POSITIONS OPEN

ASSISTANT PROFESSOR HUMAN NUTRITIONAL SCIENCES

The School of Dietetics and Human Nutrition, McGill University, is offering a tenure-track position in Human Nutritional Sciences, available September 1, 1994. The School offers undergraduate training in both Dietetics and Human Nutrition, as well as graduate training in Nutrition, and postgraduate research strengths in international, basic and applied nutrition areas. The position involves research, teaching fundamental nutrition at both undergraduate and graduate level and some other general faculty duties. Applicants must hold a Ph.D. or equivalent degree in nutritional sciences and have post-doctoral experience or willingness to apply to applicants with a strong background in areas of international, clinical or metabolic nutrition.

Interested applicants should send curriculum vitae, a statement of research direction and copies of relevant publications, and arrange for at least three letters of reference from individuals qualified to judge research, teaching and professional abilities to be sent to: Dr. Peter J. H. Jones, Associate Professor and Director, School of Dietetics and Human Nutrition, Macdonald Campus of McGill University, 21,111 Lakeshore Road, Ste-Anne-de-Bellevue, Quebec H9X 3V9. Closing date for receipt of applications is July 15, 1994, or until a suitable candidate is located. Macdonald Campus is situated in a scenic and pleasant setting on the outskirts of the Canadian metropolis.

The University of McGill is committed to Equity Employment.

ASSISTANT/ASSOCIATE PROFESSOR TENURE-TRACK MOLECULAR AND CELLULAR BIOLOGY- PROSTATIC CANCER

The Indiana University Cancer Center is searching for a Ph.D. or M.D./Ph.D. investigator with an interest in the cellular and molecular biology of breast cancer. This position will afford the opportunity to coordinate basic laboratory investigators on breast cancer within the context of the growing multidisciplinary Indiana University Cancer Center. Collaborative interactions with clinical investigators in the Departments of Surgery and Medicine as well as basic research investigators in the Department of Biochemistry and Molecular Biology provide a solid basis for investigator-initiated research. Tenure-track academic appointment and competitive salary in the Departments of Surgery, Biochemistry and Molecular Biology, or Medicine, as appropriate. Attractive laboratory space and start-up package jointly sponsored by the Cancer Center. Send curriculum vitae and description of current research program and interests to: Dr. L. T. Rees, Institute of Molecular Medicine, University Medical Center, 975 West Walnut Street, Bloomington, IN 47404-5121.

ASSISTANT/ASSOCIATE PROFESSOR OF MOLECULAR BIOSCIENCES.

The Department of Molecular Biosciences, School of Veterinary Medicine, University of California–Davis, is seeking a physiological chemist with advanced training in molecular biology. Ph.D. is required and D.V.M. or equivalent is desirable. This tenure-track position is available after July 1, 1994. Candidates must provide evidence of interest and aptitude in molecular biology and demonstrated potential as a creative research scientist in some area of enzymatic biological regulatory process, related to animal systems at the molecular and cellular level. It is desirable that the research program would further basic knowledge in biochemistry, cellular physiology and/or nutrition, as applied to small mammals. Candidates should also provide evidence of interest and demonstrated aptitude in teaching basic physiological chemistry and molecular biology. Qualified applicants will be expected to demonstrate capability, by letter of intent, detailing special interest in the position, qualifications/experience and research goals as related to the position description. Salary is commensurate with experience. Funded extramural research funding, reprints of three most significant publications and names, addresses and telephone numbers of three (3) references. Applications will be accepted through June 30, 1994, or until a suitable candidate is identified. Mail applications to: Ms. Erin Lindley, Management Services Officer, Department of Molecular Biosciences, School of Veterinary Medicine, University of California, Davis, CA 95616-8741; Telephone: (916) 752-1059, FAX: 916-752-4098. The University of California is an Affirmative Action/Equal Employment Opportunity Employer.

RESEARCH SCIENTIST M.D. OR PH.D.

Washington University School of Medicine, Renal Division.

Washington University seeks a Research Scientist with a background in cellular/molecular biology and a broad interest in polypeptide growth factors and/or developmental biology to join the full-time faculty. Candidates must qualify for appointment as INSTRUCTOR/ASSISTANT PROFESSOR of Medicine (Research) at Washington University School of Medicine. The candidate will participate in Renal Developmental Center and will pursue research and studies in one of the multiple research areas. The successful candidate will be expected to pursue an independent research program that could be supported by grants and contracts, and will participate in teaching, clinical care, and research. Applications are encouraged from individuals who are interested in one or more of the following areas: (1) nephron segment development and/or differentiation; (2) renal cell biology and/or cell differentiation; (3) epigenetic regulation of renal cell growth and differentiation; and (4) mechanisms that regulate renal cell development or function in vivo. Interested individuals should contact Dr. W. T. Nichols, Director, Renal Developmental Center, 3206 Warneke Avenue, St. Louis, MO 63110, telephone (314) 362-6606. Washington University is an Equal Opportunity Employer/Affirmative Action Employer, M/F/D/V.

The UAB Epilepsy Center Department of Neurology invites applications for a faculty position at the ASSISTANT or ASSOCIATE PROFESSOR level. The individual will have an appointment in the Department of Neurology, with an active research program in one of the following areas: Functional Magnetic Resonance Imaging. The National Magnetic Resonance Center includes a 4.1 tesla instrument, several 1.5 tesla and a 40 cm 7 tesla for functional experiments. The individual will have the opportunity to develop a research program, provide care to patients, be involved in the education of residents and fellows, and participate in the research activities of the Center. The UAB Epilepsy Center is an Equal Opportunity Employer/Affirmative Action Employer.
"Simply Better."

DIRECTOR of BACTERIOLOGY R&D

You will direct the R&D activities of the Bacteriology Department to achieve global licensing of animal vaccines for livestock and companion animals under GLP conditions. Your responsibilities will include guiding the preparation of license applications, production outlines, SOPs and research reports as well as the professional development of personnel within your department. A PhD in Microbiology or a related field and 10 years of post-doctoral experience in Bacteriology R&D are required. You must have proven your leadership & motivation skills as well as your ability to develop effective project teams. A consistent, successful record of licensing veterinary biological vaccines is preferred.

SmithKline Beecham Animal Health provides an excellent compensation and benefits package—including generous relocation assistance—and a flexible, open environment conducive to your personal and professional success. Discover what makes us better...send your confidential C.V., postmarked by June 27, 1994, to: Human Resources, Attn.: 94-52, SmithKline Beecham Animal Health, 601 W. Cornhusker Hwy., Lincoln, NE 68521. Dedicated to Workforce Diversity, we are an Affirmative Action/Equal Opportunity Employer.

SmithKline Beecham Animal Health

Developmental Neurobiologist

Developmental Neurobiologist with five or more years post-doctoral experience to conduct an independent research program focusing on the molecular mechanisms responsible for regulating the development of the central nervous system using transgenic animals to study the relationship between epigenetic signals and the neurogenic program. Bibliography must reflect expertise in molecular biology, developmental neurobiology, neuroanatomy and all aspects of mouse transgenic technology.

Salary range $35,000 - $70,000.

Send CV and names of 3 references to:

Michael J. Brownstein, M.D., Ph.D., Chief, Laboratory of Cell Biology, 9000 Rockville Pike, Bldg. 36, Room 3A31, Bethesda, Maryland 20892.

The NIMH is an Equal Opportunity Employer

TECHNICAL ENTREPRENEURS

Together, We Will Make It Happen

Michigan Biotechnology Institute (MBI) is a private, tax-exempt research and business development organization that specializes in industrial and environmental biotechnology. Grand River Technologies (GRT), our business development subsidiary, finds appropriate commercial outlets for viable technologies. MBI's incubator subsidiary, Bio-Business Incubator of Michigan, provides space and support services so entrepreneurial firms can get their footing and eventually exit to their own facilities. We are currently seeking innovative bio-based technologies and their champions in the following areas:

- Industrial and Chiral Chemicals
- Agricultural Biochemicals
- Food Ingredients
- Biomaterials
- Waste Treatment and Bioremediation

Our unique resources and commitment to the creation of new businesses will support you with:

- A state-of-the-art research and development facility
- Skilled business leadership
- Top-notch scientific and engineering staff
- Access to a 20,000 square-foot pilot plant

In return, you'll be expected to lead the effort in raising funds to fuel the program. You may join MBI as an employee, bring your existing business to our business "incubator" or find a new strategic alliance through GRT.

The next step: tell us why you're the right entrepreneur for us. Send a concise, non-confidential summary of your technology including ownership, your commercialization plan and your resume to:

Dr. J. Gregory Zeikus
President and CEO
Michigan Biotechnology Institute
P.O. Box 27609 • Lansing, MI 48909

MBI is an equal opportunity employer/institute.

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Tenure-Track And Postdoctoral Opportunities.

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

Tenure-Track Position
Assistant Professor Equivalent

Cell Biology
Edward D. Korn, PhD

Position available to develop an independent research program that will complement ongoing research on the cytoskeleton, endocytosis, membrane trafficking, and actomyosin-dependent cell motility. Candidates should have experience in biochemistry, cell biology, and microscopy (electron, light and fluorescence). Support by up to three postdoctoral fellows and technicians and a fully equipped light and electron microscope laboratory will be provided. Willingness to collaborate and/or share the microscopy facility is essential. The candidate will be evaluated for tenure within a period not to exceed six years. A two-page statement of research interests and goals should be submitted in addition to the three letters of recommendation. Laboratory of Cell Biology (OE-47), NHLBI, Building 3, Room B1-22.

