

The Medical Imaging Technology Development Core (MITDC) of the OU COBRE in Cancer Imaging Invites You to Attend a

Workshop Series on MITDC Shared Equipment:

NIRScout X Functional Near Infrared Spectroscopy System

Presented by Dr. Han Yuan's Lab

Day/Time: August 9, 2024, from 1:00-2:00 PM

Venue: Two Partners Place, Room 126, OU, 3100 Monitor Ave. Norman, OK 73019

NIRScout X functional near infrared spectroscopy (fNIRS) system is a human brain imaging system compatible with transcranial magnetic stimulation (TMS). The NIRScout X System can support up to 64x LED-2 illuminators and 32x detectors, and it is capable of multi-system and multi-subject measurements. The system is currently configured with 4x Avalanche Photodiode detector cards which connect to 16x detector leads through TMS-compatible bundles of 4x detector fibers. The system is also compatible with electroencephalography, transcranial direct and alternating current stimulation, eye-tracking, and other modalities to study the healthy participants and patients.

We will demonstrate NIRScout X functional near infrared spectroscopy system for their capabilities and availability, especially as a medical imaging modality/equipment for patient cancer imaging and research.

All are welcome, please register:

https://ousurvey.qualtrics.com/jfe/form/SV_e9b5N6roZyDP6Ps

If you have questions, please contact Dr. Han Yuan: hanyuan@ou.edu and Dr. Yuhua Li at yhli1500@ou.edu.



(Photo Credit: NIRx Medical Technologies)



(Photo Credit: Yuan Lab)