Postdoctoral position in metabolomics and proteomics data and development of cardiovascular disease in women

Division of Women’s Health
Brigham and Women’s Hospital and Harvard Medical School

The Division of women’s Health and Brigham and Women’s Hospital and Harvard Medical School is seeking a postdoctoral fellow with a strong interest in untangling the influence of multiple “omics” data types in the risk of cardiovascular disease, with a focus on sex differences and the incidence of these conditions in women. The work will primarily be supervised by Dr. Kathryn Rexrode but will include interactions with an interdisciplinary team of researchers from Brigham and Women’s Hospital and the Harvard Longwood Medical area in Boston.

The Division of Women’s Health research goals are: to lead scientific and clinical discoveries that identify and explain sex- and gender-based differences in health and disease, prioritize disorders specific to women, and ultimately improve the overall health and access to care for men and women. See: https://dwh.bwh.harvard.edu/our-research/.

Qualifications: Applicants should have a PhD, ScD or MD with strong analytic background in one or more of the following areas: Statistics, Biostatistics, Epidemiology, Metabolomic Epidemiology, Computer Science, Bioinformatics, Mathematics or the equivalent. Programming proficiency in some language is required (e.g., Phyton, R, C, C++, SAS, or MATLAB). Previous experience analyzing metabolomic or other omic data for association with clinical phenotypes is desired. Scientific publications in a peer-reviewed journal are necessary. Excellent written and verbal communication skills are essential.

The position is available immediately. An interested applicant should send a cover letter describing current research interests and career goals, a current copy of your CV and contact information for 3 references to Stacey Escalante.

Brigham and Women’s Hospital is a Harvard Medical School affiliated institution with over 1000 principal investigators. The Division of Women’s Health is a research and clinical division within the Department of Medicine. Faculty in the Division of Women’s Health pursue a wide range of research topics dedicated to advancing knowledge of women’s health and sex differences in health and disease. This group includes an outstanding track record of mentoring.

Brigham and Women’s Hospital is an Affirmative Action Employer. By embracing diverse skills, perspectives and ideas, we choose to lead. All qualified applicants will receive consideration for employment without regard to race, color, religious creed, national origin, sex, age, gender identity, disability, sexual orientation, military service, genetic information, and/or other status protected under law. We will ensure that all individuals with a disability are provided a reasonable accommodation to participate in the job application or interview process, to perform essential job functions, and to receive other benefits and privileges of employment.