

Omonigho Michael Bubu, M.D., PhD., M.P.H.

Assistant Professor and physician scientist at NYU Grossman School of Medicine (NYUSoM), in the Departments of Psychiatry, Population Health and Neurology.

Dr. Bubu has a programmatic research focus on sleep, aging and Alzheimer's disease (AD). Dr. Bubu has graduate, internship, and fellowship-level clinical and research training in neurology, neuro-epidemiology and public health. His research examines how age-related and age-dependent sleep changes, and vascular risk, impact cognitive decline and AD risk, and how they drive AD related disparities. He was supported as a postdoctoral fellow at NYUSoM Department of Population Health under a T32 funding mechanism (T32HL129953: Jean-Louis, Ogedegbe MPIs) and participated as a fellow at NYU's NIH-funded Program to provide Congruent Mentorship to Reach Academic Diversity in Neuroscience Research (COMRADE). He is also a scholar of the NHLBI Program to Increase Diversity in Behavioral Medicine and Sleep Disorders Research (PRIDE) Training and Mentoring Institute. He has received various grants to fund his research, such as the Alzheimer's Association Research Grant (AARG), American Academy of Sleep Medicine (AASM) Bridge Award for Early Career Investigators, NYU Alzheimer's Disease Research Center Developmental Grant, and Columbia Center for Interdisciplinary Research on Alzheimer's disease Disparities (CIRAD) Pilot Grant. Dr. Bubu also has a mentored NIA K23 award "The mediating role of Slow Wave Sleep and Vascular Risk Factors on Alzheimer Disease related disparity between African-Americans and non-Hispanic Whites." The K23 award provides Dr. Bubu the opportunity for training in sleep neurobiology, health disparities and MRI/PET data analysis of Alzheimer's disease biomarker and neuroimaging data. At NYUSoM, Dr. Bubu has continued to establish his emerging national presence as a sleep and AD investigator, and has been involved in various research projects that have established that sleep is associated with cognitive decline, and AD. He has collaborated with experts in the field on intramural, foundation and NIH grants, with significant contributions that have improved our understanding of the relationship between sleep, particularly, obstructive sleep apnea and AD. He currently serves as a founding member of the Resource Center for Minority Aging Research (RCMAR) Advisory Board, Guest Associate Editor in Alzheimer's disease and Related Dementias Section, *Frontiers Aging Neuroscience*, and as an ad-hoc reviewer for multiple high impact journals including *Annals of Internal Medicine*, *Alzheimer & Dementia*, *Sleep Medicine Reviews*, *Ageing Research Reviews*, *JAMA Network*, *SLEEP*, *Journal of Clinical Sleep Medicine*, and *Biobehavioral Reviews and Neurology*.

Speech Title: Sleep Clues to Alzheimer's Disease