

Jia Wu, PhD
Assistant Professor
Imaging Physics
Thoracic/Head & Neck Medical Oncology (*jointly appoint*)
MD Anderson Cancer Center

I am an Assistant Professor on the tenure track in the Departments of Imaging Physics and Thoracic Head & Neck Medical Oncology. I am a dedicated young scientist specializing in translational cancer research, with specific expertise in machine learning, medical image analysis, and radio-genomics. My research lab is focused on creating innovative computational tools for medical imaging to tackle unmet challenges in cancer prevention, diagnosis, and treatment selection and monitoring. Additionally, my team has conducted preliminary image-genomics investigations to delve into the biological and immunogenomic foundations of imaging biomarkers. We have published a series of influential research studies in journals of radiology, pathology, and oncology, encompassing radiomics, pathomics, and radiogenomics. Our studies have received editorial recognition from respected publications including *Lancet Digital Health*, *Nature Machine Intelligence*, *Radiology*, *the Journal of Pathology*, and *Modern Pathology*.