Department of Health and Human Services
National Institutes of Health
National Institute on Aging
Intramural Research Program

TENURE-TRACK INVESTIGATORS

The National Institute on Aging (NIA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is recruiting four (4) Tenure-Track Investigators within its Intramural Research Program (IRP) in Baltimore and Bethesda, MD. Each position includes an attractive set-up package and operating budget, including access to comprehensive NIA core facilities and to the unique and extensive resources of the NIH.

Eligible candidates must have a Ph.D. or M.D. (or M.D., Ph.D.) or equivalent doctoral degree in the Biomedical Sciences, unless indicated otherwise below. The incumbents will play a major role in training staff and postdoctoral fellows and maintaining research continuity within the Laboratory/Branch, as well as developing a network of intra- and extramural collaborations. The candidate’s capabilities must be demonstrated through publications in high-quality peer-reviewed journals in the relevant fields mentioned below. The incumbents are expected to demonstrate peer recognition of their specific contributions. A description of each position is listed below:

The Laboratory of Behavioral Neuroscience (LBN) is recruiting a tenure-track investigator to develop an independent research program focused on cognitive and brain aging, including genetic and other risk factors for cognitive impairment and Alzheimer’s disease as well as factors that promote the maintenance of cognitive health in aging. The successful candidate will have a strong background and extensive experience in psychology and neuroscience, including expertise in cognitive assessment and neuroimaging measures of brain structure and function, as well as the neurobiology of individual differences in cognitive function. An extensive database of cognitive, personality, and neuroimaging data are available through the Baltimore Longitudinal Study of Aging. The successful applicant will play a role in overseeing the ongoing acquisition and analysis of these data and is expected to utilize these data (in addition to other collaborative datasets) in her/his research program. Preference will be given to those with demonstrated experience at the interface of psychology, neuroimaging (structural and functional MRI, amyloid and tau PET, and image analysis), and genetics. To be considered for this position, please reference Vacancy # NIA-IRP-LBN-20-01 when submitting your application. This position is located in Baltimore, MD.

The Laboratory of Clinical Investigation (LCI) is recruiting a tenure-track investigator to develop an independent research program focused on advanced magnetic resonance imaging phenotyping of brain maturation and aging, including cognitive impairment and dementia. Preference will be given to candidates with a strong background and extensive experience in several related areas. These areas include advanced MR physics and engineering; statistical
methods in parameter estimation, incorporating appropriate pulse sequence design and modifications; experience in both pre-clinical and clinical instrumentation and corresponding experimental design and applications; translational work incorporating novel physics-based techniques for human brain studies; knowledge of and expertise in CNS changes in aging and dementia; and ability to incorporate multiple MR outcome modalities into a unified framework for brain assessment. Further expertise and original contributions in modern noise-reduction filtering techniques, as well as radio-frequency mapping methods for improved parameter estimation, is required. These requirements are towards the ability to develop rigorous methods and validated translational results for the anticipated CNS studies. To be considered for this position, please reference Vacancy #NIA-IRP-LCI-20-02 when submitting your application. This position is located in Baltimore, MD.

The Translational Gerontology Branch (TGB) is recruiting a tenure-track investigator in biomedical engineering to develop an independent research program focused on regenerative aging biology. This position will be located primarily in Baltimore, MD with a joint appointment with the Laboratory of Neurogenetics (LNG) in Bethesda, MD. The successful candidate will have a strong background and extensive experience in developing biomaterials to intervene in aging-associated declines and diseases, including platforms for 3D culture, organoids, vascularization, wound healing, muscle regeneration, and improved immune function. Preference will be given to those with demonstrated experience with biomaterials as well as with molecular and cellular biology. To be considered for this position, please reference Vacancy #NIA-IRP-TGBLNG-20-03 when submitting your application. As stated above, this position is a joint appointment located in Baltimore, MD (primarily) and Bethesda, MD.

The Translational Gerontology Branch (TGB) is recruiting a tenure-track investigator in the field of Epidemiology. Eligible candidates must have a Ph.D. or M.D. (or M.D., Ph.D.) or equivalent doctoral degree in Epidemiology or related fields with experience handling epidemiological studies. The position requires research experience in aging and age-related disease. An ideal candidate would have experience developing translational research from the findings of epidemiological studies. The successful candidate will have a strong record of scientific accomplishments, peer recognition, and interest in interdisciplinary research focused on the connection between the biological mechanisms of aging, the phenotypes of aging, and their role in conditioning the decline of physical and cognitive function that occur in many older persons. Applicants with a broad range of interests will be considered, but preference will be given to those with demonstrated experience in the areas of biomarkers of aging, novel state-of-the-art assessment of physical function and physical activity, and behavioral and environmental risk factors and relevant causal pathways that increase or decrease the chance of healthy and productive aging. In addition, the incumbent is expected to be involved in the operational aspects of the Baltimore Longitudinal Study of Aging (BLSA) and to conduct research on data generated from the BLSA. To be considered for this position, please reference Vacancy #NIA-IRP-TGBEPI-20-04 when submitting your application. This position is located in Baltimore, MD.

Salary is commensurate with experience and accomplishments. A full Civil Service package of benefits (including retirement, health, life and long-term care insurance, Thrift Savings Plan,
etc.) is available. NIA may be able to pay relocation expenses. All employees of the Federal Government are subject to the conflict of interest statutes and regulations, including the Standards of Ethical Conduct. Additional information regarding the NIA, IRP is available at the following website: [www.irp.nia.nih.gov](http://www.irp.nia.nih.gov).

To apply, please send cover letter, curriculum vitae and bibliography (including a description of mentoring and outreach activities, especially those involving women and persons from other groups which are underrepresented in biomedical research), statement of research interest (1-2 pages), and three letters of recommendation to: Jamie Hertzfelt, Intramural Program Specialist; Office of the Scientific Director, National Institute on Aging, NIH Biomedical Research Center, 251 Bayview Blvd., Suite 100, Room 04C232, Baltimore, Maryland 21224 or email niairpjobs@mail.nih.gov. Applications, including letters of recommendation, must reference the vacancy number of the position for consideration. The first round of reviews is expected to occur on or about December 31, 2019; however, applications will be accepted until the positions are filled.

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