

## QIBA Round-1 Funded Projects by Modality

Modality	Institution	Project Title	Primary Investigator
<b>MR</b>			
<b>DCE-MRI</b>	Duke University Medical Center	Digital Reference Object for DCE-MRI analysis software verification	Daniel Barboriak, MD
	The University of Texas M.D. Anderson Cancer Center	DCE-MRI Phantom Fabrication, Data Acquisition and Analysis, and Data Distribution	Edward Jackson, PhD
	VirtualScopics, Inc.	Software Development for Analysis of QIBA DCE-MRI Phantom Data	Edward Ashton, PhD
<b>fMRI</b>			
	Duke Brain Imaging and Analysis Center	Quantitative Measures of fMRI Reproducibility for Pre-Surgical Planning - Development of Reproducibility Metrics	James Voyvodic, PhD
	Medical College of Wisconsin	Quantitative Measures of fMRI Reproducibility for Pre-Surgical Planning – Long Term and Functional Reproducibility	Edgar DeYoe, PhD
<b>NM</b>			
<b>FDG-PET-CT</b>	Johns Hopkins University School of Medicine	Analysis of SARC 11 Trial PET Data by PERCIST with Linkage to Clinical Outcomes	Richard Wahl, MD
	University of Washington	QIBA FDG-PET/CT Digital Reference Object Project	Paul Kinahan, PhD
	VU University Medical Center, The Netherlands	Meta-analysis to analyze the robustness of FDG SUV changes as a response marker, post and during systemic and multimodality therapy, for various types of solid extracerebral tumors	Otto S. Hoekstra, MD, PhD
<b>CT</b>			
<b>VOL-CT</b>	Columbia University Medical Center	Validation of Volumetric CT as a Biomarker for Predicting Patient Survival	Binsheng Zhao, DSc
	David Geffen School of Medicine at UCLA, Department of Radiology	Assessing Measurement Variability of Lung Lesions in Patient Data Sets	Michael McNitt-Gray, PhD
	Duke University Medical Center	Development of Assessment and Predictive Metrics for Quantitative Imaging in Chest CT	Samuel Richard, PhD
	University of Colorado Denver, Department of Radiology	Quantifying variability in measurement of pulmonary nodule (solid, part-solid and ground glass) volume, longest diameter and CT attenuation resulting from differences in reconstruction thickness, reconstruction plane, and reconstruction algorithm.	Kavita Garg, MD
	<b>SUB-AWARDS:</b>	Inter-scanner/inter-clinic comparison of reader nodule sizing in CT imaging of a phantom	Charles Fenimore, PhD (Project Mgr)
	UCLA		Michael McNitt-Gray, PhD
	UCLA		Grace Kim, PhD
	CoreLab Partners		David Clunie, MBBS