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University of Florida seeks an ASSISTANT PROFESSOR in the Department of Medicine, Division of Gastroenterology. M.D. degree, three years of internal medicine, and three years of GI fellowship preferred. The responsibilities will include diagnostic and therapeutic endoscopy including therapeutic bilevel pancreatic endoscopy, and endoscopy ultrasonography, attending on the inpatient GI service at Shands Hospital, attending on the GI consultation service at the VA Medical Center, and the Shands Hospital, directing a GI clinic at the University of Florida Shands Clinics. Research activities will be encouraged. Applicants must hold an M.D. or Ph.D. degree, qualify for appointment at the rank of Assistant Professor, and demonstrate significant cancer-related scholarly accomplishments. Substantive manage-rial responsibility is required.

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To Apply

Please send a cover letter, curriculum vitae, bibliography, a one-to two-page statement of research interests and goals, and selected publications to the address listed with each position. In addition, please arrange to have letters of recommendation sent from three references who can provide an evaluation of your professional qualifications.

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Wyeth-Ayerst Research is currently building a Bioinformatics Core Technology Group, which will be located at its headquarters facility in Radnor, Pennsylvania. The group will support all divisions of Discovery Research and will conduct independent research in bioinformatics and its application in the drug discovery process.

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The selected scientist will be responsible for maintaining the currency of public databases and keeping abreast of new public resources. Your skills in molecular biology, statistical analysis and computational science will enable you to interface with discovery scientists and assist with database searches and the analysis of resulting data; act as a consultant and teacher to enhance utilization of bioinformatics technology throughout Discovery Research; and implement user needs in database searching integration. Specific responsibilities include interpreting similarity sequence searches, multiple sequence alignments and gene expression patterns and quality control of sequence data. In addition, you will develop and/or implement new tools and paradigms in computational biology. Requirements include a doctorate degree in the life sciences (preferably Molecular Biology, Biochemistry or Structural Biology) with 3-5 years of postdoctoral research experience in computer science, informatics, database management and genomics technologies. Position # OPSCI-1959

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You will have overall responsibility for applying Bioinformatics to the process of gene and target discovery. Working in close collaboration with scientists in areas such as Cardiovascular and Metabolic Disorders, Oncology, Infectious Diseases and Women's Health, the selected scientist will design and carry out experiments using Bioinformatics to identify novel disease genes that may become targets for drug discovery research. Based on this research, you will develop and/or implement new tools and paradigms in computational biology, act as a consultant and teacher to enhance utilization of bioinformatics throughout Discovery Research, and implement user needs in database searching and integration. Requirements include a doctorate degree in the life sciences (preferably Molecular Biology, Biochemistry or Structural Biology) and 3-5 years postdoctoral research experience in computer science, informatics, database management and genomics technologies. Position # OPSCI-1958

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Houston, TX 77030
Baylor College of Medicine is an Equal Opportunity/Affirmative Action/Equal Access Employer.

INFORMATICS—Genomics and Mutation Analysis: Position available to develop software and perform analyses to further the research activities of a 20-person molecular genetics research lab/molecular diagnostic lab that will soon be part of the University of Hope in Duarte, California. Recent papers from the laboratory include: Genomics, 26:510, 1995, Am. J. Hum. Genet., 55:402, 1994, Trends in Genetics, 11:141, 1995. Send curriculum vitae and names of references, and five-year short and long term goals to: Steve Sommer, M.D., Ph.D., G-15, Mayo Clinic, Rochester, MN 55905 Equal Opportunity Employer.

POSTDOCTORAL FELLOW
BOSTON UNIVERSITY SCHOOL OF MEDICINE
Department of Pharmacology
Individuals sought for TWO POSTDOCTORAL positions in a multidisciplinary research group interested in the regulation and genomic organization of ligand-gated ion channels in neurons. Molecular biological, cell biological, and electrophysiological techniques are combined to study the regulation of ligand-gated ion channel properties during development and activity. Experience is required. Send curriculum vitae, graduate transcripts, and a summary of research plans to: Dr. David van der Vecht, Boston University School of Medicine, 80 East Concord Street, Boston, MA 02118-2394.

POSTDOCTORAL FELLOWSHIP/RESEARCH ASSOCIATE
Ph.D. in biochemistry/pharmacology dealing with drug development to participate in in vivo and animal research projects. The candidate must have good technical writing skills and competency in biochemistry, cell biology, molecular biology, and immunology. Possibility is available for a long-term position. Competitive salary and fringe benefits. Send letter of interest, curriculum vitae, and names of three references to: Ms. C. Farrel, P.O. Box 7210, Loma Linda, CA 92354.

POSTDOCTORAL ASSOCIATE
Position available for research on structure-function relationships and catalytic mechanism of human manganesesuperoxide dismutase in a collaborative project with Drs. David N. Silverman and Nick A. Rajewsky. Our approach uses fast kinetic methods, magnetic resonance, and physicochemical studies on site-directed mutants. Send curriculum vitae and names of three references to: Dr. David N. Silverman
Department of Pharmacology, University of Florida College of Medicine, Gainesville, FL 32610-0267. Equal Employment Opportunity/Affirmative Action Employer.

Vanderbilt University School of Medicine, Department of Medicine, is actively seeking a new DIRECTOR of the Division of Molecular Pathology. The successful candidate should have a high record of academic achievement and administrative experience. Send curriculum vitae to: John A. Oates, M.D., Professor and Chairman, Department of Medicine, D-3100 MCN, Vanderbilt University, Nashville, TN 37232-2358, an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL ASSOCIATE
POSTDOCTORAL RESEARCH ASSOCIATE
POSTDOCTORAL RESEARCH FELLOW
The University of Virginia is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION
Neuroscience
A TENURE-TRACK faculty position is available in the Department of Neuroscience at the University of Virginia. We are seeking an individual with cellular, molecular, and genetic approaches to fundamental problems in neuroscience.

We anticipate making this appointment at the Assistant or Associate level. We encourage applications from candidates at all levels will be considered.

Please send curriculum vitae, sample reprints, a description of research plans, and the names and telephone numbers of three references to: Dr. Richard O. Grady, Department of Neuroscience, University of Virginia School of Medicine, Charlottesville, VA 22908.

