

IEM SEMINAR SERIES

Tuesday
September 29th, 2015

Understanding Brain Disorders using Translational Neuroimaging Approaches



Institute for
Engineering in Medicine

UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

DR. NANYIN ZHANG

Associate Professor, Biomedical Engineering
Penn State University



FREE event, no registration required.

Pizza and drinks will be provided.

12:00PM - 1:00PM
Nils Hasselmo Hall
Room 4-101

For additional information
on Dr. Zhang's presentation,
please contact:
scot0353@umn.edu

The Institute for Engineering in Medicine (IEM) is pleased to announce the Seminar by Dr. Nanyin Zhang, "Understanding Brain Disorders using Translational Neuroimaging Approaches."

Dr. Nanyin Zhang obtained his PhD and continued his postdoc training in the field of functional magnetic resonance imaging (fMRI) at the Center for Magnetic Resonance Research (CMRR) at the University of Minnesota. In early 2009, he took a tenure-track assistant professor position at the Center for Comparative Neuroimaging (CCNI) of the Psychiatry Department at the University of Massachusetts Medical School. At CCNI, his research was focused on understanding the functional organization of the brain in animals. In particular, his lab has pioneered a novel neuroimaging approach that allows the functional networks of the animal's brain to be studied without the influences of anesthesia. This approach was considered "paving the way for animal studies to shed light on the role of functional networks in human health and disease" as stated in a featured article in National Institute of Drug Abuse (NIDA) Notes (NIDA Notes, <http://www.drugabuse.gov/news-events/nida-notes/2012/06/investigators-map-functional-networks-in-rat-brain>). In 2013, he became an associate professor at the Biomedical Engineering department of Penn State University (PSU). At PSU, the horizon of my research has been expanded to investigating the normal brain function and pathophysiology of brain disorders by using neuroimaging, behavioral and optogenetic methods.

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