GALLOGLY COLLEGE OF ENGINEERING The UNIVERSITY of OKLAHOMA | Stephenson CANCER CENTER The UNIVERSITY of OKLAHOMA | GALLOGLY COLLEGE OF ENGINEERING OKLAHOMA CENTER OF MEDICAL IMAGING FOR TRANSLATIONAL CANCER RESEARCH (OCMICR) The UNIVERSITY of OKLAHOMA

Please join us

OCMICR Cancer Imaging for Core Equipment Workshop Series:

Medical 3D Imaging Facility Open House

Presented by Yuhua Li, Rodrigo Cuenca Martinez, Gabriel Tortorelli

Day/Time: August 28, 2025; Between 2:00-4:00pm

Venue: Stephenson Research and Technology Center (SRTC)
The University of Oklahoma
101 David L. Boren Blvd., Norman, OK 73019

This workshop series will showcase innovative medical imaging modalities, equipment, and technologies that support cutting-edge biomedical research. Hosted at the Medical Imaging Research Facility within the Stephenson Research and Technology Center (SRTC) at the University of Oklahoma, this series will spotlight a wide array of advanced imaging platforms that drive both technological breakthroughs and clinical applications.

Phase-sensitive breast tomosynthesis (PBT), also known as a 3D mammogram, creates a three-dimensional image of breast tissue by combining multiple two-dimensional X-ray images. During the procedure, an X-ray tube moves in an arc around the breast, capturing images from various angles. These images are then reconstructed by a computer to produce detailed, layered views of the breast, improving the clarity and accuracy of the screening.

Attendees will have the opportunity to see live demonstrations of **the advanced medical 3D imaging systems**, including:

- Phase-Sensitive Breast Tomography (PBT) System (1145G)
- Micro-CT 3D Scanner (1145F)
- Dual-Excitation Multispectral FLIM Endoscopy System (1160)
- Additional cutting-edge 3D imaging technologies

This event will offer hands-on exposure to the facility's state-of-the-art imaging capabilities and highlight the resources available to support interdisciplinary research across the University of Oklahoma (OU) and the OU Health Sciences Center (OUHSC). Researchers from diverse fields are encouraged to attend and explore how these tools can enhance their scientific investigations.

If you have any questions, please contact Dr. Javier Jo at javierjo@ou.edu or Dr. Qinggong Tang at qtang@ou.edu or Dr. Yuhua Li at yhli1500@ou.edu or Dr. Rodrigo Cuenca Martinez at rodrigo.cuenca@ou.edu and Gabriel Tortorelli at gabriel.tortorelli@ou.edu