We are currently seeking for the non-tenure-track position of RESEARCH ASSISTANT PROFESSOR. The department should be a Ph.D. or M.D., with expertise in pharmacology, neurophysiology, a thorough knowledge of acoustics, and at least five years of experience in laboratory investigation of high frequency otocoustic emission measurements in neonatal rodents. Please address inquiries to: Dr. Richard O. Grady.

POSTDOCTORAL FELLOW
The University of Virginia is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL RESEARCH ASSOCIATE
POSTDOCTORAL Research Associate position to investigate water relations and transport processes of forage plants in arid center ecosystems. The research will involve designing laboratory measurements and field studies to document and understand patterns of water and carbohydrate transport in woody plants. The research should have a background in plant physiology, strong quantitative skills, and interest in techniques development. The position is available for an initial one-year period with the possibility of a second year appointment. Please send a curriculum vitae, description of research interests, supporting materials, and letter of recommendation to: Dr. E. Michelle Holbrook, Organic and Evolutionary Biology, 32411, 16 Divinity Avenue, Cambridge, MA 02138. Harvard University is an Equal Opportunity Employer. Applications from women and minorities are strongly encouraged.

POSTDOCTORAL POSITION available immediately. The successful applicant will use recombinant G protein subunits and subunit-specific antibodies to study receptor coupling to calcium and inward rectifying K+ channels in central neurons. Applications should have a strong background in cell and molecular biology, preferably with experience in whole-cell and/or single-channel recording. Candidates should send curriculum vitae and three letters of reference to: Dr. John L. Bayliss, Department of Pharmacology, University of Virginia, Charlottesville, VA 22908. FAX: 804-982-3878; Email: dbayliss@virginia.edu. The University of Virginia is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOW
The University of Medicine and Dentistry of New Jersey (UMDNJ) - Robert Wood Johnson Medical School, Cancer Institute of New Jersey, is currently seeking a POSTDOCTORAL FELLOW. The successful individual will work with geneticians and oncologists for cancer research and conduct independent research. Applicants should be highly motivated and have a strong background in molecular biology and/or biochemistry. Please submit curriculum vitae to: T. S. Ravikumar, M.D., UMDNJ - Robert Wood Johnson Medical School, The Cancer Institute of New Jersey, 303 George Street, Suite 501, New Brunswick, NJ 08901. The UMDNJ is an Affirmative Action/Equal Opportunity Employer, Minorities/Female/Disabled/Veterans, and a member of the University Health System of New Jersey.
**Polymer Formulation Scientist**

You will be responsible for the discovery and optimization of colloidal and other novel polymer systems for DNA delivery. You will also be responsible for correlating the physiochemical properties of these systems with their ability to deliver DNA to cells both in vitro and in vivo, as well as elucidating their cell uptake mechanisms. Analytical experience in calorimetry, FT-IR, circular dichroism, gel electrophoresis, laser light scattering, fluorescence microscopy and in vitro cell transfection is preferred.

**Polymer Chemist**

You will be responsible for the discovery and synthesis of novel co-polymers to be used as systems for DNA delivery. Expertise in polymer synthesis, modification, purification, and characterization is essential. Analytical experience in HPLC, calorimetry, size exclusion chromatography, NMR spectroscopy, FT-IR, and circular dichroism is preferred. Formulation experience using polymers would be a plus.

To qualify for either position, you will have a working knowledge of both synthetic and natural polymers, polymeric delivery systems for DNA, and the biological implications of various routes of administration of these systems. You will also have outstanding written and oral communication skills, experience working in inter-disciplinary teams and a B.S., an M.S., or a Ph.D. in Chemistry, Chemical Engineering or Pharmaceutical Sciences.

GeneMedicine, Inc. offers career growth and a highly competitive compensation and benefits package. For confidential consideration, please send resume to GeneMedicine, Inc., Attn: Human Resources, 8301 New Trails Drive, The Woodlands, TX 77381-4248; Fax (713) 364-0858. EOE.

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**University of Minnesota**

**Dean of Medical School**

Applications and nominations are invited for the full-time position of Dean with tenured faculty rank at the University of Minnesota Medical School. The School is one of seven schools in the University's Academic Health Center, with nearly 900 faculty in its 23 clinical and basic science departments, five centers and institutes, and with annual expenditures of $300 million. Currently about 900 students are enrolled in M.D.-Ph.D. programs in addition to 1400 residents and fellows in specialty programs, 260 graduate students pursuing master's or doctoral degrees in research areas, and 300 undergraduate students in the allied health professions.

**Qualifications**

Essential qualifications include an M.D., Ph.D., M.D./Ph.D., or foreign equivalent; evidence of scholarly achievement; and the ability to successfully manage large, diverse organizations and administer programs in medical education and related research, patient care, and service. Candidates should have administrative and fiscal experience in medical affairs; demonstrable commitment to increased diversity; an understanding of the role and responsibilities of a land grant institution; and communication and interpersonal skills to create an organizational culture that promotes excellence, accountability, and a management style of participatory leadership.

For a complete job description, please contact Susan Jackson at the address noted below.

Nominations and/or applications should be forwarded by August 15, 1996 to:

Sandra Edwardson, R.N., Ph.D.
Chair, Search Committee
c/o Susan Jackson
Box 293 UMHC
420 Delaware St. S.E.
Minneapolis, MN 55455
phone: 612-625-0427 (Ms. Jackson)
fax: 612-626-2111
e-mail: sjackson@maroon.tc.umn.edu

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

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**Molecular Biologists**

SmithKline Beecham Pharmaceuticals, a worldwide leader in pharmaceutical research, has challenging opportunities for scientists/investigators to join our Molecular Genetics team. All candidates must be bench scientists with proven experience in standard RNA/DNA methodologies including recombinant DNA techniques, Northern and Southern blotting, PCR and computer analyses. Specific requirements for each position are as follows:

**Scientist**

The successful candidate should also have experience in construction and screening of cDNA libraries and subtractive screening methodologies. Experience in bacteriology and/or bacterial genomics is a plus. A Bachelor's degree with 3-5 years' experience or a Master's degree with 1-3 years experience is required.

**Investigator**

This position must have expertise in receptor characterization by Xenopus oocyte injection and electrophysiology. Experience in cDNA library construction and the functional characterization of novel genes is desired, as is understanding of protein biochemistry. A PhD in Molecular/Cellular Biology (or equivalent) with 2-5 years of postdoctoral experience is required.

