

R & R

RECOGNIZE & REWARD

August 2024



Banner
University Medical Center
Tucson



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON
Medical Imaging

HEROES of the BLUE SCREEN

When the systems went down on July 19, 2024 – they helped to save the day

- ▶ Trevor Huff, MD
- ▶ RJ Wruble, DO
- ▶ Wayne Phan
- ▶ Melissa Ruiz Montijo
- ▶ Jamie Everson
- ▶ Mark Torres, Jr.
- ▶ Precious M. Wall
- ▶ Fernando Leon
- ▶ Michelle Faull
- ▶ Meiko Onken
- ▶ Unni Udayasankar, MD



Heroes of the Blue Screen Awards

August 7th



Pictured left – Dr. Rubin announces the awards to the online and in-person participants of the 7:00 am Operations Council meeting.

Right - Dr. Rubin presented two of the awards to Trevor Huff and RJ Wruble during the 12 noon Resident conference.

RECOGNITION



Salil Kalarn, third year DR Resident, was recently recognized for his outstanding “Collaborative Contributions” by a faculty physician via the Banner Health MVP online recognition system.

Dr. Kalarn was commended for going above and beyond on the morning of the Microsoft/Cerner outage. The attending physician expressed gratitude for Dr. Kalarn who provided direct assistance reading out scans in the Emergency Department. He was praised for his commitment to help in all rotations, not just the one he was assigned to, during a critical time. Dr. Kalarn’s willingness to pitch in saved critical time helping trauma patients.

Dr. Kalarn is appreciated for his dedicated and selfless teamwork that benefitted trauma patients at Banner University Medical Center.



Salil Kalarn, DO
Diagnostic Radiology Resident, 3rd Year

RECOGNITION



Shamar Young, MD, was recently recognized as being “Customer Obsessed” by an appreciative colleague via the Banner Health MVP online recognition system.

Dr. Young was highly commended for the work he does for patients every day. The author described that Dr. