Neurology Grand Rounds

Basic Science Building Lecture Hall 1B

Date:     Friday, October 13, 2017

Speaker:  Stephen Macknik, PhD
Professor of Ophthalmology, Neurology
Physiology and Pharmacology
SUNY Downstate Medical Center

Title:    Translational Applications of Eye Tracking in
Neurobiological Research

Time:     9:00 a.m. – 10:30 a.m.

Location: SUNY Downstate Medical Center
395 Lenox Road
Basic Science Building Lecture Hall 1B
Brooklyn, NY

Target Audience: Neurology, Neurosurgery and Psychiatry Residents, Fellows, Faculty, Medical Students, Nurses

Learning Objectives: To be knowledgeable in
1. The visual systems limitations constrain and clarify the role of the oculomotor system in perception.
2. Eye tracking technology reveals a finite number of oculomotor behaviors that are affected differentially in different brain states, and neurological diseases, providing non-invasive insight into precise neurological conditions
3. Machine learning discriminators bring incredible analytical power to this research and provide a powerful tool to classify cohorts and brain states behaviorally and objectively.

Disclosures: None

Off-Label Drug or Medical Device Usage: No

Accreditation Statement:
The State University of New York (SUNY) Downstate Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement
SUNY Downstate Medical Center designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement
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ADA Statement Special Needs: In accordance with the Americans with Disabilities Act, SUNY Downstate Medical Center seeks to make this conference accessible to all. If you have a disability which might require special accommodations, please contact the Neurology office at (718) 270-4232.