ANNOUNCEMENTS[1]

Employment Opportunities

Clinical Cytogeneticist.—AmeriPath Esoteric Institute (AEI) in Shelton, CT, seeks a clinical cytogeneticist for their full-service cytogenetics laboratory. The candidate must possess a Ph.D. or an M.D. and must be board certified (or eligible) in clinical cytogenetics by the American Board of Medical Genetics. The successful candidate will share sign-out responsibilities for the expanding AEI clinical laboratory. Duties will include case review, karyotype interpretation, report writing/physician contact, and sign-out of bone marrow, prenatal, blood, and product-of-conception samples. Excellent writing and communication skills are required. Experience with FISH is a plus. Flexible scheduling opportunity available for the right candidate. AEI is a rapidly expanding facility, with an emphasis on hematopathology. It includes state-of-the-art cytogenetics/FISH, flow cytometry, immunohistochemistry, and histology laboratories. The laboratory is conveniently located near scenic Long Island Sound, where classic New England coastal communities offer many exciting activities, from boating and beaches to exhibits and the arts. New York City is an hour away. AEI offers an above-market benefits package, including a 401(k) plan with a company-matching contribution; health, dental, and vision insurance; and tuition reimbursement. Relocation assistance may be available. Salary will be commensurate with experience. Send cover letter and resume by e-mail (swargo@ameripath.com) or by fax (203-447-8666). Please visit our Web site (http://www.ameripath.com). AEI is an equal opportunity employer.

Director of Clinical Cytogenetics.—The Center for Human Genetics at Boston University School of Medicine is seeking applications for the position of Director of Clinical Cytogenetics. The candidate must have a Ph.D. or an M.D. and must be certified by the American Board of Medical Genetics in clinical cytogenetics. Experience with diagnostic cytogenetics is required, as well as management skills to guide and oversee a large, experienced technical staff. Demonstrated interest in research is necessary in this academic center, as well as teaching ability. Experience in molecular genetics would be especially valued. The academic appointment and salary will be commensurate with qualifications and experience. A very good benefits package is provided by the University. Please forward a curriculum vitae to Aubrey Milunsky, M.D., D.Sc., Director, Center for Human Genetics and Professor of Human Genetics, Boston University School of Medicine, 715 Albany Street, Boston, MA 02118; fax: (617) 638-7092; e-mail: amilunsk@bu.edu. Boston University is an affirmative action/equal opportunity employer.

Assistant Professor in Behavioral/Mathematical Genetics.—The Institute for Behavioral Genetics at the University of Colorado, Boulder, seeks to build additional expertise in mathematical/statistical genetics. We invite applications for a tenure-track position with a joint appointment in an appropriate academic department. Preference will be given to candidates with an active research program involving the development of mathematical genetics methods that can be applied to the study of behavioral traits. The appointee will participate in the research and teaching missions of both the Institute and his or her academic department. The minimum requirement is a Ph.D., M.D., or equivalent degree. Applicants should submit a curriculum vitae, a statement of research and teaching interests, sample research papers, and at least three letters of recommendation to Search Committee (Faculty), Institute for Behavioral Genetics, University of Colorado, 447 UCB, Boulder, CO 80309-0447. Inquiries should be addressed to Michael Stallings, Search Committee Chair, by telephone (303-492-2826) or by e-mail (Michael.Stallings@Colorado.edu). Application review will begin December 1, 2006, and the position will remain open until filled. The appointment is expected to begin in August, 2007. The University of Colorado, Boulder, is committed to diversity and equality in education and employment.