Postdoctoral Positions

Biochemistry and Molecular Biology
Clifton E. Barry, III, PhD

The biosynthesis, structure, and function of virulence-associated lipids and glycolipids in the cell wall of Mycobacterium tuberculosis are currently under investigation. Particular emphasis is placed on defining, at both the genetic and enzymological level, the production of these components. In the future, specific roles for lipids unique to virulent strains will be sought using in vitro and in vivo models of tuberculosis. Applicants must have less than five years postdoctoral experience. Laboratory of Intracellular Parasites (OE-47), NIAID, Rocky Mountain Laboratories, 903 South Fourth Street, Hamilton, MT 59840.

DNA Repair
Kenneth H. Kraemer, MD

Molecular, cellular, and clinical studies of DNA repair in human cancer-prone genetic diseases are being performed. Shuttle vectors are utilized to examine the molecular basis of cellular hypermutability in xeroderma pigmentosum and familial melanoma. Applicants must be US citizens or permanent residents and have less than five years postdoctoral experience. Laboratory of Molecular Carcinogenesis (OE-47), NCI, Building 37, Room 3E24.

Molecular Biology and Genetics
Stephen J. Marx, MD

The genes regulating growth and secretion in endocrine-related tissues are being studied. Emphasis is upon processes whose disruption cause acquired or hereditary disease. Multiple endocrine neoplasia Type I is under study as a model for simultaneous dysfunction in several hormone-secreting tissues. The fibroblast growth factor gene family is also being analyzed. Applicants must have less than five years postdoctoral experience. Metabolic Disease Branch (OE-47), NIDDK, Building 10, Room 9C101.

Molecular Biology and Immunology
Michael A. Steller, MD

Transfections using anti-sense constructs are being used to target critical growth factor receptor genes in an attempt to develop novel treatments for patients with gynecologic malignancies. Future studies will utilize molecular biological and immunological techniques to develop an animal model to explore the in vivo use of transfected tumor cells in a vaccination protocol. Applicants must have less than five years postdoctoral experience. Surgery Branch (OE-47), NCI, Building 10, Room 2B42.

Molecular Endocrinology
Sheue-yann Cheng, PhD

The molecular mechanisms mediating thyroid hormone induced growth, development, and differentiation are being studied with particular emphasis on the regulation of the transcriptional activity of the receptors. The role of phosphorylation on the interaction of receptors with the tissue specific factors and basal transcription factors are being examined and the receptor kinases will be identified and characterized. A strong background in molecular biology and biochemistry is preferred. Applicants must have less than five years postdoctoral experience. Laboratory of Molecular Biology (OE-47), NCI, Building 37, Room 4B09.

Additional Postdoctoral Fellowship Opportunities

For an on-line listing of additional postdoctoral openings you may access the NIH EDNET Bulletin Board's POSTDOC conference by Internet (wylbur.nih.gov) or via modem (1,301 402 2221 or 1,800 358 2221) with modem parameters set at "7,Even,1". When connected to NIH, type in "vt100" for terminal emulation, "F5E" for initial, and "AJL" for account number.

The Postdoctoral Research Fellowship Opportunities catalog, which describes additional opportunities at the NIH, may be requested from the address below. An electronic version of the catalog may be accessed via the network-based (Internet) Gopher Information System. To access the NIH Gopher server, Gopher client software (available via anonymous ftp "boombox.micro.umn.edu") must be running on your computer and configured to point to "gopher.nih.gov" and port "70". Select Grants and Research Information to reveal the NIH Office of Education directory. Those interested in receiving information on other postdoctoral opportunities, clinical training opportunities, or accessing Gopher may contact the Office of Education, Building 10, Room 1C129. Phone: 301-496-2427.

To Apply

If you hold a graduate doctoral degree (e.g., PhD, MD/PhD) or a professional degree (e.g., MD, DO, DDS, or DVM) accompanied by previous laboratory research experience, and would like to be considered for one of these positions, please send a cover letter, curriculum vita, 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.
RESEARCH TOXICOLOGIST POSITION

The Maine Toxicology Institute, a joint program between Eastern Maine Medical Center and University of Maine, seeks a Research position at the ASSISTANT/ASSOCIATE PROFESSOR level at the University of Maine. We are seeking an established individual with a record of productivity and support in an area of research. The successful individual will be expected to generate partial salary support from outside sources. The position will initially be housed within the academic unit most appropriate to the individual’s research interests. Salary is commensurate with experience and the individual will be offered a full-time position. The successful candidate is expected to have a Ph.D. in toxicology or a related discipline and a record of productivity in research. Applications should include curriculum vitae, research plans, and names and addresses of at least three references to: Dr. John T. Singer, Toxicology Search Committee, Department of Biochemistry, Microbiology and Molecular Biology, 5735 Hitchcock Hall, University of Maine, Orono, ME 04469–8735; Telephone: (207) 581-2088. Review of applications will begin July 1, 1994, and continue until a suitable candidate is located. Minority candidates are encouraged to apply. The University of Maine and Eastern Maine Medical Center are Affirmative Action/Equal Employment Opportunity Employers.

ASSISTANT PROFESSOR CARDIOVASCULAR BIOLOGY LABORATORY

The Cardiovascular Biology Laboratory of the Harvard School of Public Health, directed by Dr. Edgar Haber, is searching for an Assistant Professor with expertise in a research area in molecular biology and immunology. The successful individual will be expected to generate partial salary support from outside sources. The position will initially be housed within the academic unit most appropriate to the individual’s research interests. Salary is commensurate with experience and the individual will be offered a full-time position. The successful candidate is expected to have a Ph.D. in molecular biology and immunology. Applications should include curriculum vitae, research plans, and names and addresses of at least three references to: Dr. Tun-Hou Lee, Department of Cancer Biology, Harvard School of Public Health, 665 Huntington Avenue, Boston, MA 02115.

Harvard University is committed to increasing the representation of women and minority members among its faculty and particularly encourages applications from such candidates.

ASSISTANT PROFESSOR AND POSTDOC - To record positions available to study dopamine and SHT receptor. Techniques include microdialysis, autoradiography, and molecular biology. Send curriculum vitae and names of at least three references to: Daniel Truong, M.D., Neurology, 154 Med Surg I, UCI, Irvine, CA 92717. Refer to Position #94-4. UCI, rooted in education, enriched by diversity.

FACULTY POSITION IN EPIDEMIOLOGY

School of Public Health
University of California, Berkeley

The School of Public Health invites applications for a tenured-track position in epidemiology at the ASSISTANT PROFESSOR level, beginning January 1, 1995, or sooner thereafter. The successful candidate is expected to develop and maintain an independent research program in social epidemiology, preferably in the area of violence and/or injuries, and to participate in the teaching program, including the supervision of doctoral thesis research. The candidate should have a doctoral, medical, or equivalent degree and evidence of research experience in epidemiology. Applicants should send a letter with a statement of interest, and qualifications, as well as detailed curriculum vitae and the names of at least three references to: Chair, Search Committee for Assistant Professor of Epidemiology, School of Public Health, 19 Earl Warren Hall, University of California at Berkeley, CA 94720. Deadline for applications is August 1, 1994. The University of California is an Equal Opportunity/Affirmative Action Employer.

UCLA ASSISTANT PROFESSOR TENURE-TRACK FACULTY POSITION

The Department of Physiology at the UCLA School of Medicine invites applications and nominations to apply for a tenured-track Assistant Professor position aimed towards the development of a Cell Physiology Imaging Center. Candidates are expected to bring a strong background in areas of cell biology such as secretory physiology, neurobiology and signal transduction. Qualifications include a Ph.D. in a biomedical discipline and proficiency in confocal fluorescence detection techniques, pulsed-laser imaging, computational image processing, and electrophysiological methodology. Please respond by sending your curriculum vitae, and names of three references, by July 15, 1994, to: Chair, Imaging Search Committee, Department of Physiology, UCLA School of Medicine, Los Angeles, CA 90024. The University of California is an Affirmative Action/Equal Opportunity Employer.

BASIC SCIENCE GERIATRICIAN - Full-time, full-faculty position available at the Cleveland VA Medical Center, University Hospitals of Cleveland, and Case Western Reserve University for a physician-scientist at the ASSISTANT PROFESSOR level in aging research. Laboratory space and a minimum of 20 hours per week will be at the VA. Candidate will be eligible for VA grant support. The successful candidate will join existing faculty with interests in aging vascular and arterial physiology, which is complemented by a large number of NIA-funded investigators on campus, and lead the full-faculty aging research group. Additional recruitment opportunities will be available to the appropriate candidate. Geriatric Division is supported by an NIA Research Training Fellowship program, a Claude Pepper Center, and Hartford Center of Excellence. Send curriculum vitae and letter of inquiry to: Scott Mader, M.D., ACOS for Geriatrics and Extended Care (18W), VA Medical Center, 10701 East Boulevard, Cleveland, OH 44106. Department of Veterans Affairs is an Equal Opportunity Employer. Applicant subject to random drug testing prior to employment.

DIRECTOR, UCR/UCLA PROGRAM IN BIOMEDICAL SCIENCES

DIRECTOR, UCLA SCHOOL OF MEDICINE

DIRECTOR, UNIVERSITY OF CALIFORNIA, RIVERSIDE (UCR)

University of California, Riverside

Responsible for leadership of the research and educational activities of the Division of Biomedical Sciences at UCR. Duties include leadership and active participation in the research activities of the Divisional faculty at UCR and the Ph.D. program in Biomedical Sciences; supervision of an accelerated 7-year educational program leading to the B.S. degree from UCR and the M.D. degree from the UCLA School of Medicine; serving as Chairperson of the Division of Biomedical Sciences; direct the identification and recruitment of faculty in basic Medical Sciences disciplines at UCR and seven adjacent positions at the associated Harbor/UCLA Medical Center teaching facility; and maintaining regular liaison with the Harbor/UCLA Medical Center, the UC Office of the President, and other applicable state and national agencies. Responsibilities include: (a) identifying, recruiting, and selecting a strong and active research program in biomedical sciences; (b) familiarity with medical school basic sciences instruction; (c) evidence of success in managing and controlling academic programs; (d) qualification for appointment as a Full Professor in the University of California system. Starting date: July 1, 1995.

