Brigham and Women’s Hospital: Post-doctoral position in genetics of cognitive decline and neurological disease

Tamar Sofer is seeking a candidate for post-doctoral research fellowship position to study the genetic underpinnings of cognitive decline and neurological disease associated with aging, and how these genetic effects are associated with behavioral and environmental exposures, such as sleep behavior and quality.

The post-doctoral fellow will conduct genetic association analysis of cognitive and neurological disease outcomes in multiple studies of diverse populations. Genetic association analyses include genome-wide association studies, construction of polygenic risk scores, gene-environment interaction analyses, rare variants association testing, integrative analysis of genetics and other 'omics markers, and more. Depending on the candidate qualifications and interest, the post-doctoral fellow may contribute to or perform statistical and epidemiological methods development. The fellow will have opportunities to collaborate with national leaders involved in genetic epidemiological consortia and studies of brain aging.

The successful candidate should be well familiar with statistical models and tests, have experience with genetic analyses, and have demonstrated experience working with large data sets on cluster computing environment. The fellow is expected to have good communication skills, as they will routinely work with collaborators having varied backgrounds and expertise. An interest in studying health outcomes in diverse and under-represented populations is a plus. PhD in Statistics, Biostatistics, Epidemiology, Bioinformatics, Genome Sciences, Neuroscience, Cognitive Science, or another relevant field is required.

The post-doctoral fellow position is at Brigham and Woman’s Hospital, and affiliated with Harvard Medical School. Interested candidates should send a letter of interest, curriculum vitae, and contact information for three references, in electronic format to Tamar Sofer, PhD, tsofer@bwh.harvard.edu.