



**NATIONAL
CANCER
INSTITUTE**

**Department of Health and Human Services
National Institutes of Health
National Cancer Institute
Division of Cancer Epidemiology and Genetics
Biostatistics Branch
Tenure-Track Investigator**

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 position to work on methods development and applications in a highly collaborative and data-rich environment with one-of-a-kind data and computational resources.

BB investigators develop novel analytical approaches from cutting-edge scientific challenges faced by epidemiological studies to identify and characterize environmental and genetic determinants of cancer risk, as well as clinical and cancer prevention studies. These challenges include choosing an efficient study and sampling design, integrative analyses of high-dimensional, time-dependent data such as data derived from electronic medical records, geographical/spatial statistics, biosensors, omic technologies to measure biomarkers, genomics, as well as designing validation studies and methods to evaluate and correct for measurement error in exposures and clinical outcomes.

The successful applicant will have opportunities to work on a wide range of analytical challenges because of the breadth and depth of our program. They will develop an independent-initiated methodological research program that will focus on solving statistical challenges in cancer epidemiology and/or genetics. Opportunities to hire postdoctoral fellows and computational support will be provided. Of particular interest, applicants focus on methodological and applications research in high dimensional and integrative data, spatial data analysis, and causal inference. We seek qualified applicants with all areas of statistical expertise in methods, including but not restricted to semiparametric and survival analysis including competing risks, functional data analyses, 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. The ideal candidate will have the opportunity to build an innovative research program that takes advantage of the highly collaborative and data-rich environment of DCEG. Applicants should have a doctorate in biostatistics, statistics or a related field, knowledge of the basic approaches used in cancer epidemiology. 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.

The incumbent will receive research support from the intramural research program of NIH for computer programming and recruiting a post-doctoral fellow. Selection for this position will be based solely on merit, with no discrimination for non-merit reasons such as race, color, religion, gender, sexual orientation, national origin, political affiliation, marital status, disability, age, or membership or non-

membership in an employee organization. NIH encourages the application and nomination of qualified women, minorities and individuals with disabilities. NIH provides reasonable accommodations to applicants with disabilities. If you require reasonable accommodation during any part of the application and hiring process, please notify us. The decision on granting reasonable accommodation will be made on a case-by-case basis. This position is subject to a background investigation. Salary is commensurate with research experience.

Interested individuals should send a cover letter; curriculum vitae and bibliography; please include in your CV a description of your mentoring and outreach activities, especially those involving women and persons from racial/ethnic or other groups that are underrepresented in biomedical research, 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
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Email: NCIDCEGOMR@mail.nih.gov

The review of applications will begin on or about February 29, 2020, but applications will be accepted until the position is filled.

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