



Elizabeth Mormino

Associate Professor (Research) of Neurology and Neurological Sciences
(Neurology Research)

Bio

BIO

Dr. Beth Mormino completed a PhD in Neuroscience at UC Berkeley in the laboratory of Dr. William Jagust, where she performed some of the initial studies applying Amyloid PET with the tracer PIB to clinically normal older individuals. This initial work provided evidence that the pathophysiological processes of Alzheimer's disease begin years before clinical symptoms and are associated with subtle changes to brain regions critical for memory. During her postdoctoral fellowship with Drs. Reisa Sperling and Keith Johnson at Massachusetts General Hospital she used multimodal imaging techniques to understand longitudinal cognitive changes among individuals classified as preclinical AD. In 2017, Dr. Mormino joined the faculty at Stanford University in the department of Neurology and Neurological Sciences. Her research program focuses on combining imaging and genetics to predict cognitive trajectories over time, and the integration of novel PET scans to better understand human aging and neurodegenerative diseases.

ACADEMIC APPOINTMENTS

- Associate Professor (Research), Neurology and Neurological Sciences
- Member, Bio-X
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Wu Tsai Neurosciences Institute

HONORS AND AWARDS

- Early Career Investigator, Finalist, Charleston Conference on Alzheimer's Disease (2016)
- Innovators Under 35 Award, MIT Technology Review (2015)
- Global NeuroDiscovery Challenge, Finalist, Geoffrey Beene Foundation Alzheimer's Initiative (2013)
- Young Scientist Award for Excellence in Research, Alzheimer's Association (2009)
- Young Investigator Award, Human Amyloid Imaging Conference (2008)

PROFESSIONAL EDUCATION

- PhD, UC Berkeley , Neuroscience (2011)
- BS, UC Los Angeles , Neuroscience (2004)

LINKS

- Lab Website: <http://med.stanford.edu/mormino-lab.html>

Teaching

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Samantha Reyes, Shawn Schwartz

Orals Evaluator

Samantha Reyes