Announcements[1]

Employment and Fellowship Opportunities

Residency in Medical Genetics.—The Children's Hospital of Philadelphia/University of Pennsylvania School of Medicine training program has three positions available July 1, 1998, in our RRC-accredited medical genetics residency program. The program is a comprehensive academic medical genetics program whose clinical aspects are based in the pediatric and adult genetics services at the Children's Hospital of Philadelphia and the Hospital of the University of Pennsylvania. The clinical program is staffed by clinical geneticists and genetic counselors involved in extensive inpatient and outpatient services. The department provides graduate and postdoctoral research training and ABMG-accredited fellowship training in clinical cytogenetics, clinical molecular genetics, clinical biochemical genetics, and Ph.D. medical genetics. The residency program begins at the PGY-3 level or beyond. Address inquiries to Dr. Haig Kazazian, c/o Mrs. Regina Harvey, The Division of Human Genetics and Molecular Biology, The Children's Hospital of Philadelphia, 34th Street and Civic Center Boulevard, Philadelphia, PA 19104; fax (215) 590-3764; E-mail: reggie@mail.med.upenn.edu

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Endowed Chair in Pediatrics.—The Department of Pediatrics of the University of Oklahoma Health Sciences Center is recruiting for the Kimberly V. Talley Endowed Chair in Pediatric Genetics. The successful candidate will assume administrative responsibilities, promote faculty development, teach students and residents, and develop an extramurally-funded research program as Chief of the Section of Genetics. At least two additional investigator positions are available; laboratory space is in the new Stanton L. Young Research Building. The clinical program is at The Children's Hospital of Oklahoma. This is a tenured faculty position at the assistant professor level or higher. Send a letter of interest, curriculum vitae, and names and addresses of three references to Dr. Terrence L. Stull, Chairman, Department of Pediatrics, The Children's Hospital of Oklahoma, 940 N.E. 13th Street, Room 2308, Oklahoma City, OK 73104. The University of Oklahoma is an equal opportunity/affirmative action employer.

Cytogenetics Laboratory Director.—The regional genetics program based at The Credit Valley Hospital in Mississauga, Ontario, Canada, is seeking applicants for the position of cytogenetics laboratory director. Candidates must be eligible for membership in the Canadian College of Medical Geneticists or for certification by the American Board of Medical Genetics. Canadian citizenship, landed immigrant status, or eligibility for Trade NAFTA status is required. Submit a letter of interest, curriculum vitae, and list of references to Dr. S. A. Farrell, Division of Genetics, The Credit Valley Hospital, 2200 Eglinton Avenue West, Mississauga, Ontario, Canada L5M 2N1.

Cytogenetics Supervisor.—West Virginia University Hospital seeks a supervisor in an expanding cytogenetics laboratory. Candidates must have a B.S. degree in Medical Technology or related science (i.e., chemistry, biology, microbiology); be CLSP (CG) Certified, and have at least 5 years' experience as a technologist in a cytogenetics laboratory. Previous supervisory and CVS/bone marrow experience preferred. WVUH offers a compet-

1. Announcements are published free of charge for members of The American Society of Human Genetics (ASHG). Please mail announcements to The American Journal of Human Genetics, Department of Pathology, Box 357470, University of Washington, Seattle, WA 98195-7470; fax them to (206) 685-9684; or send via E-mail to ajhg@u.washington.edu. Submission must be received *at least 7 weeks* before the month of issue in which publication is requested. They must be double spaced with a 1½-inch margin on all sides. The maximum length is *250 words*, excluding the address for correspondence. Please include a cover letter indicating the name of the sponsoring ASHG member.

itive salary and an outstanding benefits package, including tuition reimbursement, dental/vision account, child care assistance, and on-site day care center. Please E-mail, fax, or mail resume to West Virginia University Hospitals, Personnel Services, Dept. 8121, Morgantown, WV 26506-8121; phone (304) 598-4075; fax (304) 598-4264; E-mail: stevensd@rcbhsc.wvu.edu

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Clinical Cytogeneticist.—Co-director of the Clinical Cytogenetics Laboratory at the University of Utah Health Sciences Center. The successful candidate will have a faculty appointment in the Department of Pediatrics with rank based on academic experience. The department's mission is "to improve the lives of children through excellence in advocacy, education, research, and clinical care." The rapidly expanding laboratory involves diagnostic testing in the full spectrum of cytogenetic services, including children and adults, cancer, prenatal, and molecular cytogenetic testing. Applicants should be certified in clinical cytogenetics by the American Board of Medial Genetics and have experience in the direction and management of a cytogenetics laboratory. Send a curriculum vitae, brief cover letter, and names and addresses of three references to Dr. Arthur R. Brothman, Director of Cytogenetics, Department of Pediatrics, 1C204 SOM, University of Utah Health Sciences Center, Salt Lake City, UT 84132. The University of Utah is an equal opportunity/affirmative action employer and encourages applications from women and minorities.

