Post-Doctoral Training Opportunities in Cardiovascular Disease Epidemiology

The Department of Epidemiology is seeking candidates for post-doctoral training in our Cardiovascular Disease Epidemiology and Prevention Training Program. Researchers and clinicians with strong skills in applied mathematics and statistics, biomedical sciences, survey methods, data science, machine learning, artificial intelligence, or information sciences are strongly encouraged to apply.

Established in 1975, the NIH/NHLBI-funded Cardiovascular Disease Epidemiology Training Program focuses on interdisciplinary training in the epidemiology of the leading cause of death in the United States. The program integrates knowledge of all aspects of cardiovascular disease including applications of “big data” and machine learning, -omics of cardiovascular disease and related conditions, nutrition, genetics, physiology, behavior, treatment, and prevention. Our training program emphasizes a collaborative approach and active participation in research. Trainees have access to large on-going cohort studies and clinical trials which provide a rich environment for hands-on training in epidemiology. Trainees have access to the full range of courses offered at Johns Hopkins University. Those without a previous degree in epidemiology also have the option to complete an MHS degree in Epidemiology.

The program is directed by Dr. Elizabeth Selvin, PhD, MPH and co-directed by Dr. Casey Rebholz, PhD, MS, MNSP, MPH and housed at the Welch Center for Prevention, Epidemiology and Clinical Research. Our faculty members have broad expertise across public health, medicine, biostatistics, data science, and the laboratory sciences. Trainee research opportunities include collaborations with major cohort studies such as the Atherosclerosis Risk in Communities (ARIC) Study, the Multi-Ethnic Study of Atherosclerosis (MESA), Chronic Renal Insufficiency Cohort (CRIC) study, Jackson Heart Study (JHS), Chronic Kidney Disease in Children (CKiD), randomized feeding studies (DASH4D, DASH, DASH-Sodium, OMNI-HEART), national survey data (National Health and Nutrition Examination Survey, NHANES; National Health Interview Survey, NHIS), and large electronic health record and administrative datasets. The program benefits from close ties with the Divisions of General Internal Medicine, Cardiology, Surgery, and Endocrinology and Metabolism at the Johns Hopkins School of Medicine.

Tuition and stipend for post-doctoral trainees (research after a PhD or MD degree/equivalent) are available on a merit basis for US citizens or permanent residents.

For more information on the training program and application instructions, see our website:

https://publichealth.jhu.edu/academics/postdoctoral-programs/cardiovascular-disease-epidemiology-training-program

Inquiries:

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