

Quantitative/Statistical Research Associate II/III

Fred Hutchinson Cancer Research Center - Seattle, Washington

ABOUT US

Fred Hutchinson Cancer Research Center in Seattle, Washington, home of three Nobel laureates, is an independent, nonprofit research institution dedicated to the development and advancement of biomedical research to eliminate cancer and other potentially fatal diseases. Recognized internationally for its pioneering work in bone-marrow transplantation, the Center's four scientific divisions collaborate to form a unique environment for conducting basic and applied science. The Hutchinson Center, in collaboration with its clinical and research partners, the University of Washington and Children's Hospital and Regional Medical Center, is the only National Cancer Institute-designated comprehensive cancer center in the Pacific Northwest. Join us and make a difference.

JOB SUMMARY

We are seeking a master's-level biostatistician, statistician, mathematician, quantitative geneticist or computer scientist with strong programming skills to support our team as a Quantitative/Statistical Research Associate. The Statistical Research Associate will join the Cancer Prevention Program providing support for the statistical analysis of a large-scale genome-wide association studies. This genome-wide scan is an NCI funded multiple-year project with the goal to identify susceptibility genes associated with cancer risk and to investigate interaction between genes and environmental factors. The Quantitative/Statistical Research Associate will work directly with Members and multidisciplinary research teams.

MAJOR DUTIES

- Manage high dimensional data sets
- Implement quality control procedures
- Assist in determining optimum statistical study designs
- Perform data analyses
- Support the development and implementation of novel statistical methods relevant for genome-wide association studies
- Prepare written summaries and table of results
- Document statistical analyses
- Develop and evaluate new statistical software
- Assist with manuscript preparation

MINIMUM QUALIFICATIONS

A master's degree in statistics, biostatistics, applied mathematics, quantitative genetics, or computer science with strong quantitative and computational skills. A minimum of one (SRA II) to 3 (SRA III) years of related experience. Experience with statistical and computational methods for the analysis of complex, high-dimensional genotype data is desirable. Strong programming skills and experience working with LINUX and R are required. Knowledge with C, FORTRAN, PERL or PYTHON is desirable. Strong oral and written communication skills are important.

HOW TO APPLY

Please apply online: www.fhcrc.org – if you have not registered before, you will be prompted to do so. Job # is 22554.

The Fred Hutchinson Cancer Research Center and The Seattle Cancer Care Alliance are equal opportunity employers, committed to workforce diversity.