Post-Doctoral Research Fellow, Cancer Epidemiology

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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.

We are seeking applications from strong candidates for a new post-doctoral fellowship position in Cancer Epidemiology in the Public Health Sciences Division at the Fred Hutchinson Cancer Research Center. The post-doctoral fellow will work directly with Drs. Polly Newcomb and Ulrike Peters on multiple NIH funded large-scale molecular epidemiological studies for colorectal cancer risk and survival. These projects include discovery of novel gene-environment interactions, integrative tumor analyses, and risk prediction modeling. Through international collaborative efforts we have developed large-scale molecular and genetic data in over 150,000 participants of increasing racial and ethnic diversity, including genome-wide genetic data, large-scale targeted tumor sequencing (including microbiome data), and harmonized detailed epidemiological, lifestyle and clinical data.

Responsibilities

The successful applicant will work on a highly collaborative multidisciplinary research team to perform cutting edge analyses, implement novel statistical methodology, incorporate functional genetic information, and publish research results as first author. Opportunities also exist for grant writing, study management, training of junior trainees, and contributing to other manuscripts as co-author. The Fred Hutchinson Cancer Research Center provides a challenging academic and
supportive multi-disciplinary research environment and the fellow will be able to take full advantage of training, education, and mentorship opportunities offered through the Center. Please note that this is not a laboratory-based position.

**Qualifications**

A Ph.D. or equivalent degree is required. The position requires a highly motivated individual with excellent written and verbal communication skills who can work in a highly collaborative and fast-paced environment. Expertise in analyses of molecular and genetic data and computational methods for the analysis of complex, high-dimensional genotype data is desirable. Extensive efforts are made to identify and attempt to recruit underrepresented minority trainees. Of the 25 trainees supported by this training grant over the past 5 years, 7 were underrepresented minorities.

Please submit the following materials:

- Curriculum Vitae (CV)
- Two letters of reference addressed to the Program Director, Polly Newcomb
- A one-page statement about applicant’s past and current research experience, post-doctoral training interests, and long-term career goals.
- Briefly describe data analysis experience – models (e.g. regression, logistic regression, survival analysis) and packages (e.g. SAS, STATA, SPSS) along with degrees of experience with each model and package.

*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.