

Post-doctoral Fellowship in 'OMICs' and Big-Data Approaches to Alzheimer's Disease Pathogenesis

The Unit of Clinical and Translational Neuroscience in the Intramural Program of the National Institute on Aging (NIA) is seeking applicants for a post-doctoral research fellowship. Our current work has a major emphasis on understanding the metabolic basis of Alzheimer's disease (AD) pathogenesis using quantitative metabolomics of brain and blood tissue samples. We employ several computational methodologies (i.e. biostatistical, epidemiologic, computer science) on large longitudinal clinical, neuroimaging, cognitive, and metabolomics/proteomics datasets. We are also exploring in-silico approaches to drug repurposing in AD combining analyses of Electronic Health Record (EHR) data with large publicly available gene expression datasets. The ideal candidate will have excellent quantitative analytical skills with experience in analyses of 'OMICs' data. Candidates with an interest in bio-informatics approaches to analyses of 'OMICs' data and excellent writing skills are preferred.

The link below provides details on our work:

<http://www.irp.nia.nih.gov/branches/lpc/ctnu.htm>

Please contact the Lab Chief, Madhav Thambisetty MD, Ph.D at

thambisettym@mail.nih.gov

443-852-7607 (cell)

In your letter, please include:

1. A full CV with a statement of research interests and career goals.
2. Contact details of three references who can comment on your analytical expertise and writing skills.

We offer 1) the opportunity to publish extensively in high-impact journals in the medical science fields and 2) collaboration and support in analytic and neuroscience fields within the lab and across the NIA. Salary is commensurate with other fellowship opportunities, and the position is renewable up to 5 years.

DHHS and NIH are Equal Opportunity Employers. The NIH is dedicated to building a diverse community in its training and employment programs.