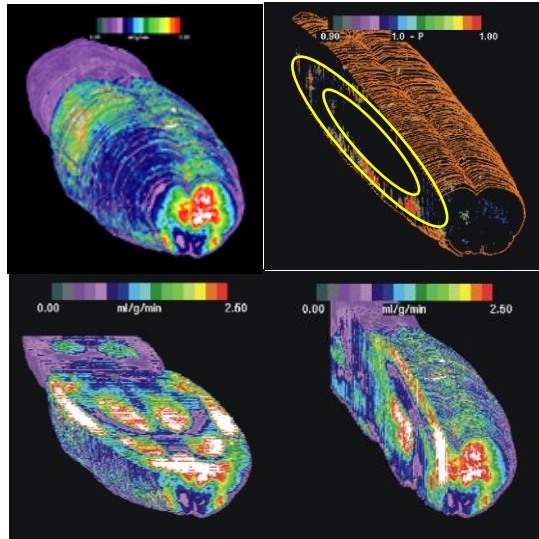




# BIOMEDICAL IMAGING and MEDICAL PHYSICS

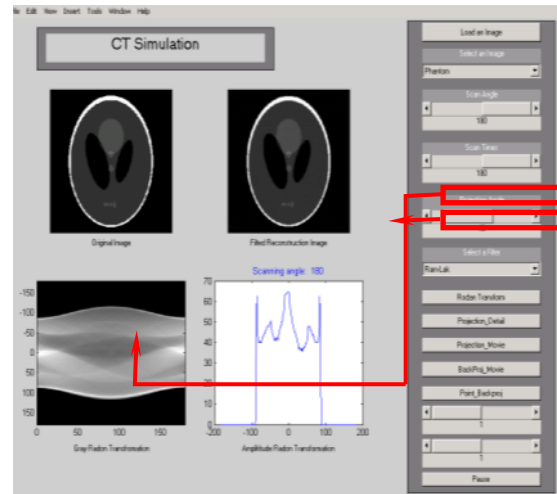
**Weizhao Zhao, Ph.D.**

Our mission is to apply imaging and physics techniques to basic science research and clinical applications through collaborations with different departments at Miller School of Medicine and industry.

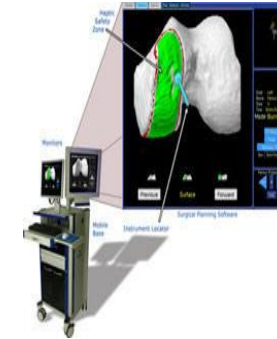


**Radioisotope induced imaging to label physiological signal for experimental neuroscience**

(collaboration with Depts. of Neurology and Neurosurgery).



**Medical imaging simulation for radiation research and curriculum development**



**Image-guided Intervention for robotic orthopedic surgery and radiosurgery**  
(collaboration with Depts. of Radiation Oncology and Industry).