. Martin, Institut Louis Malardé, B.P. 30 Papeete, Tahiti, French Polynesia, Fax 689. 43 15 90.
Symposium N°5. Dr. H. Buc, Institut Pasteur, address as above, Fax 33. 1. 40 61 30 60 or Dr. S. Burley, Howard Hughes Medical Institute, The Rockefeller University, 1230 York Avenue, New York, NY 10021-6399, U.S.A. Fax 1. 212. 327 83 37.
Symposium N°6. Dr. M. Girard, Institut Pasteur, address as above, Fax 33. 1. 40 61 30 45.
THE FIFTH MEETING ON
THE MOLECULAR
BASIS OF CANCER

1994 Meeting Organizers

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

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

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

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

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

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

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

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

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

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

For information and registration materials, please contact Margaret L. Fanning, Conference Coordinator, FACS, P.O. Box 249, 12120 Main Street, Libertytown, Maryland 21762. Telephone 301-989-9256 • FAX 301-989-9173.

Analytical and Quantitative Light Microscopy in Biology, Medicine, and Materials Science
May 12 — 20, 1994
This intensive lab/lecture course, designed for professional researchers, advanced graduate students and industrial scientists and engineers, provides an in-depth examination of the theory of the microscope and application of video for exploring subtle interactions between light waves and the specimen. Limited to 22 students.

Directors: Greenfield Shudler and David Wolf, Worcester Foundation for Experimental Biology.

Microinjection Techniques in Cell Biology
May 24 — 31, 1994
This research-oriented course for 24 graduate students, postdoctoral researchers, and investigators, leading practitioners teach microinjection techniques in combination with analytical light microscopic methodologies, electroporation, biologic methods, electrophysiological and photometric approaches. Participants will learn techniques of microinjection into a variety of intact, living cells through lectures, demonstrations, and extensive hands-on laboratory exercises.

Director: Robert B. Silver, Cornell University. Tuition: $1550 (includes room & board).

Marine Animal Models: Their Care, Culture, and Uses in Basic Biological, Biomedical, and Toxicological Research
May 15 — 27, 1994
This lab and lecture course is intended for 20 scientists, advanced technicians and students interested in maintaining, rearing, and spanning marine organisms for scientific research. The course emphasizes four themes: (1) ecological approach to water quality, system design and disease prevention, (2) nutrition and metabolism, (3) settlement, growth and behavior, and (4) reproduction and genetic manipulation. Recent developments in molecular biology, biotechnology and computer automation will be addressed.

Director: Roger T. Harlen, Marine Biomedical Institute, Galveston.
Tuition: $1500 (includes room & board).

For further information and admissions applications contact: Admissions Coordinator, Marine Biological Laboratory, Woods Hole, MA 02543; (508) 548-3705, ext. 401; Internet: admissions@mbl.edu.

MARINE BIOLOGICAL LABORATORY
Spring Training Opportunities
The MBL is an EEO Affirmative Action Institution

June 16-18, 1994
Hood College
Frederick, Maryland

DEPARTMENT CHAIRS

The Florida College of Osteopathic Medicine (proposed) is initiating a search for academic and clinical professionals interested in becoming the founding faculty of a new independent, non-profit medical college to begin classes in the Fall, 1995. The core faculty will develop a community-directed curriculum that will successfully graduate compassionate, knowledgeable, skilled, and service-oriented osteopathic physicians into the new health care systems of the twenty-first century. These positions will be filled by July 1, 1994, and applications will be received immediately and until the positions are filled.

The following positions serve to develop, conduct, and evaluate all academic programs related to medical training in the professional field indicated. The positions will be filled by medical scientists and educators having a terminal academic (Ph.D., D.Sc) or medical degree (D.O., M.D.) with academic credentials supporting appointment as associate or full professor. The applicant must have a principal interest in forming an academic department and developing an innovative instructional and student-learning curriculum integrated with clinical training. The applicant should have experience in department or project management and success as an academic role model and student-advocate. Clinically-based research experience is preferred, though not required. The professionals selected must manifest a willingness to support the educational, osteopathic medicine, and community-service mission of the college.

