

Wood Bio

Dr. Bradford Wood is Chief of IR and founding Director of the [NIH Center for Interventional Oncology](#) who develop and translate devices, software, and navigation approaches for cancer patients within a multi-disciplinary framework. Biomedical engineering is applied to unmet clinical needs via novel local and regional minimally-invasive image-guided therapies. His team's achievements include helping to pioneer technologies from concept to bench to patient, including “first-in-human” for device/drug combinations: prostate cancer MRI/TRUS fusion biopsy and ablation, image-able iodinated drug eluting beads for chemoembolization, kidney, adrenal and pheochromocytoma cancer ablation, heat-deployed nanoparticle chemotherapy with thermal ablation for liver cancer, electromagnetic tracking for fusion of ultrasound to CT, MR, and PET, and fusion for biopsy and ablation. Metrics include 50 patents, books on radiology and interventional urology, ~ 600 publications (H-index of 94) including JAMA, NEJM, Nature Medicine, Nature Comm, Science, Lancet, Blood, Chest, Cancer, JCO, Clin Cancer Res, JNCI, JAMA Oncology, Hepatology, Medical Physics, and Scientific Reports. He has productive smart friends, partners, colleagues, and public-private partnerships.

