

Channing Division of Network Medicine
Department of Medicine
181 Longwood Avenue
Boston, MA 02115-5804

Postdoctoral Position in Sleep and Cardiovascular Disease Epidemiology

Channing Division of Network Medicine, Brigham and Women's Hospital and Harvard Medical School

The Channing Division of Network Medicine at Brigham and Women's Hospital is seeking an exceptional postdoctoral fellowship candidate to conduct cutting-edge research in the field of sleep epidemiology. The research is focused on combining traditional epidemiology, multi-omics and wearable technology to understand risk factors for sleep health and sleep disorders and their relationships with cardiometabolic disorders, as well as the underlying mechanisms.

The successful applicant will be based in the Chronic Disease Epidemiology group at Channing, which is home to several landmark Harvard longitudinal cohort studies, including the Nurses' Health Studies (NHS, NHSII and NHS3). The postdoctoral fellow will work directly with Dr. Tianyi Huang on a new NIH-funded 5-year grant. The primary responsibilities include: (1) lead data analysis in the Harvard cohorts and the UK Biobank; (2) assist in collection of new sleep and omics data in NHS3; (3) present results at scientific meetings and prepare manuscript for publication. The fellow will work with an interdisciplinary team, consisting of epidemiologists, biostatisticians, translational scientists and clinicians across the Harvard research community and in Europe. The successful applicant is also encouraged to develop new scientific questions and gain experience in grant writing.

Qualified candidates should have a PhD or equivalent doctoral degree in epidemiology, biostatistics, social and behavioral sciences, or related areas, with strong statistical analysis skills using SAS or R and excellent communication (oral and written) and documentation skills. Interest in sleep medicine and cardiovascular disease epidemiology and additional experience with high-dimensional omics data analysis are preferred. The fellowship is two years and is renewable. Salary will be commensurate with experience.

Brigham and Women's Hospital is a Harvard Medical School affiliated institution, with over 1000 principal investigators. The Channing Division of Network Medicine is a research division within the Department of Medicine whose goal is to define the etiology and reclassify complex disease using network- and systems-based approaches.

We are an equal opportunity employer that strongly values diversity, equity and inclusion, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related condition or any other characteristic protected by law.

Appointment and/or employment at a Mass General Brigham affiliate is contingent upon compliance with all requirements for employment at the Mass General Brigham affiliate. These requirements include without limitation:

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- United States Citizenship and Immigration Services rules concerning identity and right to work in the United States
- Multi-state criminal background checks
- Review of the Medicare Sanctions and Exclusions List
- Pre-employment health and drug screening and annual compliance with the Influenza Vaccination Policy

Any offer of employment is contingent upon satisfactory completion of the above requirements for employment.

Reference information, including academic and/or employment records, final evaluations and recommendations for future employment will be required.

Qualified candidates should send the following materials to Dr. Tianyi Huang (tih541@mail.harvard.edu):

- a cover letter
- CV
- a writing sample (preferably from a graduate course)
- contact information of two references.