**Investigator**

Candidates must have proven experience in de novo gene cloning, cDNA and genomic library construction and screening, and functional characterization of novel genes. A PhD in Molecular Biology or Genetics (or equivalent) with 2-5 years of postdoctoral experience is required.

SmithKline Beecham offers a competitive compensation/benefits/relocation package, as well as the opportunity for growth in a scientifically intense environment built on creativity, teamwork, and commitment. The Department of Molecular Genetics is comprised of a dynamic group of scientists whose activities encompass basic and applied research in a broad spectrum of therapeutic areas including hematopoiesis, bone, cardiovascular, pulmonary, renal, CNS and infectious diseases.

To join our industry leading team, send your CV with three references to: SmithKline Beecham Pharmaceuticals, Job Code H6-0161MB, P.O. Box 2645, Bala Cynwyd, PA 19004. We are an Equal Opportunity Employer, M/F/D/V.

**SmithKline Beecham Pharmaceuticals**

Challenging the natural limits.
**Senior Staff Fellow**

The National Institute on Deafness and Other Communication Disorders (NIDCD) is recruiting for a Senior Staff Fellow. The position is open immediately for a Ph.D. or M.D. scientist with postdoctoral research experience and a strong publication record in the genetics of hereditary hearing impairment. The candidate will be expected to develop a program of research with the goal of identifying and characterizing the changes found in genes involved in hereditary hearing impairment using human population studies and relevant mouse model systems. The position is located in the Laboratory of Molecular Genetics, Division of Intramural Research, NIDCD. This laboratory has established research programs to study genes involved in both syndromic and non-syndromic hereditary hearing impairment.

Candidates must have either an M.D. degree or Ph.D. degree, as well as postdoctoral research experience working on the genetics of syndromic and/or non-syndromic hereditary hearing impairment. The salary will depend on the qualifications of the candidate. Applicants may be eligible for an appointment in the Commissioned Corps of the U.S. Public Health Service. The period for the initial appointment is two years. Candidates may be eligible for relocation expenses.

If you wish to apply for this position, please submit a resume or curriculum vitae and a bibliography no later than July 26, 1996, to:

**Ms. Christine Clements**
Personnel Management Specialist
NIDCD Personnel Management Branch
31 Center Drive, MSC 2320
Bethesda, Maryland 20892-2320

Additional information about the position and qualification requirements may be obtained by contacting or by calling (301) 402-0508 or TDD (301) 402-1334.

NIH is an Equal Opportunity Employer

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**Planted Development**

The Botany Department of the University of Toronto invites applications for a tenure-track position in Plant Development at the Assistant Professor level, starting July 1, 1997. The successful candidate should have a Ph.D. and, preferably, postdoctoral experience. We are particularly interested in applicants using cellular, molecular, and genetic approaches to studying problems in plant developmental biology. Teaching responsibilities will include participation in undergraduate and graduate courses in plant development and in cellular and molecular biology. This position is integral to a new campus-wide Graduate Program in Developmental Biology. Applicants should submit a curriculum vitae and a statement of research and teaching interests and arrange for three letters of reference to be sent to the address below by September 16, 1996.

Dr. Verna J. Higgins, Chair
Department of Botany
University of Toronto
25 Willcocks Street
Toronto, Ontario
Canada M5S 3B2

Email: higgins@botany.utoronto.ca

This position is subject to budget approval. In accordance with its Employment Equity Policy, the University of Toronto encourages applications from qualified women and men, members of visible minorities, aboriginal peoples, and persons with disabilities.

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**University of Michigan**

The Department of Obstetrics and Gynecology at the University of Michigan is seeking applications at the Assistant or Associate Professor level for an instructional position with a joint appointment in an affiliated basic science department of the medical school. Outstanding individuals with research experience or interests in reproductive biology in such areas as preimplantation biology, developmental biology, signal transduction mechanisms, or regulation of gene expression by reproductive hormones are sought. Individuals working with higher eukaryotic systems are encouraged to apply. The successful candidate will be expected to establish an active, externally funded research program. Other responsibilities will include teaching and participation in the graduate training program in the medical school. New research facilities and strong interdisciplinary programs make this an attractive opportunity. Applicants should send curriculum vitae and bibliography, a brief description of current and future research directions, and request three letters of reference to be sent to:

Timothy R. B. Johnson, M.D.
Professor and Chair
Department of Obstetrics and Gynecology
University of Michigan Medical Center
D2202 MPB, Box 0718
1500 East Medical Center Drive
Ann Arbor, MI 48109-0718

Deadline for applications is August 16, 1996.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer. Applications from qualified women, minorities, and/or disabled individuals are encouraged.

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**Strang Cancer Prevention Center**

**Director**

Anne Fisher Nutrition Center at Strang Cancer Prevention Center

Strang Cancer Prevention Center seeks an exceptional individual to head the newly created Anne Fisher Nutrition Center. The Center has been established to enhance understanding of the multistep process of organ site carcinogenesis to identify effective strategies for primary and secondary prevention via nutritional intervention. Interdisciplinary research programs focus on nutritional, hormonal, immunological and metabolic aspects of carcinogenesis and its prevention through basic laboratory research, supported by appropriate core facilities for analysis and dissemination of data.

The lead identified by basic laboratory research are evaluated by clinical prevention programs for clinical efficacy of prevention, and validate translational research to identify clinically relevant approaches for preventive intervention. The present approach, combining basic laboratory studies with clinically relevant translational research, hopes to identify important leads for prevention and treatment of human cancer using naturally occurring dietary compounds. An important component is to provide patient counseling and public information to encourage good nutritional practices with special emphasis on cancer prevention.

Candidates for the position of Director should have an M.D. or Ph.D. in clinical nutrition or closely related disciplines, and extensive laboratory experience in nutritional biochemistry, cellular and molecular biology. The successful candidate is keenly interested in bridging the gap between basic biomedical research and the practice of clinical nutrition related to cancer prevention. Grant writing experience is essential, and a strong management background with organizational skills is key to identifying the candidate. Applicants are encouraged to forward a CV along with names and addresses of three references and a one-page description of research and clinical experience to:

Michael P. Osborne, M.D.
President and Chief Executive Officer
Strang Cancer Prevention Center
428 East 72nd Street
New York, New York 10021

Application review begins July 1, 1996 and remains open until filled. Salary and benefits will be commensurate with qualifications and experience. Strang Cancer Prevention Center is affiliated with The New York Hospital-Cornell Medical Center and joint appointments are held by academic staff members.