Clinical Cytogeneticist.—The Clinical Cytogenetics Laboratory at The Children's Mercy Hospital in Kansas City, MO seeks applications for the position of assistant director. Candidates must be American Board of Medial Genetics eligible/certified in clinical cytogenetics, and another area is desirable. The laboratory processes 700 prenatal, 700 blood, 650 bone marrow, and 250 products of conception yearly, in addition to 300 FISH studies. The assistant director must possess excellent communication skills, an interest in clinical and basic research, and experience with CVS specimens. In addition, he or she will be responsible for the CQI activities and educational program of the laboratory. Send a curriculum vitae, statement of professional and research goals, and list of three references to Dr. Linda M. Pasztor, Director of Cytogenetics, The Children's Mercy Hospital, 2401 Gillham Road, Kansas City, MO 64108; phone (816) 931-8686; fax (816) 753-1307.

Faculty Positions in Human and Mammalian Genetics.—The Division of Human Genetics and Molecular Biology of the Children's Hospital of Philadelphia, Department of Pediatrics of the University of Pennsylvania School of Medicine, is recruiting for two tenure-track positions. The first is for an assistant professor of pediatrics, a physician scientist, who will have clinical and research responsibilities. The applicant for this position should have both an M.D. and a Ph.D. degree and have demonstrated clinical and research expertise in the molecular genetics of human disease. The applicant should be board-certified or eligible in clinical genetics and clinical cytogenetics by the American Board of Medical Genetics. The second position is for a mammalian geneticist with expertise in mouse genetics/genomics who has an established research program. This position is open to investigators with a Ph.D., M.D., or M.D./Ph.D. degrees. This position will be filled by an investigator at the associate or full professor of pediatrics level, depending upon the qualifications of the applicant. Attractive laboratory space in a new research building and additional resources are available. The University of Pennsylvania is an equal opportunity, affirmative action employer. Women and minorities are encouraged to apply. Send a curriculum vitae, including bibliography, statement of research interests, and names and addresses of three references to Dr. Beverly S. Emanuel, Director, Division of Human Genetics and Molecular Biology, Children's Hospital of Philadelphia, Room 1002 Abramson Research Building, 34th and Civic Center Boulevard, Philadelphia, PA 19104.

Research Scientist.—University of Washington. To perform identification and isolation of factors that are involved in cell-fate determination during hematopoiesis; functional characterization of these putative factors in an in vitro cell culture system; characterization of the gene structure corresponding to these isolated factors; and mutation analyses of genes encoding these putative factors in correlated genetic diseases. Requires master's degree in medical genetics, biotechnology, or molecular biology and at least 5 years' demonstrated professional research experience in one of those fields. Requires competence with DNA techniques, including cloning; large-scale DNA sequencing and data analysis; genomic and cDNA library construction; Southern blot analysis with auto-radiography; physical mapping of BAC genomic DNA and DNA array; RNA techniques including isolation of RNA, Northern blot analysis; RT-PCR; in vitro riboprobe preparation; and in situ hybridization. Protein techniques are also required, including expression of protein in both bacteria and mammalian cells, purification of protein, SDS/PAGE, and Western blot analysis. Tissue culture technique and in vitro cell differentiation technique are also required. Salary is commensurate with experience and education. To apply, send a resume or curriculum vitae, with a cover letter describing relevant

experience and education, to Betsy R. Connell, Administrator, Department of Molecular Biotechnology, Box 357730, 1705 N. E. Pacific Street, K-355, Seattle, WA 98195; fax (206) 685-7301. The University of Washington is an equal opportunity/affirmative action employer.

Courses

Human Teratogens: Environmental Factors Which Cause Birth Defects.—To be held April 30–May 2, 1998. Sponsored by Massachusetts General Hospital, under the direction of Dr. Lewis B. Holmes and Associates. The cost is $485 for physicians and scientists and $300 for genetic counselors and nurses. For more information, contact the Harvard Medical School Department of Continuing Education at (617) 432-1525.

Genetic Analysis Methods for Medical Researchers.—To be held April 5–8, 1998, at The R. David Thomas Center at Duke University, Durham, NC. This intensive four-day course centers on mapping human genetic diseases with emphasis on the mapping of complex/common disease phenotypes. The curriculum covers the entire disease mapping process: developing and integrating clinical classification, pedigree collection, statistical genetic analysis, and molecular analysis. The course emphasizes the global decision-making process and overall study design. A residential conference center setting promotes extensive interaction between the students and faculty. Deadline for completed applications is February 3, 1998. For information, write Dr. Margaret A. Pericak-Vance, Box 3445, Duke University Medical Center, Durham, NC 27710, or contact Ms. Valorie Roberts, Course Administrator, phone (919) 684-2470; fax (919) 684-2275; E-mail: genclass@genemap.mc.duke.edu; Website: http://www.mc.duke.edu/depts/genetics/courses/index.html

