

Biostatistician (Statistical Research Associate level III to IV) (WHISP)

About Us

Fred Hutchinson Cancer Research Center, 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.

About the Department

The Women's Health Initiative (WHI) is seeking a Statistical Research Associate (SRA) to join the WHI sequencing project (WHISP). The WHI is one of the largest and most comprehensive studies of women's health. Our studies' results have been published in the top medical journals and have had significant impact on women's health. The WHI is designed to investigate strategies for the prevention and control of some of the most common causes of morbidity and mortality among postmenopausal women, including cancer, cardiovascular disease and osteoporotic fractures.

About the Project

The WHI sequencing project (WHISP) is a two year ARRA grant from the National Heart Lung and Blood Institute, with the objective of selecting WHI participants with particularly interesting phenotypes for exomic resequencing analysis, in order to screen for genes and pathways that are enriched for rare, functional genetic variants.

We are seeking a master's-level biostatistician or statistician to support our team as a Statistical Research Associate (SRA). The SRA will join the WHI coordinating center. The SRA will work directly with the investigators of WHISP, as well as staff in the WHI coordinating center to manage high dimensional data sets, implement quality control procedures, assist in determining optimum statistical study designs, perform data analyses, and support the development and implementation of novel statistical methods. Furthermore, the person will prepare written summaries and table of results, document statistical analysis, and assist with manuscript preparation.

Minimum Qualifications

- A master's degree in statistics or biostatistics.
- A minimum of 3 – 5 years or related experience.
- Strong programming skills and experience working with SAS, LINUX and R are required.
- Experience with statistical and computational methods for the analysis of complex for the analysis of complex genotype data is a plus, as is experience in a clinical research setting or in epidemiological studies.
- Knowledge with C/C++, FORTRAN, PERL or PYTHON is desirable.

- Candidates must be well organized, with a proven ability to manage multiple projects at once.
- Strong oral and written communication skills are important.

To Apply

For more information about the position and to apply, please visit the Fred Hutchinson Cancer Research Center website at www.fhcrc.org and search for **Job# AD-22696**, or email Alysha Duran at aduran@fhcrc.org.

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