Please send nominations or letter of application, resume and names of at least three references to: Dr. J.T. Roda, UCR, c/o Department of Pharmacology, University of California, Riverside, CA 92521-0121.

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

CHAIR, DEPARTMENT OF BIOCHEMISTRY, BIOPHYSICS AND GENETICS

The University of Colorado Health Sciences Center invites applications and nominations for the Chair in the Department of Biochemistry, Biophysics and Genetics. Departmental members include Interdisciplinary Programs in Molecular Biology and Neurosciences. The University seeks an outstanding scientist who has an internationally recognized research program, an excellent record of scientific contributions and a commitment to excellence in teaching of medical and graduate students.

Letters of application or nomination should be sent to: Dr. Boris Tabakoff, Chairman, Biochemistry, Biophysics and Genetics Chair Search Committee, Department of Pharmacology, Box C-236, University of Colorado Health Sciences Center, 4200 East Ninth Avenue, Denver, CO 80262. Applications should include curriculum vitae, list of publications, a summary of academic, administrative and teaching experience, and a list of references. Deadline for application is July 22, 1994.

Applications from women and minority groups are encouraged. The University of Colorado Health Sciences Center is committed to Equal Opportunity and Affirmative Action.

APPOINTMENT OF DIRECTOR

NATIONAL INSTITUTE ON ANIMAL TISSUE AND GENETICS (NIFATCC), PUNE, INDIA

NIFATCC is devoted to research and development in animal/human cell/tissue culture and related technologies. The National Center is responsible for providing high-quality human/animal cells and cell products required by medical and veterinary institutions, public health services and industry.

Nominations/applications are invited from Indian citizens, preferably below 35 years. The Committee is looking for an outstanding scientist in modern cell biology with proven leadership and management experience.

Nominations/applications with complete curriculum vitae may be sent before June 30, 1994, to: Chairman Search-cum-Selection Committee for NIFATCC Director, c/o Department of Biotechnology, Block Number II, 7th floor, CGO Complex, Lodi Road, New Delhi—110 003, India.

POSTDOCTORAL POSITION

NONLINEAR ANALYSIS OF SINGLE CHANNEL RECORDINGS

Positions available from single ion channels and to analyze that data using fractals, chaos (nonlinear dynamics), neural networks, and random walks to determine the energy structure and motion within ion channel proteins. Requires experience in patch clamp electrophysiology experiments as well as knowledge of mathematics or physics. Interdisciplinary environment of neuroscientists, physicists, mathematicians, and medical physicists using nonlinear methods to study the brain and other biological systems. Dr. Larry S. Liebovitch, Center for Complex Systems, Florida Atlantic University, 777 Glades Road, Boca Raton, FL 33431. Internet: LIEBOVITCH@WALT.CCS.FAU.EDU. FAU is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

available September 1, 1994, to investigate DNA adducts as molecular dosimeters in occupational and chemotherapeutic agents. Studies will employ the use of 32P-postlabeling and electrochemical detection for adduct measurements. Experience in molecular biology and cell culture is desirable. Applicants should send curriculum vitae and description of research experience to: Dr. W.J. Bodell, University of California, Medical Sciences, St. Mary's Hospital, San Francisco, CA 94143-0806. UCSF is an Equal Opportunity Employer.

POSTDOCTORAL POSITION

available to study both Ca channel modulation, and the regulation of Ca homeostasis in heart muscle, smooth muscle, and cul- ture. Experience in mouse genetics and mouse models of disease is desirable. The position includes work with patch clamp, measurement of intracellular Ca with fluorescent indicators, and confocal microscopy. Send curriculum vitae, names of three references and date of availability to: Dr. Robert Hadley, Department of Pharmacology, University of Kentucky, MS-372 UKMC, Lexington, KY 40536. The University of Ken- tucky is an Equal Opportunity/Affirmative Action Employer.
MEMORIAL SLOAN KETTERING CANCER CENTER
Department of Human Genetics

This newly created Department will start its activity on 1st October 1994; it will focus research on the genetic basis of malignancy, the identification of cancer susceptibility genes and gene therapy. Postdoctoral positions will be available in several laboratories, as follows:

R. CHAGANTI—Genetic mechanisms of transformation and differentiation in human tumors
S. JHANWAR—Genetic alterations associated with multi-step carcinogenesis in epithelial tumors
M. LADANYI (Department of Pathology)—Genetic alterations in sarcomas and Ki-1 lymphoma; molecular diagnosis
L. LUZZATTO—Pathogenesis of PNH and gene therapy of inherited diseases
K. OFFIT—Mapping of genetic changes in non-Hodgkin’s lymphoma and clinical correlations
P. P. PANDOLFI—Molecular basis of APL and mouse models of human diseases by homologous recombination

Appropriately qualified young investigators (Ph.D., MD, or MD/Ph.D.) interested in research in the above areas of Human Genetics are encouraged to contact any of these Faculty Members or the chairman of the department of Human Genetics, MSKCC, 1275 York Avenue, New York, NY 10021, USA. Please supply full curriculum vitae, bibliography and names of three academic references.

MSKCC is an Equal Opportunity/Affirmative Action Employer

ASSISTANT DIRECTOR
Bone Biologist

SmithKline Beecham, a worldwide leader in pharmaceutical research, is seeking an Assistant Director for the Bone Biology Unit within the Department of Cellular Biochemistry. This Unit’s 20 members carry out basic and applied research on many aspects of the cellular mechanisms involved in bone resorption and formation.

The selected individual will plan, implement and supervise research aimed at the discovery, evaluation and development of novel therapeutic agents for osteoporosis. In particular, using expertise in the use of appropriate animal models, the individual will be involved in hypothesis testing in vivo, and the final selection of development candidate molecules. In addition, the role includes leadership in new directions for multidisciplinary osteoporosis research programs.

The successful candidate will have a Ph.D. in Bone Biology, or related relevant area and a minimum of 4 years postdoctoral experience including expertise in both small and large animal models of bone turnover. The successful candidate will have an excellent record of scientific achievement as evidenced by publications, patents, symposia and presentations. Supervisory experience, excellent communications skills, and the ability to work effectively with individuals of varied backgrounds and disciplines are required.

SmithKline Beecham Pharmaceuticals, Dept. H0105, P.O. Box 401, Conshohocken, PA 19428. We are an Equal Opportunity Employer, M/F/D/V.

NIDA is an Equal Opportunity Employer
IMMUNOLOGIST/VIROLOGIST

PA No. 5

Ph.D. or M.D. needed with experience in murine retrovirology, immunology, lymphomagenesis and genetics and with knowledge of T and B cell development and effector cell function. Experience in preparation and quantitation of MuLV stocks, infectious center tests, Fv-1 typing, lymphoid cell separation, flow cytometry and transgenic mice required.

Salary range $28,000--$36,000 will be commensurate with experience.

Qualified and interested candidates should send curriculum vitae, bibliography and names and addresses of three references to:

Herbert C. Morse, III, M.D.
Chief, Laboratory of Immunopathology
NIAID, NIH
Building 7, Room 302
9000 Rockville Pike
Bethesda, MD 20892
301-496-6379
301-402-0077 fax

Applications must be received by June 30, 1994

United States citizenship required

NIH is an Equal Opportunity Employer

Position targeted for EEO recruitment efforts.

Postdoctoral Fellowships

The UNC Lineberger Comprehensive Cancer Center of the University of North Carolina at Chapel Hill will have openings in 1994-95 for persons completing graduate studies to train with excellent investigators in basic research in tumor virology, molecular carcinogenesis, molecular therapeutics, cancer cell biology, genetics, and tumor immunology. Training is available in recombinant DNA technology, gene expression, DNA replication, mutagenesis, regulation of cellular proliferation, growth factors, molecular immunology, molecular genetics of cancer, and combined programs. Unique training resources and core facilities are supported by the NCI-designated UNC Lineberger Comprehensive Cancer Center.


Candidates must be U.S. citizens or permanent residents. Send for brochure listing faculty and apply with curriculum vitae, three letters of recommendation, a statement of research interests and graduate school records to: Joseph S. Pagano, M.D.

CS# 7235

UNC Lineberger Comprehensive Cancer Center
School of Medicine
University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-7235

UNC's Comprehensive Cancer Center is an Affirmative Action/Equal Opportunity Employer. Minority applicants are encouraged voluntarily to identify themselves.

Director

Genetic Toxicology Division
Health Effects Research Laboratory
Research Triangle Park, NC

The U.S. Environmental Protection Agency (EPA) is seeking candidates for the position of Director, Genetic Toxicology Division (GTD), Health Effects Research Laboratory (HERL). This position is located in the Research Triangle Park, NC. This is a permanent, full-time position with a salary range of $68,687 to $89,265 per annum commensurate with qualifications. Additional salary incentives may be available.

HERL has a staff of approximately 230 people and about half hold doctoral-level degrees. The laboratory has a diverse program which includes in vitro, animal, and human research designed to address issues related to the health effects of chemical and biological pollutants in air and water.

Presently, the Genetic Toxicology Division is a multidisciplinary carcinogenesis program with an EPA staff of 35 and 32 on-site contractor personnel. The Division recently redirected its research program to fully focus on issues, assumptions, and uncertainties in cancer risk assessment. The reorienting has created a Division that is a focal point for planning, conducting, coordinating, supporting and evaluating research to improve cancer risk assessments. GTD has established a strong research program in environmental carcinogenesis as reflected by its influence in professional organizations, contributions to the regulatory offices of the Agency, impact on Agency guidelines and policy, involvement in international programs, and by the many publications and presentations of its staff.