Fellowships in Clinical Genetics.—The Children's Hospital of Philadelphia, a leader in academic and clinical pediatrics training, currently has fellowship positions available in the field of clinical genetics beginning in July, 2007. Successful applicants will have an M.D. or equivalent degree and will be certified by the United States Medical Licensing Examination (USMLE) steps 1, 2, and 3, as the USMLE is required for Pennsylvania licensure. Applicants to the fellowship program must have completed residency training in an accredited training program. The training program at The Children's Hospital of Philadelphia includes both inpatient and outpatient care in the areas of pediatric dysmorphology, metabolism, prenatal medicine, cytogenetics, and cancer genetics, as well as adult genetic disorders. A comprehensive research-based experience is also provided. The fellowship program encompasses 3

1. Announcements are published free of charge for members of The American Society of Human Genetics (ASHG). Please e-mail announcements to ajhg@ajhg.net. 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 $1\frac{1}{2}$-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.

years of training: 1 year of clinical work and 2 years in a research lab. To apply, send your curriculum vitae, a summary of your genetics interests, and the names of three references to Ian Krantz, M.D., c/o Regina Harvey, The Children's Hospital of Philadelphia, RM 1002 ARC, 3615 Civic Center Boulevard, Philadelphia, PA 19104-4399; e-mail: harveyr@email.chop.edu

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Postdoctoral Fellowship in Sydney, Australia.—A vacancy exists with the Plunkett Chair of Molecular Biology (Medicine) at the University of Sydney (Australia) for a postdoctoral fellow who will conduct high-level independent research into the functional analysis of human genetic variants. Our laboratory is generally interested in understanding how the human genome—in conjunction with the environment—produces the multitude of human phenotypes. We are particularly interested in the contribution of human genetic variation to common, complex, significant public-health problems. We also have an interest in understanding the genetics of human metabolism and the genetic variation thereof. Finally, we will focus heavily on the functional consequences of human genetic variants. For more details, see Professor Juergen Reichardt's Web site (http://www.medfac.usyd.edu.au/people/academics/profiles/jreichardt.php). For a copy of the duty statement, contact Ms. Christine Cargill (ccargill@med.usyd.edu.au). All applications must be completed online. Specific enquiries about the role can be directed to Margaret Baker by telephone: +61 (0)2 9036 7298.

Senior Research Scientist.—The Tulane Cancer Center and the Louisiana Cancer Research Consortium seek Ph.D.-level (or equivalent) candidates who are knowledgeable in genomics, cytogenetics, and molecular genetics. The successful candidate will manage all efforts related to the Genomics Core Facility and will play a key role in developing the Core for the Tulane Cancer Center and the Louisiana Cancer Research Consortium, a partnership between Louisiana State University and Tulane University Health Sciences Centers that is being developed for eventual designation by the National Cancer Institute as a Cancer Center. Duties will include designing, performing, and interpreting experiments; record keeping; training new laboratory personnel; ordering for and stocking the Core; and management of the Core's financial records. The successful candidate will have 3–5 years of relevant experience, as well as good verbal and written communication skills in English, and must be able to obtain a United States work permit. Please submit a curriculum vitae and three letters of reference to Marilyn Li, M.D., Director of Genetics/Genomics Core Laboratory of the Louisiana Cancer Research Consortium, c/o K. Green, Tulane Cancer Center, 1430 Tulane Avenue, SL-68, New Orleans, LA, 70112; e-mail: kgreen2@tulane.edu. Tulane University is an EEOC employer.

Clinical Geneticist.—The Nemours Children's Clinic, a pediatric subspecialty clinic in Orlando, FL, is recruiting a clinical geneticist for a new position in the Division of Genetics and Metabolism. The division is currently staffed by two clinical geneticists, a genetic counselor, and a metabolic nutritionist. We are the primary provider of pediatric genetics and metabolic services to a population of 2–3 million in Central Florida. This position is a full-time clinical position with educational responsibilities. Clinical research is actively supported by Nemours. The applicant must have pediatric experience and must be board-certified or board-eligible in clinical genetics. Certification in clinical biochemical genetics or an interest in the management of inborn errors of metabolism is highly desirable. Interested applicants should send a letter of interest, a curriculum vitae, and references to John McReynolds, M.D., Division of Genetics and Metabolism, Nemours Children's Clinic, 83 West Columbia Street, Orlando, FL 32806; e-mail: jmcreynolds@nemours.org. The Nemours Children's Clinic is an equal opportunity employer.