Equal Employment Opportunity/Affirmative Action Employer. (Women and minorities are urged to apply.)
Senior Research Fellow/ Associate Director
Analytical Sciences

ALZA Corporation, headquartered in Palo Alto, California, is a leader in the development and commercialization of innovative pharmaceutical products using advanced drug delivery technologies to add medical and economic value to drug therapies. We are looking for an experienced professional with a strong desire to participate in the implementation of ALZA’s overall strategy to join our long-standing tradition of scientific and manufacturing excellence.

Managing the supervision of analytical sciences, you will provide technical leadership to and be responsible for the development, performance, and validation of appropriate analytical methods; characterization of impurities and degradation products; documentation of regulatory filings; maintenance of a high level of technical capabilities; and interaction with project team members to ensure timely completion of analytical tasks. You will also provide administrative leadership in the following areas: management, training, and performance assessment of staff; career development; staffing; budget preparation assistance; cGMP compliance; and work place safety & environmental issues.

The position requires a Ph.D. in chemistry, biochemistry, immunology, analytical chemistry or relevant field and a minimum of 10-12 years of industrial experience in the development of analytical methods for small molecules and/or proteins in support of formulation development, lot release and stability studies. Qualified candidates must possess in-depth experience working with a variety of high level analytical methods such as HPLC (SEC, ion X, HIC, RP, CEI) and peptide mapping with LC-MS; extensive experience in technical report writing for regulatory submissions; strong publication records; and exceptional managerial, problem-solving, motivational, and written/verbal communication skills.


ALZA is proud to be an Equal Opportunity Employer.

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POSTDOCTORAL
RESEARCH SCIENTIST in the
DEPARTMENT OF IMMUNOLOGY

Applications are invited for a 2 year Postdoctoral Research Fellowship in the department of Immunology, Connaught Laboratories Ltd. Candidates will have completed or are about to complete a Ph.D. degree in the area of cellular immunology. This position offers an excellent opportunity for training and career growth in viral immunology and to apply one’s expertise in fundamental immunology to the development of vaccines against diseases caused by respiratory viruses.

Interested candidates should submit a resume, a summary of research history and the names of three referees by July 19, 1996 to:

Connaught Laboratories Limited
Attention: Teresa DeRosa, Human Resources
1755 Steelees Avenue West
North York, Ontario M2R 3T4
FAX: (416) 667-9391

We want to thank all applicants, however, only those under consideration will be contacted.

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Bristol-Myers Squibb has a position available at its Syracuse, NY facility for a Genetic Toxicologist to evaluate mammalian cell DNA damage.

GENETIC TOXICOLOGY
POSTDOCTORAL

The individual will work on a project using FISH (fluorescence in situ hybridization) assays and also be involved in GLP assays of company project compounds. The position is for one year with renewal possible for an additional year or has the potential to work into a full time position. Permanent Residency is required.

We offer an excellent salary, comprehensive benefits and a working environment conducive to professional growth. For confidential consideration, forward your curriculum vitae to: Manager, Human Resources, Bristol-Myers Squibb, P.O. Box 4755, Syracuse, NY 13221-4755. Equal Opportunity Employer, M/F/D/V.
**PROTEIN KINASE/ SIGNAL TRANSDUCTION RESEARCH POSTDOC POSITION**

As our strategy for pharmaceutical discovery leads to further breakthroughs, we're looking for a strong postdoc candidate to focus on protein kinases and related signal transductions. The chosen individual will work in a stimulating research environment and will receive excellent training.

Applicants should have a Ph.D. in Molecular Biology/Biochemistry or related areas and be highly motivated to perform scientific research. Experience with protein kinases and/or signal transduction is preferred.

This appointment will be for 2 years and will be located at the Department of Molecular Biology at Parke-Davis and Department of Biological Chemistry at the University of Michigan.

Members of our world-class pharmaceutical team enjoy world-class salaries, benefits, and career growth potential. Interested candidates should send their curriculum vitae, a brief summary of their research interests and a list of 3 references to:

Parke-Davis Pharmaceutical Research, Human Resources Department, Attn: CJMYS, 2800 Plymouth Road, Ann Arbor, MI 48105. "Equal Opportunity in Action."
**Be Part of the New VA**

**DIRECTOR**

Health Services Research and Development Service

The Department of Veterans Affairs (VA) invites applications for the position of Director, Health Services Research and Development (HSR&D) Service. The major challenge facing the VA in the coming decade is providing appropriate, high-quality health care to the nation's veterans at a reasonable cost. The HSR&D Service mission is to participate in the search for the most cost-effective approaches to delivering quality health care. To achieve this mission, HSR&D supports health services research studies that examine the effects of organization, financing, and management of health care in terms of quality, access, and health outcomes. The program focuses on advancing and disseminating the state of knowledge regarding health services to VA and the nation.

The incumbent is responsible for policy development in addition to the management and scientific aspects of the HSR&D programs. This includes managing an appropriated budget of approximately $35 million. HSR&D programs include investigator initiated and service directed research, in addition to operational research occurring within the new Veterans Integrated Service Networks. The individual selected will play a critical role in the organizational restructuring of this program.

Applicants must be U.S. citizens and must possess an active and current license to practice in their respective discipline(s). Candidates are expected to have a strong scientific and managerial background, and to hold an M.D., D.D.S., or earned Ph.D. Salary is $129,344—$167,292 for physicians, $99,844—$124,792 for dentists, and $81,278—$100,939 for allied health professionals/non-clinician managers.

Applicants should forward a curriculum vitae to: Department of Veterans Affairs, Management and Administrative Support Office (163B), 810 Vermont Ave., NW, Washington, DC 20420. Curriculum vitae(s) must be received no later than July 31, 1996. The Department of Veterans Affairs is an Equal Opportunity Employer.