The incumbent directs and manages the carcinogenesis research program. This program includes both intramural investigations and extramural arrangements with other governmental and nongovernmental organizations. The incumbent provides scientific and managerial leadership of the program, develops the program to meet the evolving needs of EPA, presents the program to both EPA and non-EPA audiences, develops and manages budgets, supervises the staff, directs the progress of the program, and ensures the highest possible scientific quality and productivity.

The preferred candidate for this position would possess the following qualifications:

1. Advanced degree in a biological, biochemical, toxicological, or medical discipline. Within any of these areas he/she must have at least six years of professional research experience. Applicable graduate course work may be substituted for a portion of the preferred experience.
2. Experience as a supervisor of a scientific/professional staff.
3. Recognized scientific expertise as evidenced by multiple peer-reviewed publications, presentations at national and international meetings/panels, and involvement in international organizations.
4. Proven ability to provide leadership in directing the development and growth of a creative and effective multidisciplinary carcinogenesis research program.
5. U.S. citizenship is required.

Forward curriculum vitae and names of three references prior to August 1, 1994 to: Dr. Harold Zwill, c/o Dorothy Carr, HRMD-BM-98, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711.

MEMORIAL SLOAN KETTERING CANCER CENTER

Department of Human Genetics

Assistant Member/Associate Member

This newly created Department will start its activity on 1st October 1994, and will focus on the genetic basis of malignancy, the identification of cancer susceptibility genes, genetic epidemiology and genetic counselling for familial cancer, animal models of human diseases and gene therapy.

Two tenure-track Faculty positions are available and will be well supported.

Young investigators (PhD, MD, or MD/PhD) who have a record of productive research experience and who are interested in any aspect of Human Genetics are encouraged to contact Dr L Luzzatto, chairman of the Department of Human Genetics, MSKCC, 1275 York Avenue, New York, NY 10021, USA [until 1st September also Department of Haematology, RPMS, Ducane Road, London W12 ONN, UK (phone +44 81 740 3234; fax +44 81 742 9335)]. Please supply full curriculum vitae, bibliography, a statement of research intent, and the names of three academic references.

MSKCC is an Equal Opportunity/ Affirmative Action Employer.
The U.S. EPA Office of Health and Environmental Assessment (OHEA) is seeking preproposals for financial assistance by cooperative agreements with non-profit or not-for-profit research organizations for research on the estimation of volatilization rates of chemicals from water. Such agreement require a minimum of 5% cost sharing by the recipient organization. A high degree of collaboration with the EPA researchers involved in these activities is required (e.g., joint planning and conduct of most tasks and co-authored publications). The proposed work will support the research and development of methodologies to estimate exposure to chemicals that volatilize during household use of contaminated water.

Proposals should follow a two-phase approach: (1) conduct validation of existing models that relate the volatilization rate and/or fraction with diffusion coefficients; (2) if validation is not feasible, conduct volatilization experiments to determine volatilization rates for various chemicals to cover a wide range of values for Henry's Law constant using systems that simulate household water uses. Proposed requirements should include approaches to determine an empirical relationship expressing volatilization rate and/or fraction as a function of Henry's Law constant and possibly other parameters (e.g., temperature).

Proposals will be evaluated by expert review panels. The review will be based on the proposers experience with similar research activities, qualifications of the proposed staff and their understanding of appropriate research approaches and technologies, the relevancy to the mission of OHEA, and the feasibility of the proposed working arrangement with EPA staff. The applicant's proposed budget will also be considered in the selection process. A quality assurance narrative (QAN) will be required as part of the proposal. EPA's share of the resources for the research area is expected to be no more than $75,000 for each of the two years.


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**Tumor Biology**

At Amgen, you'll discover a research environment that emphasizes collaboration, intellectual honesty, scientific integrity, and a supportive culture. This unique approach has helped us grow into a global biotechnology leader in just thirteen years.

**RESEARCH SCIENTIST**

The Tumor Biology Department seeks a PhD level Research Scientist with 4-5 years' postdoctoral in vivo research experience on immunological and non-immunological mechanisms of tumor growth control. Must be capable of conducting independent research using rodent models of tumor growth and metastasis, including the use of human xenografts. Candidates with experience in the use of either direct-acting cytotoxic chemicals or immune modulation to control tumor growth and metastasis will be considered.

At Amgen, you'll find our approach to scientific research as rewarding as it is effective. We offer a highly competitive compensation and benefits package that includes a retirement and savings plan, an on-site fitness center, and three weeks' vacation. Please FAX/mail your resume/c.v. to: FAX: (805) 447-1985, Amgen inc., Staffing, Job Code OA-5C-AC-002, Amgen Center, Thousand Oaks, CA 91320-1789. For additional information regarding Amgen's recruitment process, please call (805) 447-4150. Principals only, please. EEO-Affirmative Action Employer M/F/D/V. We recognize that diverse perspectives are a key factor in the process of discovery.

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**Molecular Biologist**

**National Institutes of Health.**

Molecular biologist needed with experience in cloning, sequencing, and expression of rotavirus genes. Knowledge required of relevance of gene product(s) associated with induction of protective antibodies for rotavirus vaccine development for humans. Experience in determining interrelationships of various rotaviruses by study of antibodies to expressed proteins by various immunologic assays. This is a tenured position. NIH is an Equal Opportunity Employer. Position targeted for EEO recruitment efforts. U.S. citizenship required.

**Salary range:** $56,627 to $73,619

Qualified and interested candidates should send curriculum vitae and names and addresses of three (3) references to:

NIAID Personnel
Bldg. 31/Room 7A-20
9000 Rockville Pike
Bethesda, MD 20892
ATTN: Kristi Daniel
POSTDOCTORAL POSITION available to study the cellular and biochemical function of ion transporters, which play a key role in the pathogenesis of several neurodegenerative diseases in humans and animals, including Creutzfeldt-Jakob disease, kuru, and scrapie. Please send curriculum vitae and three letters of recommendation to: Dr. Anne DeClerck, Department of Biology and Biochemical and Biophysical Sciences, 772024–5513. The University of Houston is an Equal Opportunity/Affirmative Action Employer. Minorities, women, veterans and persons with disabilities are encouraged to apply.

POSTDOCTORAL POSITION available immediately to study the functional properties of bacterial ion channels with electrophysiological techniques. Projects include cloning and heterologous expression of cation channels, using the field clamp. Send curriculum vitae and three letters of recommendation to V. Chandler, C. Kimmel, R. Lunde, M. Lynch, R. Meeks-Wagner, and F. Stahl, but applications are encouraged to consult with UO faculty sponsors prior to submitting an application. Funding is for one year, with a second year at the discretion of the sponsor. Applications are due by May 30. The University of Oregon complies with the guidelines of the Americans with Disabilities Act.

POSTDOCTORAL POSITION available to study regulation of signal transduction by cell surface proteins. Candidates should have a Ph.D. with a strong background in molecular biology. Send curriculum vitae and names of three references to Dr. Robert E. Wicke, Depart- ment of Biological Sciences, 1216 South Preston Street, University of Louisville, Louisville, KY 40292. (Fax 201-852-7645). Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available to study molecular biology of cellular oncogenes and anti- oncogenes and their interaction with anti- oncogenes. Position available immediately to study transcriptional roles of cellular oncogenes and to decipher the molecular mechanism of their interaction with anti- oncogenes. Applicants are invited from persons with keen interest in this area of research. Current focus in our laboratory includes studies on the involvement of oncogene and anti- oncogene in cellular transcription, and how they influence cell growth and tumorigenesis (see Molec. Cell. Biol. 13:6849–6857, 1993). This challenging opportunity exists in a highly stimulating environment. Persons with expertise in recombinant DNA technology and protein purification are especially encouraged to apply. Send curriculum vitae and a statement of interest to: Drs. Swati Palit Deb, Ph.D., Department of Microbiology, The University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78284-7100. The University of Texas Health Science Center at San Antonio is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available for research on mapping the antigenic and functional domains of human cytoplasmic tyrosine kinases. Work includes gene cloning, protein expression in eukaryotic cells, construction of mutant viruses and transformed cell lines. Preference will be given to applicants with a strong background in molecular biology or virology. Interested candidates should submit curriculum vitae and names of three references to: Dr. Liliana Fernandez, Department of Molecular Genetics, University of Miami, HSW-604, South Florida, Miami, FL 33143–0512. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION available to study biophysical and structural properties of lens proteins and the mechanism of cataract formation. Background in protein chemistry, protein-protein and protein-lipid interactions, and biophysical/spectroscopic methods (e.g., CD, fluorescence, FTIR, scanning calorimetry, circular dichroism, and titration calorimetry) are required. Send curriculum vitae and names of three references to Drs. W. K. Delcour, Department of Ophthalmology, University of Miami, 1110 NW 14th Street, Miami, FL 33136. The University complies with the guidelines of the Americans with Disabilities Act of 1990.
SmithKline Beecham Biologicals

SmithKline Beecham Biologicals, Belgium, is a subsidiary of the SmithKline Beecham Group, worldwide leader in the pharmaceuticals industry. Over the last years, SmithKline Beecham Biologicals has become the world largest vaccine producer both in terms of sales and volume, bringing to the market the first recombinant vaccine for human use (Engerix B) and more recently the world first vaccine against Hepatitis A.

The roots of our success lie in an integrated approach to research, development and manufacturing which, we believe, is unique in the industry. Building on our current momentum, we are expanding our Research and Development organisation and have immediate opening for the following positions (m/f):

Preclinical Vaccine Development Director Ref RD1

His/her role will be to bring new vaccine molecules and concepts emerging from our discovery efforts to fruition.

