Dear All,

We are delighted to announce that our course series entitled "Neuroimaging for the Clinical Neuroscientist" organized through the Yale Clinical Neuroscience Imaging Center (CNIC) will continue in 2019.

This course is open to everyone, is not credited, and does not require registration.

Time: Tuesdays 12-1 pm
Location: SHM, room C-103

Purpose:
In the last two decades, there has been an enormous growth in neuroimaging ranging from volumetric and functional MRI to diffusion MRI, MR Spectroscopy, PET and EEG. Yale has world-class neuroimaging facilities and leaders in many of these fields. The goal of this course is to make these outstanding resources available and encourage their use in clinical neuroscience disease-oriented research. The series will emphasize training on neuroimaging fundamentals, applications of specific techniques to relevant disorders of the nervous system, and will highlight resources at Yale to stimulate ongoing and new collaborations.

We look forward to your participation!

Sule Tinaz, MD, PhD
Hal Blumenfeld, MD, PhD

http://medicine.yale.edu/cnic/events/course.aspx

Schedule of the "Neuroimaging for the Clinical Neuroscientist" Course

January

8 MRI basics (Sule Tinaz)
15 Functional MRI basics (Sule Tinaz)
22 MRI data analysis steps (Sule Tinaz)
29 Resting state & Functional connectivity basics 1 (Sule Tinaz)

Feb

5 Resting state & Functional connectivity basics 2 (Sule Tinaz)
12 Calibrated functional MRI (Fahmeed Hyder)
19 MRI practical session (Christopher Benjamin)
26 Functional MRI connectivity (Todd Constable)

March

5 Nuclear Medicine: Brain PET fundamentals (Ansel Hillmer)
12 Real-time functional MRI (Michelle Hampson)

19 MR Spectroscopy (Doug Rothman)
26 MRI-based metabolic imaging (Zac Corbin)

April

2 Multivariate pattern analysis (Jeffrey Wammes)
9 Rediscovering EEG as a functional neuroimaging method (Hal Blumenfeld)