Aging-Cell Repository

Unique Resource for Cellular Aging Research.—The National Institute on Aging (NIA) Aging Cell Repository has available for distribution human skin fibroblast cultures from subjects participating in the Baltimore Longitudinal Study of Aging (BLSA). The goal of this study, initiated in 1958 to permit repeated observations of the same subjects over time, is to quantify true age changes and to elucidate the mechanisms underlying the aging process. Over the course of this study, biopsies—in some cases repeated biopsies—have been collected from the same anatomical site of both male and female participants. Cultures established from these biopsies have been characterized cytogenetically and an in vitro lifespan has been determined for each. The collection, which contains over 535 cultures, includes 125 females and 410 males, ranging in age from 17 to 96. For more information, or for a Repository catalog, contact The NIA Aging Cell Repository, Coriell Cell Repositories, Coriell Institute for Medical Research, 401 Haddon Avenue, Camden, NJ; phone (800) 752-3805 within the United States, (609) 757-4848 from other countries; fax (609) 757-9737.

Somatic-Cell Hybrid Mapping Panel

Human/Rodent Somatic Cell Hybrid Mapping Panel #2 Version 3.—The National Institute of General Medical Sciences (NIGMS) Human Genetic Mutant Cell Repository has a new version of Mapping Panel #2 available for distribution as cell cultures or DNA. Version 3 consists of 24 human/rodent somatic cell hybrids, each retaining an intact human chromosome. In Version 3, the original hybrids retaining human chromosomes 6 and 14 have been replaced. The new monochromosomal hybrid for chromosome 6, GM/NA11580, is a human/mouse hybrid in which 100% of the cells retain the human chromosome; the monochromosomal hybrid for chromosome 14, GM/NA11535, is a human/mouse hybrid in which 92% of the cells retain the human chromosome. The panel has been characterized by (1) G-banded chromosome analysis, (2) in situ hybridization using biotinylated total human DNA, (3) Southern blot hybridization, and (4) PCR analysis. Information about these cultures and DNA is available via the World Wide Web (http://arginine.umdnj.edu/coriell/nigms.htm) or by contacting the Repository at The NIGMS Human Genetic Mutant Cell Repository, Coriell Cell Repositories, Coriell Institute for Medical Research, 401 Haddon Avenue, Camden, NJ 08103; phone (800) 752-3805 in the United States, (609) 757-4848 from other countries; fax (609) 757-9739; E-mail: ccr@arginine.umdnj.edu

Tissue Resource

Breast Cancer Tissue Resource.—More than 7,000 specimens of formalin-fixed, paraffin-embedded primary breast cancer tumors, paired with normal tissue from the same patient and associated clinical and outcome data, are now available for study through the NIH/NCI sponsored Cooperative Breast Cancer Tissue Resource (CBCTR). Each case submitted to the CBCTR has been reviewed by a pathologist at one of the participating institutions (University of Miami, Miami, FL; Fox Chase Cancer Center, Philadelphia, PA; Kaiser Permanente, Northwest Region, Portland, OR; Washington University, St. Louis, MO) using standardized pathology criteria and coding scheme. Tissue sections will be prepared to meet the requirements of individual research proto-

cols. If applicants require additional pathological evaluation or clinical information beyond that normally provided, CBCTR participants are available to establish collaborations. A searchable database that includes numerous characteristics of the tissue samples and clinical data is publicly available via the CBCTR Website (http://www.cbctr.ims.nci.nih.gov). To obtain tissue and related information, send a brief letter of intent. For more information, visit the CBCTR Website or contact Ms. Sherrill Long, Information Management Services, Inc., 12501 Prosperity Drive, Silver Spring, MD 20904; phone (301) 680-9770.

Career Development Program

Genetics and Disease Prevention Career Development Program.—The Association of Teachers of Preventive Medicine (ATPM) and the Centers for Disease Control and Prevention (CDC) announce five career development training positions in the application of genetics in disease prevention and health promotion. Areas of concentration include genetic and molecular epidemiology; laboratory sciences; and public health policy and ethical, legal, and social issues. Awardees will be assigned for a two-year period at the CDC, specializing in a particular health area such as chronic disease, environmental health, infectious disease, health statistics, or public health. Located in either Atlanta or NIOSH in Morgantown, WV. Applicants should have an M.D. or Ph.D. Experience in human or medical genetics or laboratory aspects of genetics is encouraged but not required. First-year stipend $57,900, second-year $59,000. For information contact Angela Acquista, ATPM, 1660 L Street N.W., Suite 208, Washington, DC 20036; phone (202) 463-0550; E-mail: ada@atpm.org. Application deadline is January 12, 1998.