Leading a team of experienced scientists, engineers and technicians (in cell biology, fermentation, purification, formulation, immunology), he/she will be responsible for production of clinical materials under GMP, developing reliable processes and assays and ensuring their transfer.

He/she will be a Ph. D. or Engineer in Biological Sciences/Biotechnology with considerable knowledge of Biotechnological processes, regulatory requirements and GLPs/GMPs. As a team player, he/she will work closely with Clinical, Regulatory, Q.C. and Manufacturing departments and play a pivotal role in ensuring an optimal product development scenario.

Outside R&D Manager Ref RD2

Our Research and Development efforts are sustained by a deliberate and aggressive policy of collaborative research agreements and out contracting to third parties. This individual will support R&D Senior Management in defining our long term research strategy. He/she will identify potential collaborators, implement and manage collaborative programs in close collaboration with in house scientists. Ph.D., he/she will have a broad scientific base in biological sciences and an understanding of scientific and technical issues related to vaccine discovery and development. He/she is also willing to travel extensively.

Head of Cellular Immunology R&D Ref RD3

Inducing strong effector cell mediated immune responses is a key aspect of modern vaccine design. In order to build on our expertise and face with an increasing number of candidate vaccines entering clinical testing, we are expanding our cellular immunology expertise.

The candidate will lead the work of the CMI team towards the development and use of appropriate read-outs both in preclinical (rodents and primates) and clinical settings.

The candidate should have a Ph.D. in Biological Sciences with several years post doctoral experience and an established track in the field of immunology. He/she should be experienced in designing and conducting cell mediated immunity (CTL and cytokine production) read-outs in animals and preferably in man. In depth knowledge of immunology and particularly of the effector responses involved in host defence mechanisms is a prerequisite.

The candidate should have experience in managing a research group and in successfully writing/testing independent research grants. He/she should have leadership capacities so as to actively participate and impact ongoing research programs.

Scientist Immunology/Virology R&D Ref RD4

The candidate will lead the work of a research unit within the Immunology/Virology department, aimed at the research and development of a novel vaccine.

He/she will have a Ph.D. in Biological Sciences/Virology, and a post doctoral experience in Immunology/Virology. Practical experience with classical virology techniques is a prerequisite. Previous experience in immunity to viruses is a plus.

Scientist Immunology/Bacteriology R&D Ref RD5

The candidate will set up and lead the work of a research unit within the Immunology/Biology department, aimed at setting up and using state of the art biological read-outs for antibacterial effector antibody responses (bacterial, opsonisation, ...).

The work will involve both preclinical and clinical sample testing.

He/she will have a Ph.D. in Biological Sciences/Bacteriology and a post doctoral experience in Immunology/Bacteriology. Previous experience in immunity to bacteria is a plus.

He/she will have an in depth knowledge in bacteriology and immunology so as to actively participate and impact on our ongoing research programs, aimed at the development of novel vaccines.

Our research and development projects are managed within multidisciplinary teams. SmithKline Beecham Biologicals facilities are located in pleasant surroundings, 20 km South of Brussels. A new state of the art expansion of our R&D facility is currently at the final planning stage. Located on the same site as our Manufacturing, Quality Control and other facilities, they allow day to day interaction with all partners. In this context the knowledge of French is an asset but not a prerequisite.

All positions carry a competitive salary and comprehensive benefits package, including incentive, with annual performance review, pension and medical plans.

If you are interested in joining our team in one of the positions above, please send your application and c.v. to SmithKline Beecham Biologicals, Human Resources Department, rue de l'Institut 89, B-1330 Rixensart, Belgium.

Fax number: 32.2.656 81 48. Please refer to the job code.
Stanford Biochemistry Department
Research Associate
The Department of Biochemistry is seeking a Research Associate to work in an exciting, interdisciplinary project at the Stanford Center for DNA Sequence and Technology. The position involves identifying and finding solutions to problems with current sequencing approaches and the development of new technologies and instrumentation for large scale automated DNA sequencing.

The Center consists of an interdisciplinary team of 25 scientists and engineers committed to improving efficiency of sequencing and analysis. The project involves focusing on finishing the sequence of yeast chromosome V and sequencing the sequence of chromosome IV.

Qualifications include: Ph.D. in molecular biology or equivalent laboratory experience. The candidate must have experience in molecular biology techniques, and computer skills associated with sequence analysis. Must possess a wide range of scientific and technical interests, and the ability to solve scientific and technical problems.

Postdoctoral Position
The Department of Biochemistry is seeking a Postdoctoral Fellow to investigate the use of oligonucleotide arrays and sequencing by hybridization to increase the accuracy of conventional linear sequencing. The position will be carried out in partnership with Affymetrix and the Stanford DNA Sequencing and Technology Center. The primary work environment will be at Stanford University with Dr. Ronald W. Davis, although the position will also involve close interaction with the scientists and engineers at Affymetrix.

The Center consists of an interdisciplinary team of 25 scientists and engineers committed to improving efficiency of sequencing and analysis. The project is focused on finishing the sequence of yeast chromosome V and sequencing the sequence of chromosome IV.

Qualifications include: The ideal candidate will have a wide range of interest in biochemistry and the development of technology, and experience in the biochemistry or physical chemistry of nucleic acids. Must work effectively as a team member and enjoy interaction with a diverse group of dedicated scientists and engineers.

Research and Development Engineer II
We are seeking an engineer to develop instrumentation for the Stanford Sequencing and Technology Center within the Department of Biochemistry. The position involves developing methods and instruments for the automation of large-scale sequencing of DNA. The engineer will be involved in the design specifications of both hardware and software of the instruments and will work closely with other members of an interdisciplinary group, including molecular biologists and other engineers. The candidate will be expected to take a lead and independent role in instrument specification, design, and implementation. The candidate will be expected to interact with outside members of the Human Genome Community by attending conference meetings.

Qualifications include: B.S./M.S. in Electrical Engineering, Mechanical Engineering, Chemical Engineering, Applied Physics or related field. We are seeking an engineer with a broad range of interests and areas of expertise. Knowledge in mechanical design, motion control and robotics, and an understanding of fluidic systems is highly desirable. Experience in C and familiarity with the UNIX and Macintosh computer environments is highly desirable. Demonstrated ability to work independently and take initiative is essential.

Must comply with government regulations and university policies and procedures regarding health and safety procedures. Send curriculum vitae and reference to: Ronald W. Davis, Ph.D., Stanford Center for DNA Sequence and Technology, Department of Biochemistry, 855 California Avenue, Room 173, Palo Alto, CA 94304.
National Center for Biotechnology Information  
National Library of Medicine  
National Institutes of Health  
Public Health Service

Senior Scientist

The successful applicant should have a strong background in Molecular Biology and Molecular Microbiology as well as extensive experience in computer-assisted sequence analysis and studies in molecular evolution and taxonomy, particularly of viruses and prokaryotes. Strong publication record is a requirement.

For more information contact Ms. Rita Sweeney at (301) 496-4943. Candidates should send a current curriculum vitae and bibliography to:

Ms. Rita Sweeney  
NLM/Office of Personnel Management  
Building 38, Room 2N05  
8600 Rockville Pike  
Bethesda, Maryland 20894

Applications must be postmarked no later than June 15, 1994.

Selection for this position will be based solely on merit, with no discrimination for non-merit reasons such as race, color, religion, sex, national origin, politics, marital status, physical or mental handicap, age, sexual orientation, or membership in an employee organization.

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DEPARTMENT OF THE ARMY  
SENIOR EXECUTIVE SERVICE VACANCY

DIRECTOR, CHEMICAL & BIOLOGICAL SCIENCES DIVISION

U.S. Army Research Office  
Research Triangle Park, North Carolina

Applications are being accepted for the Director, Chemical and Biological Sciences Division, a career Senior Executive Service (SES) position reporting to the Director, Army Research Office. The annual salary range is $96,771 - $119,275 depending upon individual qualifications and salary history. The individual selected will also be eligible to earn performance-related bonuses and awards.

The incumbent serves as the Army's key executive for the conduct of extramural research in the fields of chemical and biological sciences. Formulates, directs, administers, and has overall scientific responsibility for a research program of national and international significance which takes into account current Department of the Army technology deficiencies, Mission Area deficiencies and future requirements of the 21st Century Army. Has responsibility for the efficient management of an annual budget of approximately $20M derived from Army sources and other agencies and exercises technical direction over a subordinate staff of eight civilian employees including six high level scientists and two support personnel. Serves as the primary scientific spokesperson for the Army Research Office in the chemical and biological sciences and interacts with all levels of governmental and academia management, with a variety of experts in the field and with representatives of the foreign scientific community.

Applicants must possess knowledge, skills and abilities in the mandatory executive core qualifications of strategic vision, human resources management, program development and evaluation, resources planning and management, and organizational representation and liaison. In addition, applicants must have knowledge of state-of-the-art developments in chemistry and the ability to evaluate the quality of research in this field.


THE DEPARTMENT OF THE ARMY IS AN EQUAL OPPORTUNITY EMPLOYER
Twenty Years of Neuroscience and Discovery
June 26-27, 1994
Grand Hyatt, Washington, DC

This conference, a satellite of the XIXth Collegium Internationale Neuro-Psycho pharmacologicum Congress is jointly sponsored by NIDA and NFBf and will highlight 20 years of NIDA sponsored research in neuroanatomy, neurochemistry, neurobiology, psychobiology, and molecular biology of drug abuse. The conference will also focus on the future of neuroscience research aimed at understanding drug abuse and addiction.

Sponsored By:
National Institute on Drug Abuse
National Institutes of Health
and
National Foundation for Brain Research

For a registration brochure, contact the National Foundation for Brain Research
1250 24th Street, Suite 300, Washington, DC 20037
Phone: 202/293-5453  Fax: 202/466-2888

U.S.-ISRAEL SCIENCE FOUNDATION
EXECUTIVE DIRECTOR

The U.S. Israel Binational Science Foundation (BSF) was established in 1972 to support cooperative science research projects between U.S. and Israeli scientists. Research projects are funded from the interest on an endowment established in equal shares by the two Governments. The office of the BSF is in Jerusalem.

