Postdoctoral position at NIH

Gene-environment interactions associated with aging phenotypes

The Laboratory of Epidemiology and Population Sciences and the Laboratory of Genetics and Genomics, in the Intramural Research Program of the National Institute on Aging is seeking a postdoctoral candidate to join an interdisciplinary team to investigate the life course of genetics and gene-environment interactions regulating changes aging processes. Research is based on the fully genotyped prospective SardiNIA Study of Aging cohort of a founder population aged 14-102 years at the 2001 baseline. The cohort, a collaborative project of the NIA and the Consiglio Nazionale delle Ricerche, has been examined up to five times to establish trajectories of a range of metabolic, inflammatory, cardiovascular, pulmonary and functional quantitative traits that change with aging (https://sardinia.nia.nih.gov/).

The successful candidate will utilize a wide set of skills, including analyses of genetic data, mixed and longitudinal models and Mendelian Randomization approaches, to design, analyze, and report for publication studies to identify genetic variants and gene-environment interactions that correlate with traits/diseases/trends. The candidate will also participate in planning and in monitoring progress of ongoing data collection for a sixth exam of the cohort. The wide and rich range of resources and investigators at the NIH will be available to the candidate.

Applicants must have a Ph.D. or equivalent degree in Epidemiology, Statistical genetics, Biostatistics, Computational biology, or another related field. A background in neuroscience, immunology, or vascular disease is desirable. Experience with bioinformatics (statistical analysis and presentation of data using Python or R) is preferred. Successful applicants are expected to demonstrate a high level of independence; an ability and desire to apply new approaches and techniques; to think creatively about their research; and to work within an international and multi-disciplinary group.

Salary commensurate with research experience, according to the NIH intramural pay scale. Inquiries concerning the research can be directed to Dr. Launer (launerl@nia.nih.gov). Interested applicants should e-mail a curriculum vitae, a brief description of their research interests, and 3 letters of reference to: Ms. Tamara Burrowes, E-mail tammy.burrowes@nih.gov; National Institutes on Aging, National Institute on Aging, Intramural Research Program, 251 Bayview Blvd, Biomedical Research Building, Baltimore, Maryland 21224-6825.

Review of applications will begin immediately upon receipt.

DHHS and NIH are Equal Opportunity Employers.

The NIH is dedicated to building a diverse community in its training and employment programs and encourages the application and nomination of qualified women, minorities, and individuals with disabilities.