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**Symposium**

**Susceptibility and Risk Assessment**

The Third Annual Symposium of the National Health & Environmental Effects Research Laboratory

The National Health & Environmental Effects Research Laboratory (NHEERL) of the U.S. Environmental Protection Agency is pleased to announce that its Third Annual Symposium will be held September 24-27, 1996 at the Omni Durham Hotel and Durham Civic Center in Durham, North Carolina. This third in the Annual NHEERL Symposium Series on Research Advances in Health Risk Assessment will focus on known factors affecting the susceptibility of humans, experimental animal models, or cell tests systems to environmental toxics with the goal of refining risk assessment strategies which must consider variable population response. Protection of the "susceptible individual" is a fundamental goal of environmental regulation. Indeed, it is generally accepted that if the susceptible individual is protected then the entire population will be protected. The format of the NHEERL Symposium will include invited platform presentations and contributed poster presentations. For more information, please contact:

1996 NHEERL Symposium
Susceptibility and Risk Assessment
c/o NHEERL Conference Coordinator
U.S. EPA
NHEERL, MD-70
Research Triangle Park, NC 27711
Phone: (919) 541-5193
Fax: (919) 541-4002
Internet: MEETINGSMAIL@HERL45.HERLEPA.GOV

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**Director**

**Orthopaedic Research**

Allegheny-Singer Research Institute (ASRI) is seeking a qualified individual to direct the Department of Orthopaedic surgery research program. ASRI is part of the Allegheny Health, Education and Research Foundation, an academic medical center located in Pittsburgh and Philadelphia, Pennsylvania that includes Allegheny General Hospital, Medical College of Pennsylvania and Hahnemann University, and St. Christopher's Hospital for Children.

Reporting to the Chair, Department of Orthopaedic Surgery, The Director of Orthopaedic Research will be responsible to direct the Orthopaedic Research Laboratory and the Biomechanics Laboratory, and to work closely with clinicians and residents in the Department to involve them in research. There is a viable opportunity to facilitate growth of research in an interactive and interdisciplinary environment. The successful candidate for this position will have an M.D. or Ph.D. and a track record of scientific accomplishments, peer-reviewed publications, extramural funding, and evidence of administrative and leadership ability.

Interested individuals please submit a curriculum vitae and references to: James H. McMaster, M.D., Chair, Department of Orthopaedic Surgery, Allegheny-Singer Research Institute, 320 E. North Avenue, Pittsburgh, PA 15212. Allegheny-Singer Research Institute is an equal opportunity employer.

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**Director**

**National Space Biomedical Research Institute**

Universities Space Research Association (USRA), a non-profit association of eighty universities, is organizing the efforts of a consortium of life sciences research institutions which seek to operate the National Space Biomedical Research Institute (NSBRI) to be established by the National Aeronautics and Space Administration (NASA) within the next few months. We are seeking a director for the Institute.

The NSBRI is a new and exciting approach to NASA's conduct of space biomedical research. NASA anticipates that the Institute will lead the nation's space biomedical research effort. Accordingly, NASA will give the NSBRI substantial independence and significant funding to enable it to develop an overall space biomedical research plan for the nation, and to carry out a significant portion of the research identified in that plan.

The individual who will fill this challenging position will have the opportunity to shape the Institute from its inception and will play a prominent role in its ultimate success.

The successful candidate will be a U.S. citizen who: (1) possesses an international reputation in a biomedical research field relevant to space biomedicine, and (2) has proven his or her ability to successfully manage a research program. Prior association with NASA is not required.

To investigate this unique opportunity, please fax or mail your resume in confidence to:

USRA, Division of Space Life Sciences
3600 Bay Area Boulevard
Houston, Texas 77058
Fax: (713) 244-2006
UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER
NMR Manager

The University of Colorado Cancer Center and Department of Pharmacology invite applications for a research track position at the ASSISTANT PROFESSOR level. The successful individual will manage a newly established NMR facility. This position is part of the intramural NMR Structural Program. Responsibilities include maintaining 500 and 600 MHz Varian spectrometers, instructing new users, and developing a research program related to biology, structure/function. Applicants must have a Ph.D. degree, background in NMR theory, experience in spectrometer function, and potential to develop extramural funding. Submit curriculum vitae, names of three references, and a statement of research interest and experience in NMR. Send application to: Search Committee, University of Colorado Health Sciences Center, Box C256, 4200 East Ninth Avenue, Denver, CO 80262. The University of Colorado is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR in Extension Plant Pathology available January 1, 1997. This tenure-track position will provide statewide leadership in developing an extension program in diagnosis and management of diseases of Oregon’s field crop and vegetable industries. A Ph.D. degree in Plant Pathology or related discipline, teaching experience, and strong communication skills are required. Send curriculum vitae, statement of interest and philosophy in delivering extension programs, copy of transcripts and other evidence of training and experience, and names and addresses of three references to: Chair, Plant Pathology Search Committee, Department of Plant Pathology, Oregon State University, 2082 Cordley Hall, Corvallis, OR 97331-2902. Oregon State University is an Affirmative Action/Equal Employment Opportunity Employer and is responsive to dual-career needs.

MOLECULAR GENETICIST

The Ohio State University Department of Pediatrics located at Children’s Hospital, Columbus, Ohio, is seeking M.D. or Ph.D. candidates eligible for appointment in the Division of Human Genetics. Positions are available in the ASSISTANT, ASSOCIATE, or FULL PROFESSOR level on the regular tenure track. The position will have an emphasis in molecular biology research with some teaching responsibilities. Candidates should have expertise in transgenic or knockout mice, gene transfer, and/or cellular immunology. Limited patient care may be performed by candidates with an M.D. degree. It is expected that the successful candidate will be involved for the majori- ty of his or her time in basic research, which includes publication, anticipated or published, in peer-reviewed journals and the successful obtaining of extramural grants. Address correspondence in writing to: Grant Morrow, III, M.D., Professor and Chair of the Medical Genetics Search Committee, Department of Pediatrics, Children’s Hospital, 700 Children’s Drive, Columbus, OH 43205. Telephone: 614-722-7700. The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, Vietnam-era veterans, disabled veterans, and disabled persons are encouraged to apply.

