

2022 Radiology Research Symposium Program

3:00 pm Chair's Introduction - Elizabeth Morris, MD

3:05 pm VC Research Introduction - Ramsey Badawi, PhD

3:10 pm Session 1: Invited talks, 8 minutes each, 2 minutes questions

Looking aHead: Simultaneous PET/MRI for Brain at UC Davis	Audrey Fan, PhD
Diagnostic and Quality Improvement Insights Enabled by a Comprehensive NLP Pipeline for Radiology and Pathology Reports	Tom Loehfelm, MD
"3D PrintViz" Laboratory: UC Davis's Medical 3D Printing and Visualization Laboratory	Osama Raslan, MD
Industry Partnerships to develop Advanced PET Scanners	Simon Cherry, PhD
Engaging health disparities in biomedical imaging research	Felipe Godinez, PhD

4:00 pm Coffee Break

4:15 pm Session II: Proffered talks, 6 minutes each, 2 minutes questions

High resolution CT for lung nodule characterization: a multi-reader comparison against conventional normal resolution CT	Anthony Chen, MD
Molecular Imaging of Nonalcoholic Steatohepatitis (NASH): A Collaborative Team Effort at UC Davis Health	Guobao Wang, PhD
Automated whole brain segmentation of T ₂ w MRI brain scans of rats exposed to organophosphates using a U-Net neural network	Valerie Porter, BS
Effect on Intra-procedural Metrics of Pre-procedural CT Angiography prior to Conventional Angiography in Trauma Patients with Active Extravasation on Initial Portal Venous Phase Imaging	Frank Liou, MD
CD8-Targeted Total-Body PET Imaging of T Cells in Patients Recovering from COVID-19	Negar Omidvari, PhD
Meniscus MRI	Cyrus Bateni, MD
High-grade pediatric renal trauma: prognostic value of ureteral contrast	Philip Kim, MD
Total-body perfusion imaging using [¹¹ C]-butanol	Elizabeth Li, PhD
AI-based Automated Lipomatous Tumor Segmentation in MR Images	Quinn Ng, MD, PhD
First-in-human imaging and dosimetry of novel integrin [¹⁸ F]αvβ6 binding peptide in patients with metastatic carcinoma	Cameron Foster, MD

5:35 pm Prizes: Best resident abstract, best graduate student abstract, best postdoctoral fellow abstract

Ramsey Badawi, PhD

5:40 pm Posters and Food

7:00 pm Close