

The Friedman Brain Institute

2026 FBI Research Scholars

On behalf of the Philanthropic Leadership Council of The Friedman Brain Institute, we are pleased to announce the 2026 recipients of The FBI Research Scholars Awards.

Glickenhau Research Scholar Award



Allison C Waters, PhD
Assistant Professor
Psychiatry and Neuroscience



Joohi Jimenez-Shahed, MD
Professor, Neurology, Movement
Disorders and Neurosurgery



Emmanuel During, MD
Associate Professor, Neurology,
Movement Disorders, Medicine,
Pulmonary, Critical Care & Sleep
Medicine



Rachel Fremont, MD
Assistant Professor, Psychiatry

Closed-Loop Neuromodulation at Home to Enhance Deep Sleep in Parkinson's Disease

Sleep disruption in Parkinson's disease is not just a symptom but an early signal and a severity multiplier, impacting memory, mood, and daily function. This project tests an emerging treatment strategy to enhance deep sleep at home using precisely timed, noninvasive brain stimulation. Wearable EEG and bedside computing enable stimulation to be timed to the brain's slow-wave rhythms as they occur. We will evaluate feasibility and determine whether this approach produces meaningful gains in deep sleep for people with Parkinson's. The larger aim is to develop a scalable, home-based platform for sleep measurement and intervention.