University of Florida seeks an INSTRUCTOR in the Department of Medicine, Division of Cardiology. M.D. degree required. Board-eligible or board-certified. Experience in cardiovascular medicine. The responsibilities will include patient care in the hospital clinics and cardiac catheterization procedures. Salary and benefits are commensurate with experience. Recruitment closing date is December 12, 1996. Anticipated starting date: August 1, 1996. Please send curriculum vitae to: Dr. Richard Kerensky, M.D., Assistant Professor, Box 100777 JHMCJ, Gainesville, FL 32610. An Equal Opportunity/Affirmative Action Employer.

VENTURE CAPITAL CONSULTANT

Venture capital firm seeks full- or part-time SCIENTIST or MEDICAL DOCTOR to evaluate new tech- nologies, start-up businesses, and other investment opportunities in medical R&D. This position is funded by NCRC training grant and/or NIH R01 grant; successful applicant will meet eligibility requirements for support. Applications including curriculum vitae, a summary of research and teaching activities, and names and addresses of three references should be forwarded to: Dr. Matthew M. Ames, Chair, Division of Developmental Oncology Research, Department of Oncology, Mayo Clinic and Foundatio, Rochester, MN 55905. Mayo Foundation is an Affirmative Action/Equal Opportunity Employer and Educator.
Public Invitation to Participate in a New Project for Research and Development of CFC Decomposition Technology for Effective Use of Energy

Announced by the New Energy and Industrial Technology Development Organization on June 21

In order to promote the research and development of global environmental technology, the New Energy and Industrial Technology Development Organization (NEDO) would like to inform all interested companies and research organizations regarding the research and development project described below for fiscal year 1996. This new project is being undertaken as part of the Research and Development Program on Global Environmental Technology of the Ministry of International Trade and Industry of Japan.

1. Theme of the Research and Development Project
"Research and development of CFC decomposition technology for effective use of energy"

2. Outline of the Research and Development Work to be Entrusted
In order to establish technology to decompose CFC for an incineration process compatible with existing commercial furnaces, NEDO will conduct elemental tests using a small-scale plant; CFC decomposition tests using a pilot plant; and overall evaluation tests using an existing commercial furnace.

3. Application Procedures
(1) Qualification Criteria
All companies or research organizations who meet the following qualification criteria may submit an application to participate in the above project.

a. The applicant must have previous research and development experience in the field covered by or related to the project, and possess the organizational structure, human resources, and research facilities required to carry out the project work.

b. The applicant must be in sound financial condition and have the ability to manage its finances and facilities as necessary to smoothly carry out the project work.

c. The applicant must be able to comply with NEDO's instructions, if such are necessary, to fully carry out the project work.

d. The applicant must be willing to bear fifty (50)% of the total cost of any work it is awarded under this project.

e. The applicant must have attended the explanatory meeting held by NEDO as set forth in item (2) below or been represented at the meeting by a responsible agent or representative who is capable of accurately conveying the contents of the meeting in detail.

(2) Explanatory Meeting
An explanatory meeting will be held on the date shown below in order for NEDO to fully explain the details of the project research and development work to be entrusted and the application documents to be submitted. All companies or research organizations who are interested in submitting an application to participate in the project are required to attend this meeting or to send an agent or representative to attend on their behalf. Japanese will be the only language used during the meeting.

Date:     Friday, July 5, 1996
Time:     14:00–15:00
Place:    NEDO Head Office
          Sunshine 60 Building, 31st Floor, Room 360
          3-1-1, Higashi-Ikebukuro
          Toshima-ku, Tokyo 170 Japan

(3) Further Information
For further information regarding the research and development work to be entrusted under the above project, please contact NEDO by facsimile as follows:

New Energy and Industrial Technology Development Organization
Contract Division, Accounting Department
28th Floor, Sunshine 60 Building
3-1-1, Higashi-Ikebukuro
Toshima-ku, Tokyo 170 Japan
FAX: TOKYO(03)-5992-1184
Professorship (C3)
for
Medical Physics and Biophysics
The German Cancer Research Center (DKFZ) and the Faculty of Medicine at the University of Heidelberg will jointly appoint a scientist as head of the Division of Medical Physics and Biophysics within the Research Program "Radiological Diagnostics and Therapy."

Applicants should have outstanding scientific records in applied medical physics in cancer research and should focus on biophysical methods in oncological diagnostics. Profound experience in MRT, CT, ultrasound or PET is anticipated. The successful applicant should contribute by innovative developments to the enlargement of the applicabilities and significance of biophysical methods in close collaboration with the other divisions of the Research Program. Sound technical equipment is offered for these tasks. "Habilitation" or equivalent scientific achievements are required; applications from female scientists are encouraged.

Please send your application with a curriculum vitae, a list of publications, and references by July 31, 1996 to:
Deutsches Krebsforschungszentrum, Stiftungsvorstand, Im Neuenheimer Feld 280, D-69120 Heidelberg, Germany.

Fundació irsiCaixa
The Foundation "irsiCaixa" seeks applications for a:
Senior Investigator
The "irsiCaixa" is a retrovirus research institute sited in the "Hospital Universitari Germans Trias i Pujol" in Barcelona, Spain. It is a private laboratory engaged in basic research in the field of retrovirology at cellular and molecular levels, with special emphasis on the in vitro responses to a variety of antiretroviral drugs.
Candidates should have attained national and international stature in the field of retrovirus experimentation at cellular and molecular levels, and have leadership qualities to motivate a multidisciplinary and multinational team. The position calls for a minimum of 4 years of experience in directing scientific research programs. International experience is essential. Excellent English is required. Spanish is optional.
The Senior Investigator's term is for 4 years, renewable, with an internationally competitive salary and bonus awards package. The successful candidate should preferably incorporate November 1st, 1996.
Submit nominations/applications to the address below not later than 15 July, 1996.
Fundació "irsiCaixa"
Hospital Universitari Germans Trias i Pujol
Badalona 08916
Barcelona
SPAIN
Voice: 34-3-465 63 74
Fax: 34-3-465 76 02
E-mail: irsi.caixa@bcn.servicom.es