This 1972 agreement signed by the two Governments and the Board regulations state:

(a) "The Executive Director shall be the chief executive officer of the Foundation. He shall be responsible for the operations and staffing of the Foundation. He shall set in accordance with the policies, directives and delegations of the Board."
(b) "The Executive Director shall be a person of outstanding ability, prominent in the scientific and administration field. He shall be appointed by the Board of Governors under a contract not exceeding three years with such compensation and under such terms and conditions as may be determined by the Board of Governors."

The candidate for Executive Director must be well acquainted with the Israeli and U.S. academic research systems, and the usual proposal review procedures.

Curriculum vitae and letters of interest should be submitted by July 15 in the following manner:

U.S. applicants should send their material to
Dr. Claude Lenfant, Director
National Heart, Lung, and Blood Institute
National Institutes of Health
Bethesda, Maryland 20892 U.S.A.

Israeli applicants should send their material to
Mr. Amnon Einav, Chief Scientist
Ministry of Energy and Infrastructure
234 Jaffa Road
Jerusalem, ISRAEL.

Applicants should be able to assume BSF responsibilities as soon as possible, but no later than January 1, 1995.

Genes & Behavior
A SCIENCE Special Issue
17 June 1994

What is the relationship between genetics and behavior? Scientists in many biological and social disciplines continue to intensively research and debate the subject of genetics and behavior. Now SCIENCE takes an in-depth look at this intriguing topic in the 17 June issue. The issue features a series of scientific articles and perspectives written by key experts in the field who provide readers with more detailed accounts of research in progress. Neither readers nor recruiters will want to miss this blockbuster issue. Book your recruitment ad space today!

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To advertise, call Janis Crowley in the U.S. at (212) 496-7704, or fax (202) 682-0816 or in Europe at (+44) 0223 302067, or fax (+44) 0223 302068
The Cardiovascular Diseases unit of our Preclinical Research Department has a strong commitment to research on the involvement of platelets in thrombosis.

We have an excellent opportunity for a Biochemist/Cell Biologist to join a dynamic group working on the discovery and characterization of new antithrombotic drugs. We are looking for someone who enjoys working in a multidisciplinary team and has the ability to develop his/her own research interests.

Applicants should have:
- a Ph.D. and extensive research experience in the field of adhesion receptors, preferentially integrins
- successfully completed at least one postdoctoral fellowship in this research area
- a strong publication record in the field of receptor research

In addition to offering a dynamic international research environment, the department encourages collaboration with outstanding academic groups and publication of findings in scientific journals.

If you are interested in this position, please send your handwritten letter of application, references, publication list and curriculum vitae to Mrs. M. Waespe of our Personnel Department, quoting reference Science 82/94/ Wao.

F. Hoffman-La Roche Ltd, P.O. Box Ch-4002 Basel

REVISED ADVERTISEMENT
UNIVERSITY OF MINNESOTA
CANCER CENTER DIRECTOR

The University of Minnesota invites applications or nominations for the position of tenured Professor/Associate Professor and Cancer Center Director. The Director of the Cancer Center must have an established national or international reputation of excellence in interdisciplinary oncology research. This individual will also have the demonstrated experience and organizational skills necessary to fulfill the Center's mission of initiating, participating in, supporting and evaluating multidisciplinary basic and clinical cancer research, education and treatment. Essential academic preparation and experience include an M.D. degree and a strong oncology research record as evidenced by publications and grants. The qualifications for the rank of Professor with tenure must include national distinction in the field and demonstrated leadership in administration, research, and teaching. The qualifications for the rank of Associate Professor with tenure must include professional distinction in research and writing and demonstrated effectiveness in teaching and advising. Faculty appointment will be in the appropriate Medical School department.

Responsibilities include: management of the Center budget which facilitates operations, academic appointments, and delineates clinical, research and educational activities; use of Center facilities, including laboratory and office space within the Masonic Cancer Research Building; approval of all membership appointments for the Center; serve as liaison to the National Cancer Institute, other national and regional cancer organizations, academic centers and health care organizations; maintain an academic and, as appropriate, a UMHC staff appointment and undertake research activities consistent with the direction of the Center's research; and participate in Cancer Center development efforts.

The Director reports to the Dean of the Medical School and confers with the Cancer Center Advisory Committee. Additionally, the Director interacts with the President of the University of Minnesota Health System regarding clinical affairs in cancer.

The deadline for receipt of applications/nominations is June 24, 1994. Starting date is negotiable. Interested applicants should send a copy of their curriculum vitae to:

Dr. Seymour H. Levits
Chair, Cancer Center Search Committee
University of Minnesota Medical School
Box 293 UMHC; c/o S. Jackson
420 Delaware Street S.E.
Minneapolis, Minnesota 55455 0392

The University of Minnesota is an equal opportunity educator and employer.

The Division of Cancer Prevention and Control (DCPC), NCI, is accepting applications for the Cancer Prevention Fellowship Program (CPF). The purpose of this program is to train individuals from a multiplicity of health science disciplines in the field of cancer prevention and control. The program provides for: Master of Public Health training (at accredited university programs); Participation in the DCPC Cancer Prevention and Control Academic Summer Course (open to all physicians and scientists interested in learning the principles and practice of cancer and control); Working at DCPC directly with individual preceptors on cancer prevention and control projects; Brief field assignments in cancer prevention and control programs at other institutions. Funding permitting, as many as ten Fellows will be accepted for up to three years of training, beginning July 1, 1995. Benefits include selected relocation and travel expenses, paid federal holidays, and participate health insurance.

Eligibility
M.D., D.D.S., or D.O. from a U.S., territorial, or Canadian Medical School. Foreign medical graduates must have current ECFMG/FGMES or USMLE certification and appropriate experience, e.g., one year residency in a training program approved by the Accreditation Council for Graduate Medical Education.

Or
Ph.D., Dr.P.H. or other doctoral degree in a related discipline (epidemiology, biostatistics, and the biomedical, nutritional, public health or behavioral sciences). Foreign education must be comparable to that received in accredited U.S., territorial, or Canadian institutions.

Plus
U.S. citizenship or resident alien eligible for citizenship within four years.

For details and an application catalog either call, fax or send a postcard or letter with your name and home address to:

Douglas L. Weed, M.D., M.P.H., Ph.D.
Director
Cancer Prevention Fellowship Program
Division of Cancer Prevention and Control
National Cancer Institute
Executive Plaza South, T-41
Bethesda, MD 20892

Further Inquiries: Mrs. Barbara Redding
TELEPHONE(301) 496-8640
FAX(301) 402-4863

Deadline for receipt of applications:
September 1, 1994

NIH is an Equal Opportunity Employer
POSITIONS OPEN

POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE

Position open immediately to participate in research on glycoprotein biosynthesis and metabolism in the retina, and on other mechanisms of the retinal path- way. A strong background in molecular biology and biochemistry is required. Send curriculum vitae and names and telephone numbers of three references to: Richard Miller, University of Michigan, Box 2007, 300 North Ingalls Street, Ann Arbor, MI 48109. An Equal Opportunity Employer.

POSTDOCTORAL POSITIONS for work on aging and senescence in T lymphocytes, employing calcium regulation and protein kinase pathways. A strong background in cell biology and/or molecular immunology is required. Send curriculum vitae, brief statement of research interests, and names and telephone numbers of three references to: Richard Miller, University of Michigan, Box 2007, 300 North Ingalls Street, Ann Arbor, MI 48109. An Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIP—NEURO-CHEMISTRY/MOLECULAR BIOLOGY. NIH RO1—functor—$354,000/yr. Fellow will perform molecular cloning of neuropeptide receptors and ion channels in the auditory/vestibular system. Molecular and biological training required. Interest in HPLC analysis of neuropeptides helpful. Send curriculum vitae, previous publications, and names of three references to: Dennis Drescher, Ph.D., Laboratory of Cellular and Molecular Physiology, National Institute of Child Health, Building 10, Room 5A12, NIH, Bethesda, MD 20892. An Equal Opportunity Employer.

RESEARCH SPECIALIST. The Genetics and Biotechnology Section of Weizmann Institute of Science has an immediate opening for a research specialist in its forest tree genetic transformation program. This position will involve: a) laboratory research on transformation of southern pine species and possibly hardwood species. Responsibilities include assisting in all phases of genetic transformation research, installation and maintenance of important research facilities, design and setup of equipment, maintenance of laboratory equipment, and general laboratory management. Applicants should possess a B.S. or M.S. degree in the Plant Sciences and have experience in plant transformation and/or cell culture. Applications are invited from interested individuals. Send curriculum vitae and names of three references to: Ralph Pannell, Ph.D., Vascular Research Laboratory, Burlington Biological Laboratory, Maple Avenue, Bellevue, WA 98005. A non-profit corporation.

POSTDOCTORAL RESEARCH ASSOCIATE—I. The Cooperative Unit of Fisheries Education and Research, a joint activity of the University of Miami and the National Marine Fisheries Service, seeks applicants for a postdoctoral position in population dynamics. QUALIFI- CATIONS: A strong background in fishery popula- tion dynamics and experience in statistical design and postdoctoral training; strong statistical data analysis or survey design. One-year appointment starting fall 1994, with possibility of exten- sion. Salary: $34,000. Apply by 1 August 1994 with curriculum vitae, statement of research interests and three letters of recommendation to: Dr. Victor R. Restrepo, CIFER, 4600 Rickenbacker Causeway, Miami, FL 33149. FAX (305) 361-4022 or (305) 361-4457. Internet: cufer@rsmas.miami.edu. An Equal Opportunity/Affirmative Action Employer and a smoke/drink-free workplace.