Course

Genetic Analysis of Complex Human Diseases.—"Genetic Analysis of Complex Human Diseases" is the title of a comprehensive 4-day course directed toward physician-scientists and other medical researchers, to be held March 4–8, 2007, at the R. David Thomas Executive Conference Center on the Duke University campus in Durham, NC. The course will introduce state-of-the-art approaches for the mapping and characterization of human inherited disorders, with an emphasis on the mapping of genes involved in common and genetically complex disease phenotypes. The overall focus is on gaining a broad-based understanding of the problems and solutions involved with the design and execution of disease gene–mapping projects using Human Genome Project resources. The course is being co-organized by Duke University's Center for Human Genetics and Vanderbilt University's Program in Human Genetics. One of its goals is to instruct participants about the necessary steps and procedures used in ascertaining, collecting, and databasing pedigree, demographic, family history, environmental risk factor, and clinical information for genetic disease-mapping studies. The impact of genetic research on patients and their families will also be discussed. Another goal is to provide background information in the basic techniques of linkage analysis. This discussion will include problems and confounding issues that commonly arise. Another goal is to provide an introduction to the various strategies, designs, and methods of analysis needed to dissect the genetic bases of common and genetically complex (e.g., multifactorial or polygenic) traits. Examples will be drawn from

successful applications in human genetic disease. Discussions will include current approaches to both qualitative- and quantitative-trait phenotype assignment, methods of analysis, interpretation, follow-up and refinement of the preliminary linkage and/or association data, investigation of power, examination of heterogeneity, introductory microarray gene-expression analysis, and gene/gene and gene/environment interactions. This course will not include any bench or "wet" laboratory experience. Another goal is to introduce newly evolving methodologies from the laboratory and statistical analysis perspectives, including SNP mapping and gene-expression (e.g., microarray) analysis. Also, the course will incorporate discussion of the participants' individual research interests. Participants will be encouraged to bring preliminary information and/or data for both formal and informal group discussion and instructor consultation. Participation in the course is limited to 35 students and will depend on completion of an application form that describes the applicant's background and research interests. All participants will need to show evidence of a postgraduate genetics course or the equivalent. Participants must provide a brief statement describing their research interests, their reason for taking the course, and their long-term objectives in relation to the course curriculum. This information will be used to select a highly motivated participant group. Minority and women applicants are specifically encouraged to apply. A limited number of scholarships are available for registered students or fellows. Scholarship selection will be based on the strength of the individual applications. Travel arrangements are the responsibility of the course participants. Raleigh/Durham International Airport is serviced by all major airlines. Transportation to and from the airport will be provided and is included in the total fee. Faculty will include Allison Ashley-Koch, Ph.D. (Duke); Arthur S. Aylsworth, M.D. (University of North Carolina–Chapel Hill); John Gilbert, Ph.D. (Duke); Simon Gregory, Ph.D. (Duke); Jonathan Haines, Ph.D. (Vanderbilt); Elizabeth R. Hauser, Ph.D. (Duke); Chun Li, Ph.D. (Vanderbilt); Eden R. Martin, Ph.D. (Duke); Margaret Pericak-Vance, Ph.D. (Duke); Silke Schmidt, Ph.D. (Duke); William K. Scott, Ph.D. (Duke); Marcy C. Speer, Ph.D. (Duke); Jeffery M. Vance, Ph.D., M.D. (Duke); and Stephan Züchner, M.D. (Duke). For more information, access our Web site (http://wwwchg.duhs.duke.edu/education/index.html) or contact Vivian Scales, Course Administrator, Duke University Medical Center, Box 3445 or 595 LaSalle Street, Durham, NC 27710; telephone: (919) 684-0735; fax: (919) 684-0931; e-mail: vivian.scales@duke.edu. The application deadline is January 12, 2007.