

# 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.

### Nash Family Research Scholar Award



#### Haeyoung Baang, MD

Assistant Professor, Neurosurgery and Neurology

#### **Differentiation between Vegetative State and Minimally Conscious State with Computerized Analysis of Facial Movements on Clinical Examination**

The aim of my research is to identify facial movements distinguishing different categories of disorders of consciousness (DoC) such as vegetative state/unresponsive wakeful syndrome (VS/UWS) and minimally conscious state (MCS) on clinical examinations with computerized analysis in collaboration with Dr. Tanya Nauvel and Stephen Heisig who are the experts on this modality. Additionally, we seek to identify electroencephalogram (EEG) characteristics of VS/UWS and MCS with simultaneous monitoring. The ultimate goal of this project is to better understand DoC and develop an accurate diagnostic tool of it which is a prerequisite for prognostication of patients with DoC.



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