Chair, Department of Clinical Anatomy
Chair, Department of Clinical Microbiology
Chair, Department of Clinical Biochemistry
Chair, Department of Clinical Pharmacology

A letter of interest, curriculum vitae, and addresses/ phone numbers of three professional references should be sent to: Dr. Karen Kritsky, Chair, Faculty Development Committee, Florida College of Osteopathic Medicine, P.O. Box 4460, Seminole, FL 34642. (Florida College of Osteopathic Medicine is an Equal Opportunity, Affirmative Action Employer.)
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RESEARCH SCIENTIST IN GENE THERAPY DEVELOPMENTAL HEMATOLOGY

Requirements:
- Experience in retrovirus mediated gene transfer
- PhD and 2 years' postdoctoral experience
- Thorough understanding of hematopoiesis

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DIRECTOR
UNIVERSITY OF IDAHO IDAHO FALLS CENTER FOR HIGHER EDUCATION

The University of Idaho invites nominations and applications for the position of Director of the Idaho Falls Center for Higher Education (IFCHE).

The University of Idaho, with approximately 12,000 students and 800 faculty, is the state’s land-grant research institution and senior of Idaho’s four state-supported institutions of higher education. Educational opportunities are provided statewide through Resident Instructional Centers at Coeur d’Alene, Boise, and Idaho Falls. The primary emphasis of the University of Idaho in Idaho Falls is at the graduate level in engineering and science.

The UI/IFCHE program in higher education at Idaho Falls began evolving in the early 1950s in support of the atomic energy operation at the National Reactor Testing Station, now Idaho National Engineering Laboratory. The program is supported in part by the U.S. Department of Energy. The University of Idaho program provides a means of delivering undergraduate and graduate education to INEL employees as well as to others in the Idaho Falls area. University of Idaho graduate degrees are offered in electrical engineering, nuclear engineering, civil engineering, chemical engineering, mechanical engineering, metallurgy, chemistry, physics, applied mathematics, computer science, environmental science, and waste management.

Candidates for the position will be expected to possess:
- Ph.D. in engineering, science, or related discipline;
- Successful experience in planning, research direction, program development, personnel management, budgeting and working with professionals related to the mission of INEL;
- Communication skills, professional integrity, executive leadership, and vision and capability to address the challenges facing the Idaho Falls area;
- A commitment to promoting excellence in teaching and research; and
- Demonstrated commitment to the principles of affirmative action.

The University of Idaho is an equal opportunity/affirmative action employer and educational institution.

Send nominations and letters of interest to:

Dr. Thomas O. Bell, Provost Chair, IPCHE Director Search Committee Administration Building 107 University of Idaho Moscow, ID 83844-3152

Review of applicants will begin April 15, 1994; the successful applicant may assume the post on July 1, 1994.
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PLUS, unbeatable bonus distribution to these hot scientific meetings:

- April 10-13, American Association for Cancer Research, San Francisco, California
- April 24-28, Experimental Biology (FASEB), Anaheim, California

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In the US and Canada: Call Janis Crowley at (212) 496-7704, or fax: (202) 682-0816.

In Europe: Call Annemarie Vis at (+44) 0223 302067, or fax: (+44) 0223 302068.

In Australia: Call Keith Sandell at (+61) 02922 2977, or fax: (+61) 02922 1100

POSITION ANNOUNCEMENT

DIRECTOR GENERAL
for a new International Livestock Research Institute

The Consultative Group for International Agricultural Research (CGIAR) is in the process of establishing a new global livestock research entity. The Rockefeller Foundation has been given the responsibility of guiding the establishment of the institute including identifying candidates for the position of Director General.

The CGIAR is a consortium of donor agencies which now support a worldwide network of eighteen research centers. The United Nations Development Programme (UNDP), the Food and Agriculture Organization of the United Nations (FAO) and the World Bank serve as co-sponsors of the system supporting the Centers. Two of these Centers, the International Livestock Centre for Africa (ILCA) and the International Laboratory for Research and Animal Diseases (ILRAD) will be amalgamated into the newly created global livestock research institute.

The decision as to the headquarters location is still under examination but should be decided before candidates must make a final decision as to their interest and availability for the position.

The new institute will have a mandate to monitor global and regional trends in livestock, and to propose and conduct research and training programs addressing constraints to the efficiency of livestock systems. Its primary role will be research conducted in collaboration with other research institutes in developing countries, with both public and private sector organizations.

The new institute will have an annual budget of some $20 -25 million dollars U.S. and will be governed by an independent international board of trustees.

The Director General serves as Chief Executive Officer of the Institute. He/she provides professional leadership and has administrative responsibility for all activities of the Center. This includes resource mobilization, staff recruitment and management, providing research direction and the dissemination of results.

Qualifications required for the position include a demonstrated capacity for dynamic leadership and evidence of a successful and innovative approach to research planning, organization and administration. A Ph.D. degree or its equivalent in the biological or social sciences related to agriculture plus ten years experience in a relevant position is required. A comprehensive knowledge of livestock production systems is essential. Experience living and working in developing countries is highly desirable. Fluency in English is required. Additional language competence would be advantageous and women applicants are particularly welcome.

