



University of Rochester

School of Medicine and Dentistry

Department of Neuroscience and the Del Monte Institute for Neuroscience

presents

**Linking macro-, meso-, and microscopic brain dynamics on cognition and  
behavior by multimodal imaging integration**

Dr. Cho's research aims to delineate the dynamic interaction and casual relationship between macro-, meso-, and microscopic-scale functional brain activity that underlies cognition, behavior, and clinical symptoms. He will present the functional relationship between the activity of subcortical brain regions and large-scale brain networks. Simultaneous deep brain stimulation and functional MRI (fMRI) in human and animal brains reveal that neuromodulation on deep brain structure (e.g., nucleus accumbens) altered not only the whole

Upper Auditorium 3