The Friedman Brain Institute
2023 FBI Research Scholars

On behalf of the Philanthropic Leadership Council of The Friedman Brain Institute, we are pleased to announce the 2023 recipients of The FBI Research Scholars Awards.

Joseph and Nancy DiSabato Research Scholar Award

Sarah Ann Levy, PhD
Instructor, Neurology

Aß Deposition and Cognitive Impairment in Older Adults with MS

Cognitive deficits are common in older adults with multiple sclerosis (MS), but a major issue is disentangling whether cognitive impairment is due to MS or an additional neurodegenerative disorder. As such, there has been an emergence of interest regarding the co-existence of MS and age-related neurodegenerative conditions, such as Alzheimer's disease (AD). From a neuropsychological standpoint, it is difficult to discriminate MS from AD given a similar pattern of progressive cognitive deficits, including impairment in episodic memory. Our study will use positron emission tomography (PET) to investigate AD-specific biomarkers and quantify Aß burden in persons with MS. Results will help clarify our understanding of a non-AD neuropsychological profile in aging patients with MS and cognitive impairment, and will shed insight into the shared and disparate pathophysiological mechanisms of AD and MS.

Icahn School of Medicine at **Mount Sinai**