



## Diagnostic and Nuclear Medical Physics Residency Program Resident Research Presentations

*Last updated: 11/17/2020*

- **Topbas C, Fong G**, Singh V, Hulme K, Li X. Using Exposure Index to Develop Thickness-Based Technique Chart for Cross-Table Lateral Hip Radiography, **AAPM 2020** (Blue Ribbon ePoster)
- **Fong G**, Wunderle K, Assessing Digital Image Receptor Performance Using the Noise-Response Method: A Feasibility Study for Routine Quality Control, **AAPM 2020** (Talk)
- **Fong G**, Wunderle K, Comparison of Patient Fluoroscopic Water-Equivalent Thicknesses to a Common Patient-Equivalent Phantom, **AAPM 2019** (Poster)
- **Barreto B**, Hulme K, Image Quality Comparison between Enhanced Multiple Parameter Iterative Reconstruction (EMPIRE) and Filtered Back Projection in Digital Breast Tomosynthesis (DBT) using the American College of Radiography (ACR) Digital Mammography Phantom, **RSNA 2019** (Alternate for Oral)
- **Barreto B**, Schoenhagen P, Dong F, Impact of reconstruction kernel and iterative reconstruction on coronary calcium scores, **AAPM 2018** (Poster)
- **Zhao A**, Hulme K, Evaluation of American College of Radiology (ACR) Mammography Accreditation Phantom Image Quality of a Grid-Less and Software-Based Scatter Correction Technology, **RSNA 2018** (Oral)
- **Zhao A**, Wunderle K, Godley A, Review of Patients Undergoing Fluoroscopically-Guided Interventions and External Beam Radiation Therapy Within a Quaternary Care Medical Center, **AAPM 2018** (Poster)
- **Zhao A**, Wunderle K, An Analytical Approach for Estimating Angular Change of a C-Arm Fluoroscope Necessary to Provide Discrete X-Ray Fields at the Plane of Patient Skin in Fluoroscopically Guided Interventions, **AAPM 2017** (Oral)