POSTDOCTORAL ASSOCIATE—FISHBIOLOGY. The Cooperative Unit of Fisheries Education and Research, a joint activity of the University of Miami and the National Marine Fisheries Service, seeks applicants for a postdoctoral position in population dynamics. QUALIFI- CATIONS: A strong background in fishery popula- tion dynamics and experience in statistical data analysis or survey design. One-year appointment starting fall 1994, with possibility of exten- sion. Salary: $34,000. Apply by 1 August 1994 with curriculum vitae, statement of research interests and three letters of recommendation to: Dr. Victor R. Restrepo, CIFER, 4600 Rickenbacker Causeway, Miami, FL 33149. FAX (305) 361-4022 or (305) 361-4457. Internet: cufer@rsmas.miami.edu. An Equal Opportunity/Affirmative Action Employer and a smoke/drink-free workplace.

RESEARCH ASSOCIATE

Postdoctoral or with some postdoctoral experience. To join an active group studying the biochemistry of the thymus/lymphocyte system and participate in a project on the involvement of platelets. Requires strength in protein chemistry and protein purification; experience with plate- lets and/or membrane proteins highly desirable. Two- year appointment. Send curriculum vitae and names of three references to: Dennis Drescher, Ph.D., Laboratory of Cellular and Molecular Physiology, National Institute of Child Health, Building 10, Room 5A12, NIH, Bethesda, MD 20892. An Equal Opportunity Employer.

POSTDOCTORAL RESEARCH ASSOCIATE—MOLECULAR BIOLOGY. Gene expression and translational control of cultured vascular cells. A minimum of 2 years of postdoctoral experience in the study of vascular cell biology is required. A background in molecular biology and cell culture experience is desirable. Send curriculum vitae, names of three references, and a letter of application to: Dr. Joel Richter, c/o Human Resources, Worcester Foundation for Experimental Biology, 92 Maple Avenue, Shrewsbury, MA 01545, USA. An Equal Opportunity/Affirmative Action Employer, M/F/D/V.

POSITIONS OPEN

UNIVERSITY OF PENNSYLVANIA

Available immediately for studies on anesthetic modulation of vascular cell function. Mechanisms being examined include signal transduction and mediator produc- tion in cultured vascular cells, and microvascular and regional hemodynamics in intact animals. Applicants should have a Ph.D. in biological/life science. Experience in intact animal models to study cardiovascular function and microcirculatory dynamics and tissue culture preferred. Applicants should send curriculum vitae and names of three references to: Dr. Alex Loew, Department of Anesthesia, University of Pennsylvania, 3400 Spruce Street, Philadelphia, PA 19104-2483. E-mail to: loew@alma.med.upenn.edu.

POSTDOCTORAL RESEARCH ASSOCIATE

Available immediately to study posttransla- tional RNA processing as it relates to translational control studies. Oxford University, England. One useful reference is Genes & Dev. 6:2580 (1992). Those inter- ested who have experience in developmental biology or molecular biology should send complete curriculum vitae together with names, addresses and telephone numbers of three persons who may act as references to: Dr. Joel Richter, c/o Human Resources, Worcester Foundation for Experimental Biology, 92 Maple Avenue, Shrewsbury, MA 01545, USA. An Equal Opportunity/Affirmative Action Employer, M/F/D/V.

UNIVERSITY OF OXFORD

Department of Biochemistry

In the NERC Institute of Virology

and Environmental Microbiology

Invite applications for two further POSTDOCTORAL RESEARCH ASSOCIATE positions to start on 1 July 1994. The positions are for two years in the first instance and are funded by a 5-year programme grant from the AFRC (BBRC) to study the morphology of blue- tongue and related orbiviruses. The work will involve the site-specific mutagenesis, RNA transcription/replication and RNA packaging in viral capsids, etc. A third Research Associate position to start on 1 August 1994 is for 3 years. The position is funded by the MRC to study the role of protein interactions in the formation of complex virus particles. All applicants must have a strong background in molecular biology and preferably good understanding of RNA processing (e.g. splicing, editing, etc.) and recombinant DNA technology. Some knowledge of virology would also be desirable. Salaries are negotiable depending on experience.

Applicants should fax or send full curriculum vitae and the names and addresses of two referees to: the Administrative Officer, Institute of Virology, Mansfield Road, Oxford OX1 3SR, UK; FAX: +44 865 59962. Closing date for applications: 24 June 1994. Applicants should note that the Institute operates as a non-smoking environment.

The University of Oxford is an Equal Opportunity Employer.

POSTDOCTORAL RESEARCH POSITION IN MOLECULAR NEUROBIOLOGY

UNIVERSITY

Two positions are available immediately to study modulation of calcium channel function by neurotransmitter/G-protein, molecular mechanisms of excitation-contraction and excitation-sarcoplasmic coupling using re- combinant expression, mutation, biochemistry, cell biology and electrophysiology methods. Candidates should have a Ph.D. or M.D. and training in electrophysiology or pharmacology.

Please send curriculum vitae, names of two references, statement of your research interest and experience to: Dr. Toots Teichman, Department of Cellular and Molec- ular Physiology, Yale University School of Medicine, BCMM 254D, P.O. Box 9812, New Haven, CT 06520. Phone/FAX: (203) 777-8334.

An Equal Opportunity Employer.

VISITING SCIENTIST

SEILER RESEARCH LAB U.S. AIR FORCE ACADEMY

POSITION: Visiting Scientist to study ultra-structural and functional effects on cultured retinal epithelial (RPE) cells and other pigmented cell lines. Seiler Re- search Lab is a component of the Air Force Material Command, Materials Laboratory. Summer research focus and well-equipped laboratories co-located with the USAF Academy, a four-year undergraduate institution. Initial employment for one year, with possible option for a second year, pending future government funding decisions. Qualifications: Strong academic and publication record in molecular biology or rna-virus interaction and general tissue culture experience required. Experience with pigmented human cells highly desirable, protein characterization/ID by 2D gel electro- phoresis and fluorescent/confocal microscopy experience desired. Must be currently employed by university with desire to work in a military setting. TO APPLY: Send curriculum vitae, publication and presentation list, 2 to 3 page proposal of desired areas of study to: Dr. Fred Seiler, Seiler Research Lab, US Air Force Academy, CO 80840. Applications must be postmarked by July 1, 1994.
RESEARCH OPPORTUNITY IN ANALYTICAL BIOCHEMISTRY

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

RESEARCH MANAGER/PROTEIN ANALYSIS (JOB #1380-C) - The primary responsibility of this individual will be the validation and scale-up of protein assays (particularly immunoassays) for the analysis of transgenic plants. Plant sample preparation, assay problem solving and technology development skills may also be required for assigned projects. The successful candidate will be interacting with the assay development and application groups and is expected to design, implement and interpret experiments. EDUCATION/EXPERIENCE: Ph.D. or equivalent experience in molecular biology, biochemistry or microbiology plus two years directly related lab experience is required. Experience in protein analysis, biochemistry (including immunoassays) is required and experience with statistical analysis, GLP and transgenic plant analysis is important.

Applications received by June 24, 1994 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. Indicate in your correspondence the JOB #, and the names, addresses and telephone numbers of three references to:

PIONEER HI-BRED INTERNATIONAL, INC.
Analytical Biochemistry Department
Attn: Dawn M. Meyer, JOB #1380-C
7300 NW 62nd Avenue, P.O. Box 1004
Johnston, IA 50131-1004

NATIONAL INSTITUTES OF HEALTH
PUBLIC HEALTH SERVICE
DEPARTMENT OF HEALTH AND HUMAN SERVICES

The National Institutes of Health (NIH) invites applications for the position of Deputy Director for Intramural Research, Office of the Director. This is a Civil Service position in the Senior Executive Service (SES), with a salary ranging from the ES-1 to ES-8 pay level per annum (currently $92,900 to $115,700) plus 4.3% per locality pay. The person selected may be eligible for a Physicians Comparability Allowance ranging from $5,000 to $20,000 per year. A 1 year probationary period must be served by the individual selected if not currently in the career SES.

The position of Deputy Director for Intramural Research (DDR) serves as the principal assistant and advisor to the Director, NIH, on all matters relating to the substance, quality and effectiveness of NIH science and intramural research policies. The incumbent is responsible for overseeing NIH intramural research at the NIH; administrates, manages and oversees the scientific program and identifies major areas of research interest by remaining constantly aware of trends and developments in biomedical research and training, both within this country and abroad. The DDR serves as a liaison on intramural research programs with the media, special interest groups, high ranking scientific and executive officials throughout DHHS, PHS and other Federal agencies, academic and private organizations and with members and staff of Congress. The incumbent must be cognizant of legislative processes and issues as they affect the intramural programs to defend these programs before congressional committees. The incumbent must be familiar with and support the various NIH, DHHS and Federal standards of conduct to review certain requests for approval of outside activities and financial disclosure reports.

Applicants must possess knowledge and biomedical research experience in one of the following: Biology, Chemistry, Medicine, Microbiology or Pharmacology. Desirable factors which should be addressed: (1) Applicants should demonstrate substantive knowledge in the biomedical research field by evidence of professional recognition and experience; (2) Applicants should demonstrate the ability to direct and manage a biomedical research organization; (3) Applicants will be evaluated on type and extent of training and education; and (4) Applicants will be evaluated on honors and awards received.