Joint Lectureship in Education & Science
Faculties of Arts & Science
Vacancy UAC. 724
This is a new position. The appointment will be made jointly in the Department of Education, (Faculty of Arts) and whichever department in the Faculty of Science is most appropriate to the appointee's expertise.
Applicants should have a first and/or second degree in Science, preferably with a major in the biological sciences, chemistry or geoscience and advanced qualifications (PhD or equivalent) in education or science. An established record of research and teaching in science education is required.
Commencing salary will be established within the range NZ$42,500 - NZ$51,500 per annum.
Further information and Conditions of Appointment should be obtained from the Academic Appointments Office, The University of Auckland, Private Bag 92019, Auckland, New Zealand, phone 64-9-373 7999 ext 5790, fax 64-9-373 7023, email: appointments@auckland.ac.nz. Three copies of applications should be forwarded to reach the Registrar by 15 July 1996.
Please quote Vacancy Number UAC.724 in all correspondence.
W B NICOLL, REGISTRAR

New Zealand
The University has an equal opportunities policy and welcomes applications from all qualified persons.
The Division of Cancer Prevention and Control (DCPC), NCI, is accepting applications for the Cancer Prevention Fellowship Program (CPFP). 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 physicians and scientists interested in specialized instruction on the principles and practice of cancer prevention and control); working directly with individual preceptors at DCPC on cancer prevention and control projects; brief field assignments in cancer prevention and control programs at other institutions. Funding permitting, Fellows will be accepted for up to three years of training, beginning July 1, 1997. Benefits include selected relocation and travel expenses, paid federal holidays, and participatory 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 USMLE or ECFMG 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. 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
The applicant must be a U.S. citizen or resident alien eligible for citizenship within four years.

For details and an application catalog either call, fax, email, or send a postcard or letter with your name, home address, and where you heard about the program 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, Suite T-41
6130 Executive Blvd MSC 7105
Bethesda MD 20892-7105

Further inquiries: Mrs. Barbara Redding, Telephone: (301) 496-8640; Fax: (301) 402-4863; email: reddingb@dcpceps.nci.nih.gov

DEADLINE FOR RECEIPT OF APPLICATIONS: SEPTEMBER 1, 1996
NIH is an Equal Opportunity Employer
POSTDOCTORAL POSITION
Circadian Clocks and Photoreceptor Cell Biology

A POSTDOCTORAL POSITION is available to study the cellular/molecular aspects of the photoreceptor circadian clock in vertebrate retinae. The position is directed at identification and function of vertebrate "clock regulator" genes and at analysis of their role in rhythm generation. Position requires application of biochemical, molecular, and cell biological approaches using vertebrate photoreceptors. Send/FAX resume and references to: Dr. Joseph C. Besharse, Department of Anatomy and Cell Biology, The University of Kansas Medical Center, Kansas City, KS 66160-7400. FAX: 913.588.2710.

PROSCRIPT

A POSTDOCTORAL POSITION is available to study cell biology and protein production using cell-free systems. This position is available to study the molecular mechanism of virus-membrane fusion (Adv. Virus Res., 45:113-151, 1995). Experience in molecular biology, protein biochemistry, and/or virology required. Send curriculum vitae, summary of relevant experience, and names of three references to: Dr. Margaret Kielian, Department of Cell Biology, Albert Einstein College of Medicine, Jack M. White Building, 1300 Morris Park Avenue, Bronx, NY 10461. Email: kielian@accoum.edu. Equal Opportunity Employer. M/F/D/V.

POSTDOCTORAL POSITION

A POSTDOCTORAL POSITION is available to study the molecular mechanisms of single mechano-gated channels. Lab is focused on development/implementation of new physiological techniques (e.g., atomic force microscopy/optical tweezers). September 1, 1996 start. Salary competitive. Send curricular vitae and names of three references to: Dr. O. H. Hamill, Physiology and Biophysics, UTM, Galveston, TX 77555.

POSTDOCTORAL POSITION—Postdoctoral position is available immediately to study molecular mechanism of tumorigenesis, involving tumor suppressor genes and oncogene. Competitive salary depending on experience. Please send curriculum vitae with names and telephone numbers of three references to: Anne T'Ang, Ph.D., Associate Professor, University of Southern California, Children's Hospital Los Angeles, 4650 Sunset Boulevard, Mailstop Number 94, Los Angeles, CA 90027.

POSTDOCTORAL RESEARCH FELLOW (PGR) with experience in molecular biology or immunology and retrovirology to conduct research in HIV or CMV pathogenesis, or antiviral resistance. Position available immediately. Salary competitive. Send CV and names of two references to: Professor S. A. Spector, M.D., Professor, Department of Pediatrics & Center for Molecular Genetics, UCSF, 9500 Gilman Drive, La Jolla, CA 92037-0672. Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

RESEARCH PROFESSIONAL
Newport Beach, California

Allergan is a highly respected global leader in the development, manufacture, and marketing of pharmaceutical drugs for a variety of neurovascular disorders as well as eye and skin care. Join us as we continue to explore innovative approaches to glaucoma treatment with a focus on the delivery of ocular drug products, and receptor-selective retinoids. This position involves research into the regulation of irdial pigmentation, determination of structure-activity relationships of photoreceptor protein composition, and self-starting transduction, expression or transfected with human receptors, and receptor localization in tissues. We require a B.S. degree in biology or a related field and broad cellular and molecular biology knowledge. Experience in an area related to this position is required. Submit a letter of application, references, and a current CV to: Tibor T. Glant, M.D., Ph.D. Prof., Department of Biochemistry and Orthopedic Surgery, Rush University at Rush-Presbyterian St. Luke's Medical Center, 1653 West Congress Parkway, Chicago, IL 60612.

POSTDOCTORAL POSITION

Clinical Pharmacology/Pharmacokinetics of Antitumor Agents

The Mayo Cancer Center conducts an extensive developmental therapeutics program for the treatment of cancer. Our laboratory characterizes the pharmacology and metabolism of new agents and advances development into Phase I and II clinical trials. The laboratory is also funded to conduct preclinical pharmacology, metabolism, and mechanisms of action studies with new agents. Candidates should have a strong background in pharmacokinetics, metabolism, and/or pharmacology. Candidates with postdoctoral experience in the area of drug metabolism and/or pharmacokinetics and to conduct action studies with new agents. Send curriculum vitae, summary of research interests and experience, and names of three references to: Dr. Matthew M. Ames, Chair, Division of Developmental Oncology, Research, Department of Oncology, Mayo Clinic and Foundation, Rochester, MN 55905. Mayo Foundation is an Affirmative Action/Equal Opportunity Educator and Employer.

