Post-Doctoral Research Fellow, Biostatistical Methods - Biomarker Development and Outcome Prediction

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Overview

Cures Start Here. At Fred Hutchinson Cancer Research Center, home to three Nobel laureates, interdisciplinary teams of world-renowned scientists seek new and innovative ways to prevent, diagnose and treat cancer, HIV/AIDS and other life-threatening diseases. Fred Hutch’s pioneering work in bone marrow transplantation led to the development of immunotherapy, which harnesses the power of the immune system to treat cancer. An independent, nonprofit research institute based in Seattle, Fred Hutch houses the nation’s first cancer prevention research program, as well as the clinical coordinating center of the Women’s Health Initiative and the international headquarters of the HIV Vaccine Trials Network. Careers Start Here.

At Fred Hutch, we believe that the innovation, collaboration, and rigor that result from diversity and inclusion are critical to our mission of eliminating cancer and related diseases. We seek employees who bring different and innovative ways of seeing the world and solving problems. Fred Hutch is in pursuit of becoming an antiracist organization. We are committed to ensuring that all candidates hired share our commitment to diversity, antiracism, and inclusion.

Responsibilities

A Post-Doctoral Research Fellow position is available in Dr. Yingye Zheng’s group at the Fred Hutchinson Cancer Research Center. The successful applicant will develop and apply novel statistical methods for biomarker development and outcome prediction. The Fellow will engage in methodological research in longitudinal and time-to-event data analysis as well as statistical learning for electronic medical data. The Fellow will also have opportunities to participate both in prospective cohort study with longitudinal markers and medical studies using electronic medical records for outcome evaluation and developing cutting-edge statistical methods to address new challenges in these data.

Funding is currently available for up to two years.

Qualifications

- PhD or equivalent degree in Statistics, Biostatistics or a related field
- Ability to write efficient programs in R is required
• Strong theoretical, computational, and communication skills are desired
• Knowledge and experiences in survival and longitudinal data analysis, causal inference, missing data analysis and machine learning are preferred

A statement describing your commitment and contributions toward greater diversity, equity, inclusion, and anti-racism in your career or that will be made through work at Fred Hutch is requested of all finalists.

Our Commitment to Diversity

We are proud to be an Equal Employment Opportunity (EEO) and Vietnam Era Veterans Readjustment Assistance Act (VEVRAA) Employer. We are committed to cultivating a workplace in which diverse perspectives and experiences are welcomed and respected. We do not discriminate on the basis of race, color, religion, creed, ancestry, national origin, sex, age, disability (physical or mental), marital or veteran status, genetic information, sexual orientation, gender identity, political ideology, or membership in any other legally protected class. We are an Affirmative Action employer. We encourage individuals with diverse backgrounds to apply and desire priority referrals of protected veterans. If due to a disability you need assistance/and or a reasonable accommodation during the application or recruiting process, please send a request to our Employee Services Center at hrops@fredhutch.org or by calling 206-667-4700.