The Biostatistics Branch (BB) in the Division of Cancer Epidemiology and Genetics (DCEG), National Cancer Institute (NCI), National Institutes of Health (NIH), Department of Health and Human Services (DHHS), is recruiting for a new position at the tenure-eligible or tenure-track investigator level. BB investigators are funded by the Intramural Research Program (IRP) to develop independent investigator initiated statistical research programs that are innovative and important to promoting epidemiologic cancer research. BB statisticians collaborate in a diverse range of DCEG studies, including etiologic and molecular studies of occupational, environmental, and lifestyle factors; studies of descriptive and clinical epidemiology; and in prevention studies that are fertile areas to engage in statistical methodological and quantitative epidemiological research. Some areas of research in which the Branch is currently involved are efficient study designs for cohort and case-control studies, genetic association studies based on modern genotyping and sequencing technologies, identifying and describing interactions among genetic and environmental factors, development and validation of absolute risk models, and addressing errors in exposure and clinical measurements. We anticipate increasing opportunities for research and applications in high-dimensional data analysis and statistical computing, Bayesian methods, quality control of laboratory measurements, causal inference and methods for studies with serial biomarker measurements, and risk factor variables from interview and medical record data, including incorporating time windows of exposure and methods for dealing with measurement error in environmental and occupational studies.

We seek qualified applicants with interest in enhancing the scientific and public health effort of cancer research. Applications will be evaluated on past performance and potential to develop a creative, independent, program of research on statistical methods is required. Publications documenting collaborative research in epidemiologic, clinical, biomedical, or biological sciences are highly desirable. The successful candidate should have a doctorate in biostatistics, statistics or a related field, knowledge of the basic approaches used in cancer epidemiology, and knowledge of biostatistical theory and methods. A record of publications demonstrating an ability to conduct independent research on statistical methods is required. Publications documenting collaborative research in epidemiologic, clinical, biomedical, or biological sciences are highly desirable. The successful candidate should be able to communicate effectively with non-statistical collaborators and to publish scientific and statistical papers relevant to medical research. Applicants at the tenured level will be leading experts in biostatistical methodology and/or quantitative modeling of cancer risks associated with genetic or environmental factors. All Investigator positions in the IRP of NIH are supported by “hard money”. The successful candidate will receive salary commensurate with his/her level of experience and additional support for computer programming assistance and for recruiting and supporting post-doctoral/pre-doctoral fellows. Interested individuals should electronically send a cover letter; curriculum vitae and bibliography; a brief summary of research experience, accomplishments and research interests and goals; copies of three publications or preprints and three letters of reference to:

Ms. Linda Littlejohn
Division of Cancer Epidemiology and Genetics
National Cancer Institute
6120 Executive Blvd. EPS/8078
Bethesda, MD 20892
Email: littlej@mail.nih.gov

The letters of recommendations should be sent directly to Ms. Littlejohn. Candidates should submit applications by February 15th, 2012; however, the search will continue until a qualified candidate is found. Additional information about staff and ongoing research in the Division of Cancer Epidemiology and Genetics and in the Biostatistics Branch is available at http://www.dceg.cancer.gov. Please contact Dr. Nilanjan Chatterjee (phone 301-402-7933 or chatterjni@mail.nih.gov), Chief of the Biostatistics Branch, for questions about the position.

The Department of Health and Human Services and the National Institutes of Health are Equal Opportunity Employers.
LETTERS TO THE EDITOR

84 Re: “Application of a repeat-measure biomarker measurement error model to 2 validation studies: Examination of the effect of within-person variation in biomarker measurements.” Kevin W. Dodd, Douglas Midthune, and Victor Kipnis

85 The Authors Reply. Donna Spiegelman, Walter C. Willett, Sarah R. Preis, David J. Baer, Alanna Moschel, and Barbara Braun Zhao

86 Re: “From emergence to eradication: The epidemiology of poliomyelitis deconstructed.” José Ramón Cruz

The Authors Reply. Olen M. Kew and Neal Nathanson

Instructions to Authors can be found on the following website: http://aje.oxfordjournals.org/.