POSTDOCTORAL POSITION

available September 1, 1996 (available for up to four years) to study the sympathetic nervous system innervation of white adipose tissue (Adipose Tissue, 27:1571-1575, 1995) using a safe viral transneuronal tracer tract. Candidates should hold a Ph.D. in neuroscience, zoology, biology, or psychobiology, and have knowledge of immunocytochemistry and/or electron microscopy. The laboratory is interested in cellular and molecular mechanisms of neurotransmitter and of targets of nerve fibers. Applicants are expected to conduct research and teach courses. Send/FAX resumes to: Dr. Timothy J. Bartness, Departments of Psychobiology and of Biology. Email: bartness@gsu.edu. Georgia State University is an Equal Opportunity Educational Institution and is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION

To Study Telomere Structure and Function

Position available immediately in telomere biology lab. Applicant should have a Ph.D. in molecular biology, cell biology, or genomics. Experience in molecular biology, protein biochemistry, or enzymology required. Send curriculum vitae, description of research experience, and three reference letters to: Dr. Carolyn Price, Department of Chemistry, 610 Hamilton Hall, University of Nebraska, Lincoln, NE 68588. FAX: 402-472-9402. http://www.chl.unl.edu/price/price.html.

POSTDOCTORAL POSITION

available for the study of starch biogenesis in plants. Project includes biochemical and molecular analysis of cell wall, starch, and non-starch polysaccharides. Experience in molecular biology is essential and knowledge of carbohydrate chemistry is desirable. Ph.D. must have three years of experience. Send curriculum vitae, names of three references to: Dr. M. James and A. Myers, Department of Biochemistry and Biophysics, 2152 Molecular Biology Building, Iowa State University, Ames, IA 50011. FAX: 515-294-0453.

POSTDOCTORAL POSITION

The position is for an individual to study a newly identified DNA excision repair pathway, which is specific for UV-induced DNA damage and involves processes in molecular biology, yeast genetics, and/or biochemistry preferred. Send curriculum vitae and the names of three references to: Dr. Greg A. Freyer, Department of Environmental Science, Columbia University, NESC, 509 Northwest Corner, T-635, 701 West 168th Street, New York, NY 10032. Columbia University is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL RESEARCH SCIENTIST

Position available immediately to study molecular aspects of radioradia and radiation-induced changes in cell cycle progression in yeast and mammalian systems. Candidate should have a Ph.D. in molecular biology or a related field. Experience in J. Biol. Chem., 268:18277-18281, 1993), using the cell cycle, radiation/cell cycle interactions. Send curriculum vitae and names and addresses of three references to: Dr. H. B. Lieberman, Center for Radiological Research, Columbia University, 630 West 168th Street, New York, NY 10032, or are an Affirmative Action/Equal Opportunity Employer.
POSTDOCTORAL POSITION

Available immediately. This is an NIH-funded position to participate in a program project to comprehend the enigma of human galactosemia. A prime focus is galactose metabolism in a "knock-out" mouse model of galactose-1-phosphosphate uridylyltransferase deficiency in the human disease. Comprehending specific organ galactose toxicity and establishing a long-term hepatic cell line are principal aims. These animals will be used to initiate molecular approaches to gene therapy for the disorder. A background primarily in biochemistry and secondary in molecular biology would be helpful.

Per NIH guidelines, candidates must be citizens or permanent residents possessing a Ph.D. or M.D. Ph.D. candidates should send a letter of interest and curriculum vitae to: Dr. Vernon S. Bird, Department of Pediatrics, University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78284-7756.

An annual stipend is limited to U.S. citizens and permanent residents. The University of Texas Health Science Center at San Antonio is an Affirmative Action/EQUAL Opportunity Employer.

POSTDOCTORAL POSITIONS

Two NIH-funded POSTDOCTORAL POSITIONS are currently available in the laboratories of Dr. Madlyn Abramson, Department of Pediatrics, and Dr. Philip Pernian, Department of Pharmacology, Physiology, and Biophysics, Texas Health Science Center at San Antonio. Successful candidates will be involved in research on various aspects of cardiovascular and neural regulation. The successful candidates will work with Dr. Abramson on synaptic transmission and Dr. Pernian on regulation of cGMP metabolism in smooth muscle. Both laboratories are involved in using photo-receptor cell fusion to study the effects of neurotransmitters on synaptic transmission. The successful candidate must be proficient in cell culture and molecular biology techniques and have experience in the field of molecular biology. The successful candidate will be expected to develop independent research projects and to publish their results in peer-reviewed journals. Experience in the field of molecular biology and/or biochemistry is required.

Dr. Abramson offers a competitive salary and excellent benefits. Interested candidates should send a curriculum vitae, names of references, and a brief summary of research experience to:

Dr. Madlyn Abramson, Department of Pediatrics, Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78284-7756.

Dr. Pernian offers a competitive salary and excellent benefits. Interested candidates should send a curriculum vitae, names of references, and a brief summary of research experience to:

Dr. Philip Pernian, Department of Pharmacology, Physiology, and Biophysics, Texas Health Science Center at San Antonio, 7703 Floyd Curl Drive, San Antonio, TX 78284-7756.
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You'd be bananas to pass this up. Or is that zucchanas? Operon now offers a price of just $0.80 per base with a $10 set-up fee for synthesis of custom DNA on a 50 nmole scale. So you can afford to do more experiments and get more results.

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Quality DNA for just $0.80 per base. Now you don't have to settle for second best to save a bunch.

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Now the row and column pools for the Human BAC library are included with the DNA pools. These row and column pools add twenty-four 96-well plates to the existing set of DNA pool plates. The screening of the superpools will total 48 reactions, and the screening of the plate, row and column pools will total another 48 reactions. After only 96 total reactions, the researcher will have a complete clone address!

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<th>Catalog No.</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>96011</td>
<td>Human BAC DNA pools including row and column pools</td>
<td>$1,950.00</td>
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High density membranes allow for efficient hybridization screening of entire libraries. After spotting and growing, the high density membranes are processed by lysing the colonies and UV bonding the released DNA. Each 22cm x 22cm membrane is double spotted allowing unambiguous clone identification of over 27,000 clones double spotted on a single membrane.

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<td>96050</td>
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<tr>
<td>96055</td>
<td>High Density Human BAC Colony DNA Membranes</td>
<td>$1,750.00</td>
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