The initial appointment will be for up to five years and may be extended by mutual agreement. Salary is negotiable and will be based on experience. An internationally competitive benefit package will be provided.

The person selected would be expected to assume the position about January 1, 1995. Nominations and applications must be received no later than April 30, 1994. Where possible, a recent curriculum vitae and list of three references should be included. They should be sent to:

Mr. Robert D. Havener, Consultant
The Rockefeller Foundation
c/o P.O. Box 440
Solvang, California, USA 93464
Phone (805) 688-3204
Fax (805) 688-1086

Somatix Therapy Corporation is the SCIENTIFIC LEADER IN THE FIELD OF GENE THERAPY. Our assets include highly efficient gene transfer technology, broad-based, intellectual property and product development programs for Cancer, Neuroscience and Hemophilia. We currently have the following opportunities available:

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Virus Purification
You will design, develop and implement a product recovery purification program. We require a Ph.D. in Biochemistry or Virology and 5+ years of relevant experience. A strong purification background and experience in process development for viral particle recovery, virology or retrovirology are also required. Box # 94-006

Postdoctoral Fellow
Adenoviral
You will design and construct new vectors for efficient delivery of genes into cells, as well as modify and improve existing adenoviral vectors with a view towards making safer and efficient delivery. Other duties include assisting the vector development group to improve the existing retroviral vectors. We require a Ph.D. in Biochemistry and experience in cell biology, molecular biology and protein biochemistry. Box # 94-005

Postdoctoral Fellow
GVAX
You will collaborate with in-house tumor biologists and immunologists on the development of tumor model systems in mice. This will allow for further development of vaccination strategies with autologous cells genetically modified with genes encoding immunomodulators. We require a Ph.D. preferably in Immunology and expertise in tumor biology. Box# 94-004

Somatix offers a competitive salary and benefits package. To learn more, please send your resume indicating the appropriate Box # to:
Somatix Therapy Corporation, Human Resources Department, 850 Marina Village Parkway, Alameda, CA 94501. We are an equal opportunity employer.
knock, knock.

(That's opportunity knocking.)

Open the door to your new career possibilities by reviewing the special section in the 11 March Women in Science issue. Inside, you'll find information about exciting open positions from pharmaceutical and biotechnology companies as well as leading scientific and medical institutions. The key to a rewarding future is knowing when opportunity knocks. Every week SCIENCE gives you the chance to review intriguing open positions from all around the world in our weekly recruitment advertising section and in our special sections, such as Women in Science and Biotechnology/Pharmaceutical Careers. Unlock your career potential by reading SCIENCE. Sometimes opportunity knocks just once.
A mylin Pharmaceuticals, Inc. is a growing pharmaceutical company working on new medicines for diabetes and related metabolic disorders. We are currently seeking a key Ph.D. scientist for our Physiology Department. The ideal candidate will have a Ph.D., 2-4 years’ experience in the mathematical modeling of biological systems, and a general interest in biology and biological control systems. Programming experience in a number of analog simulation packages and the ability to search the literature and to incorporate both published data and new data into an integrative model of fuel homeostasis are also required. An experimental background, the ability to reduce biological complexities to quantitative relationships are important. Industrial experience or experience within a project-based environment is desirable.

Amylin has brought together an impressive team of people to make new medicines based on a major scientific breakthrough. In addition, we offer an excellent salary and benefits package, including stock option participation. If you would like to be a part of this growing team, please send your resume and salary history to: A. McGovern, Amylin Pharmaceuticals, Inc., 9373 Towne Centre Drive, San Diego, CA 92121.

Amylin is proud to offer equal opportunity employment and a culturally diverse workplace to everyone.

**Agracetus, Inc.**

Agracetus is a recognized leader in plant genetic engineering. We have established a multidisciplinary group to develop transgenic plants as a production system for industrial enzymes and therapeutic proteins.

**Postdoctoral/Senior Research Assistant**

A Postdoctoral or Senior Research Assistant (BS/MS) position is available immediately in our Plant Bioreactor Program to develop novel purification methods to isolate valuable heterologous proteins from transgenic plants. Candidates should have extensive experience in protein purification at both the bench and pilot scale. Knowledge of protein biochemistry and engineering practices is required.

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Dr. Andrew Ball or Dr. Eric Hunter
Department of Microbiology
University of Alabama at Birmingham
UAB Station
Birmingham, AL 35294
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