

# Brain Mapping Center SEMINAR SERIES

**Sponsored by the UCLA Brain Mapping Center Faculty**

The focus of these talks is on advancing the use of brain mapping methods in neuroscience with an emphasis on contemporary issues of neuroplasticity, neurodevelopment, and biomarker development in neuropsychiatric disease.

Hosted By: Shantanu Joshi, PhD, Neurology, UCLA

## Interictal High Frequency Oscillations: An Epilepsy Biomarker



### **Joyce Wu, MD**

Professor, Pediatric Neurology, UCLA

Interictal high frequency oscillations (HFO) were first described in 1999 on brain recordings from an epilepsy rat model here at UCLA as a potential biomarker with both spatially localizing and temporally predictive characteristics. In this talk, we will review our knowledge about HFO over the last 20 years, particularly in the clinical context of epilepsy patients and their invasive and non-invasive recordings.

**March 7, 2019 11:00am - 12:00pm**

**Neuroscience Research Building (NRB 132)  
635 Charles E. Young Dr. South**

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