Tenure-Track/Tenure-Eligible Investigator Position in Biostatistics

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 tenure-track/tenure eligible position. BB statisticians develop statistical research programs and actively collaborate both in cutting-edge studies of genetic, lifestyle, and other environmental causes of cancer, as well as in studies of cancer prevention, descriptive and clinical epidemiology. Statistical research is typically motivated by challenges encountered in DCEG studies, such as choosing an efficient study and sampling design, optimally combining data from multiple sources such as electronic medical records, genetic data bases, disease and bio-specimen registries, as well as designing validation studies and methods to evaluate and correct for measurement error in exposures and disease outcomes. The branch has active methodological research programs in areas that include 1) absolute risk prediction, 2) analysis of longitudinal and survival data, 3) analysis and temporal and spatially related incidence data, and 4) the analysis of “omics” data that includes the analysis of data from cutting-edge next generation sequencing.

We anticipate increasing opportunities for methodological and applications research in the analysis of complex biomarker and exposure related data, longitudinal and correlated data, as well as in high-dimensional data analysis including “omics” data integration. However, because of the breadth of the problems we face, we seek qualified applicants with all areas of statistical expertise in methods, including but not restricted to semiparametric and survival analysis, functional data analyses, missing data and causal inference, Bayesian and non-Bayesian computations, and network theory.

Applications will be evaluated on demonstrated potential to develop a creative, independent program of statistical research applicable to cancer epidemiology and genetics, and to collaborate effectively on epidemiologic studies. Applicants 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 have strong communication skills to discuss scientific issues with non-statistical colleagues and to write scientific papers.

Salary is commensurate with research experience and accomplishments. The incumbent will receive research support from the intramural research program of NIH for computer programming and recruiting a post-doctoral fellow. Interested individuals should 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
9609 Medical Center Drive, Suite 7E328, MSC 9775
Bethesda, MD 20892-9775
Email: NCIDCEGOMR@mail.nih.gov

The closing date for applications is February 28, 2017.

Please contact Dr. Paul Albert (phone 240-276-7593 or albertp@mail.nih.gov) for questions about the position.

DHHS, NIH, and NCI are Equal Opportunity Employers.