



Scientific Investigator

Biometric Research Program, National Cancer Institute

Department of Health and Human Services

National Institutes of Health

National Cancer Institute

Biometric Research Program

The Biometric Research Program (BRP) of the National Cancer Institute is seeking candidates with a Ph.D. in statistics, biostatistics, computational biology or a related field. The BRP consists of a Biostatistics Branch and a Computational and Systems Biology Branch. The latter branch is multi-disciplinary consisting of individuals with backgrounds in statistics, bioinformatics, computational biology, cancer biology, computer science, biomedical engineering and pharmacology. Investigators in the Program conduct research in statistical and computational methods on topics that range from facilitating the understanding of the genomics and molecular pathogenesis of tumors and their responsiveness to treatment, to methods that enhance the conduct of genomics driven clinical trials of new therapeutic and diagnostic approaches. Investigators in the Biostatistics Branch collaborate in the national research programs of the NCI in clinical trials involving new treatments, developmental diagnostics, and diagnostic imaging. Investigators in the Computational and Systems Biology Branch emphasize the analysis of next-gen sequencing and gene expression data to understand the determinants of treatment sensitivity.

BRP offices are located in the suburbs of Washington D.C. on the NCI Rockville, MD headquarters, 15 minutes from the NCI/NIH Bethesda campus. Candidates must be U.S. citizens. Multiple positions are available. Experience with next-gen sequencing and biological data or in the statistical methodology of clinical trials is advantageous. Strong computing and communication abilities are essential. This is a pre-vacancy announcement to gauge interest. Individuals should send their resume and a statement of interest to Dr. Richard Simon, Chief BRP, at rsimon@nih.gov. Additional information is at <http://brb.nci.nih.gov>. DHHS, NIH and NCI are Equal Opportunity Employers.

About Biometric Research Program, National Cancer Institute

The Biometric Research Program (BRP) consists of a Biostatistics Branch and a Computational & Systems Biology Branch. Its members have responsibilities for participating in the national research programs of the division in developmental therapeutics, developmental diagnostics, diagnostic imaging, and clinical trials to evaluate therapy. The members of the Program also conduct research in biostatistics, bioinformatics and computational biology on topics ranging from methodology to facilitate understanding at the molecular level of the pathogenesis of cancer to methodology to enhance the conduct of clinical trials of new therapeutic and diagnostic approaches.

Posted: October , 2015

Location: Rockville, Maryland

Salary: Open

Type: Full Time - Experienced

Categories: Applied Statistics, Biometrics/biostatistics, Mathematical statistics

Required Education: Doctorate

PhD in statistics or biostatistics

US citizen