**Position Title:** Post-Doctoral Research Fellow - Statistical Methods Development

**Duties and Responsibilities:** A Postdoctoral Research Fellow position is available in the Biostatistics, Bioinformatics, and Epidemiology (BBE) program, the Vaccine and Infectious Disease Division (VIDD) of the Fred Hutchinson Cancer Research Center (FHCRC), Seattle, WA. The successful applicant will work directly with Dr. Ying Huang, primarily on statistical methods development for design and analysis of biomarker studies for disease risk prediction, personalized medicine, and surrogate endpoint identification in cancer and infectious diseases. Data collected by the HIV Vaccine Trial Network (HVTN) studies, the cancer Early Detection and Research Network (EDRN), and the Women's Health Initiative (WHI) studies will be used as a basis for the methodological works. The applicant will also have the opportunity to carry out collaborative projects for peer-reviewed publications.

**Position Qualifications:** PhD degree in biostatistics/statistics; strong theoretical background and programming skills; strong oral and written communication skills; strong independent problem solving skills. Excellence in R is required. Proficiency in C/C++ a plus. Experience with missing data methods, measurement error, variable selection, biomarker evaluation, mixture models, high-dimensional data methods, causal inference, survival analysis, or clinical study design a plus.

**Benefits:** Salary based on NIH scale + excellent benefits.

**Application Information:** To apply, please send a cover letter describing your research interests and interest in the position, with CV and names of three references to Dr. Ying Huang (yhuang@fhcrc.org)