All of the diagnostic radiology residents are actively encouraged to pursue research interests. This process is initiated early in their training. During their first few months, all first year residents have a one-on-one meeting with the residency director or associate residency director to discuss research within the department. During this discussion, the residents are informed of the American Board of Radiology’s requirement to provide documentation of a research effort. Detailed conversation focuses upon the many research opportunities within the department, and the residents are encouraged to use the program directors as a future resource. Later on in their residency, the resident’s research interest is revisited during their semi-annual review. Our residents have a well-established history of research success. At the end of this document, there is a listing of their presentations and publications over the past five years.

Starting three years ago, a residency research track was created. This pathway focuses upon providing extensive research opportunities to talented applicants with a documented track record of research success. Trainees within the research track can petition for up to 12 months of dedicated research time over the course of their diagnostic radiology residency. Our research track emphasizes the importance of creating a curriculum tailored to the resident’s project and research goals. We believe that an individualized pathway holds greater promise for success than a more structured and concrete regimen. Our first research track resident started their training in July of 2016, and we will be welcoming two new residents to this pathway in July of 2017.

Resident Publications:


23. Covington MF, Kuo PH. Occult cost of cancers from CT scans. Online publication on KevinMD.com, syndicated on KevinMD social media network January 2015.


34. 10 Ways A Radiologist’s Kid Will Pay for Her College... (Mostly) on Her Own - June 17, 2016 See more at: http://www.hcpline.com/physicians-money-digest/contributor/dr-wise-money/2016/06/10-ways-a-radiologists-kid-will-pay-for-her-college-mostly-on-her-own#sthash.yc4kpgdZ.dpuf. Amanda Liu

**Resident Presentations:**


15. Covington MF, Urbina S, Krupinski E, Stolz L, Martin DR, et al. Noncontrast MRI versus contrast enhanced CT for evaluation of suspected appendicitis in patients <40 years: cost considerations and impact on emergency department patient throughput. Presented at the RSNA Annual Meeting,


25. Incidental Findings on Magnetic Resonance Imaging (MRI) of the Chest in Patients Undergoing Pulmonary Embolism Evaluation Michelle Hershman, MD, Jason Anderson, MD, Isabel Oliva, MD, Diana Palacio, MD

26. Safety guidelines for MRI Imaging in pregnant patients, Jason Anderson for the RSNA Conference November 2015

28. Covington MF, Kuo PH. Hidden cost of cancer attributable to CT scans. Accepted for presentation at ARRS 2016.

29. Covington MF, Choudhary G, Kuo PH. Optimizing nuclear pleuropertitoneal shunt imaging. Accepted for presentation at ARRS 2016, Los Angeles, CA.


31. Pericardial effusion in a setting of bacterial endocarditis. Haramrit Hansra Department of Medical Imaging Scholarly Day May 2016

32. Left-sided Innominate Artery Arising From The Main Pulmonary Artery With A Right-sided Aortic Arch And Tetralogy Of Fallot-Bryce D. Olsen, DO, Michelle Hershman, MD, Scott Klewer, MD, Michael D. Seckeler, MD, MSc, Dorothy Gilbertson-Dahdal, MD. Department of Medical Imaging Scholarly Day May 2016

33. Incidental Findings on Magnetic Resonance Imaging (MRI) of the Chest in Patients Undergoing Pulmonary Embolism Evaluation Michelle Hershman, MD, Jason Anderson, MD, Isabel Oliva, MD, Diana Palacio, MD

34. Comparison of Contrast Enhanced MRI versus Hepatobiliary Scintigraphy in the Diagnosis of Chronic Cholecystitis- Philip Ho, MD; Seung Hur, MD; Bobby Kalb, MD; Iva Petkovska, MD; Hina Arif Tiwari, MD; Ferenc Czyzyda-Pomersheim, MD; Diego Martin MD, PhD, James Costello MD, PhD. Presentation at SAR (Society of Abdominal Radiology Meeting March 2016 Hawaii) and our Department Scholarly Day May 2016


36. QI project is to educate incoming interns on medical imaging study modalities and their specific applications. Tamara Lundeen QI project.

37. High-Risk Coronary Plaque at Coronary CT angiography is associated with Nonalcoholic Fatty Liver Disease, Independent of Coronary Plaque and Stenosis Burden: Results from the ROMICAT II Trial. Chris Miller Journal Club presentation.
38. Contrast Reaction Basic Life Support Kit in Outpatient Diagnostic—Emily Nia, Dorothy Gilbertson-Dahdal MD. Presentation at the 2015 ASER meeting and our Department Scholarly Day May 2016

39. Tumor Seeding Along Biopsy Tract. Viral Patel Presentation at our Department Scholarly Day May 2016


41. Accurate Diagnosis of Fibromas and Fibrothecomas using Advanced MRI Techniques, Electronic Educational Poster, Society of Abdominal Radiology (March 13-18, 2016) Sowby, James

42. Workflow Analysis and Redesign for outpatient MRI Scans Preformed at the Academic Medical Center-: Wyatt Unger MD, Alex Wallace, Clint Jokerst MD, Diego Martin MD

43. Physician Knowledge, attitudes and recommendations regarding lactation in patients undergoing contrast-enhanced imaging studies. Winsor, Kimberly