Applicants are required to submit an Application for Federal Employment (SF-171), available at all Federal Job Information Centers and Federal Personnel Offices. Resumes are not acceptable applications. Additionally, applicants may send a curriculum vitae and a bibliography. The vacancy announcement (OD-94-1048) with mandatory/desirable qualifications requirements can be obtained by calling (301) 402-4111. Application material must be sent to the following address:

National Institutes of Health
Office of the Director Personnel Office
9000 Rockville Pike, Bldg. 31, Room 1C27
Bethesda, Maryland 20892

Public Health Service Commissioned Officers wishing to enter the SES must follow the above procedures. Officers interested in performing the duties of the position within the PHS Commissioned Corps may submit a resume to the above address.

APPLICATIONS MUST BE POSTMARKED NO LATER THAN 06-29-94.

SELECTION FOR THIS POSITION WILL BE BASED SOLELY ON MERIT, WITH NO DISCRIMINATION FOR NONMERIT REASONS SUCH AS RACE, COLOR, RELIGION, GENDER, NATIONAL ORIGIN, POLITICAL AFFILIATION, MARITAL STATUS, DISABILITY, AGE, SEXUAL ORIENTATION OR MEMBERSHIP OR NONMEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

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August 26, 1994

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Program Director
Industry, Telecommunications, and Commerce

The Office of Technology Assessment, a science and technology policy support agency of the U.S. Congress, has opened a search to fill the position of Program Director for the Agency's Industry, Telecommunications, and Commerce Program (ITC) to be created in the fall of 1994. The ITC Program will assume many of the responsibilities of the current agency programs in Telecommunications and Computing Technologies and in Industry, Technology and Employment. The Program Director is a member of OTA's senior management, responsible for developing both staff and policy directions for studies on technology and international industrial competitiveness, telecommunications and computing technologies, the national information infrastructure, international trade, industry productivity, and related topics. All studies will reflect the Agency's statutory mission, which is to analyze the implications of the application of technology, at the request of Committees of the Congress.

The ITC Program Director will be one of the Agency's six program directors, and will report directly to the Assistant Director for Industry, Commerce, and International Security. The position responsibilities include management of approximately 30 highly-skilled policy researchers, which will require a strong ability to lead, build, support, and direct staff as well as proven ability to exercise quality control in research, critical analysis, synthesis, and delivery of polished final products for delivery to the Congress and the public. Experience in public policy and acquaintance with the legislative environment are also essential.

Applicants must have an advanced degree or equivalent experience in a relevant technical or policy area, research and management experience in a relevant field, good interpersonal skills, no pre-determined legislative or policy agenda, and a high energy level. Submit curriculum vitae, list of references, and a letter indicating strengths by July 15, 1994 to:

Mr. William J. Norris
ITC Program Director Position
Office of Technology Assessment
United States Congress
Washington, D.C. 20510-8025
FAX: 202-226-6098
INTERNET: WNORRIS@OTA.GOV

Equal Opportunity Employer

Post-Doctoral Positions in Biosensors
Sandia National Laboratories
California

Sandia National Laboratories in Livermore, California is pursuing biosensor applications in a variety of areas such as medical diagnostics, environmental monitoring, and national defense. We are currently assembling teams of scientists and engineers to develop biosensor technologies, and are searching for qualified post-doctoral candidates who would be interested in working in a broadly interdisciplinary environment and participating in interactions with a variety of departments and university collaborators. Successful candidates should have a Ph.D. and demonstrated research ability in an area related to biosensor development. Research areas of interest include, but are not limited to, enzyme-based and immuno/affinity-based biosensors and assay systems, fiber-optic biosensor design, bioelectronic sensor devices, and surface attachment methodologies for enzymes or antibodies. Salary and fringe benefits are extremely competitive. Candidates should send a CV, names of references, uncertified copies of transcripts, and reprints to:

Dr. Joseph Schoeniger
ITC Program Director Position
Office of Technology Assessment
United States Congress
Washington, D.C. 20510-8025
FAX: 202-226-6098
INTERNET: WNORRIS@OTA.GOV

Equal Opportunity Employer M/F/V/D

NMR SPECTROSCOPIST

Owens-Coming seeks an experienced NMR Spectroscopist to work in our Analytical Services R&D Laboratory at the Company's primary Science and Technology Center located in central Ohio. A $3 billion, global corporation, Owens-Coming manufactures glass fibers and related materials for use in both construction and composites applications. The essential function of this position will involve analysis work across all of our divisions and product lines. Light travel to our manufacturing operations or other external suppliers may be involved.

The successful candidate must possess a strong background in NMR coupled with either an M.S. with five years of hands-on experience or a Ph.D. in Organic or Analytical Chemistry. Prior work in a customer support environment plus demonstrated experience with other analytical techniques (GC, HPLC, MS or FTIR) desired. Working in a team environment, the incumbent will report directly to an R&D Manager and must have solid interpersonal skills as required to interface with internal and external customers.

For immediate consideration, please forward resume with salary history in confidence to:

G. O. Bell
Owens-Coming
Science & Technology Center
2790 Columbus Road
Granville, Ohio 43023-1200

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THE OHIO STATE UNIVERSITY
Poultry Molecular Biologist


BENEFITS: Excellent fringe benefits and professional development opportunities.

Responsibilities of Position: This position is 80% research and 20% teaching. Conduct research in molecular biology of genetic diseases. A major emphasis should include characterization and regulation of genes critical to growth and development or reproduction. The candidate must establish and lead a quality research program. The candidate is also expected to contribute to an interdisciplinary faculty focusing on the genetics, physiological and nutritional basis of growth and development, reproduction, or disease resistance. Instructional and educational responsibilities include teaching a molecular biology techniques course, training graduate students and postdoctoral scientists in molecular sciences, and contributing expertise to other classroom instruction at The Ohio State University. An interest in working with poultry species is necessary.

Qualifications: Ph.D. with demonstrated expertise in molecular biology. Experience or background in poultry and animal sciences desired. Candidate must have an interest in participating in interdisciplinary research programs. Must demonstrate research excellence with quality publications. Postdoctoral experience desirable. Interested Persons Should Apply to: Dr. Forrest Muir, Department of Poultry Science, 674 W. Lane Avenue, Columbus, OH 43210. The Ohio State University is an Equal Opportunity/ Affirmative Action Employer. Women, Minorities, Vietnam-Era Veterans, Disabled Veterans and Individuals with Disabilities are Encouraged to Apply.
POSITIONS OPEN

RESEARCH CHEMIST: 37.5 hours per week. $17 per hour. Responsible for design, performance, and analysis of spectroscopic and electrochemical experiments on photosensitive proteins and other biomolecules in native and artificial membrane environments. Ph.D. in Chemistry (emphasis in physical chemistry). Strong background in optical and vibrational spectroscopy, photochemical kinetics, interfacial and surface electrochemistry, dielectric measurements and time-resolved spectroscopy. Expertise in physical chemistry of model lipid membranes and in theoretical calculations of biomembrane surface electrostatics. Job site and interview: Santa Cruz, California. Send ad and résumé or letter of qualification to: Job Order Number CM 35071, P.O. Box 269065, Sacramento, CA 95826-9065.

SCIENCE WRITER/EDITOR
(Senior Level)
The University of Texas Medical Branch at Galveston (UTMB) is seeking an experienced science writer to research and write news and feature stories covering a broad range of clinical and basic medical sciences. This position also acts as the University's chief media contact on science-related matters and chief science writer/editor for the University's biannual science magazine and monthly research newsletter. Minimum requirements include a Bachelor's degree, 5 years of professional writing and editing experience and thorough background in medical sciences. Journalistic experience preferred. Prior experience in an academic health science center is highly desired. Qualified candidates should send a detailed résumé with salary requirements and published writing samples to: Office of University Relations, 310 University Boulevard, Galveston, TX 77555-0104.

STAFF SCIENTIST,
For Manufacturer in the Cincinnati Area
Development of dosage forms and drug delivery systems for new and existing therapeutic agents. Conduct preformulation physical and chemical characterizations of new therapeutic agents and preclinical characterization of the pharmacokinetic behavior of new and existing agents using animal models. Employ preformulation, pharmacokinetic, and pharmacodynamic data to design appropriate dosage forms, conventional and sustained release, and drug delivery systems for human use using biopharmaceutical principles. Conduct in vitro and in vivo evaluations of dosage forms. Evaluate clinical pharmacokinetics. Ph.D. in Biomedical Science or Pharmacology required plus one year of experience in the job offered or one year of experience in pre- or postdoctoral research in biopharmaceutics and pharmacokinetics including developing solid and liquid dosage forms for new and existing therapeutic agents involving in vitro and in vivo evaluation of dosage forms, drug preformulation and physicochemical characterizations, animal pharmacokinetic and pharmacodynamic studies involving efficacy measurements, and evaluation of human clinical and animal pharmacokinetic data to evaluate dosage forms. Forty hours per week, 8:30 to 4:30. Salary $57,800 per year. Must have proof of legal authority to work indefinitely in the United States. Send résumé in duplicate (no calls) to: J. Davids, 56001191, Ohio Bureau of Employment Services, P.O. Box 1618, Columbus, OH 43216.

SENIOR ENVIRONMENTAL SCIENTIST
(ENVIRONMENTAL MERCIER CHEMIST)
The South Florida Water Management District has a 3-year opportunity immediately available in the Everglades Systems Research Division. The preferred candidate will have a Ph.D. or M.S. in aquatic and sediment chemistry with an emphasis on heavy metals, and 4 years of experience with mass balance concepts and chemical fate/transport modeling. Additional requirements include experience interacting with State and Federal Regulatory Agencies and the ability to explain mercury issues to lay and professional audiences. Field visits are required.

The District offers competitive salaries, excellent benefits and a smoke-free environment. New hires will be required to successfully complete a pre-placement drug test. You may contact: Dr. Michael Chimney for additional information at (407) 687-6523. For consideration send your résumé with social security number to: Human Resources, Ref. SLS7140, South Florida Water Management District, 3301 Gun Club Road, West Palm Beach, FL 33416. Equal Opportunity Employer.
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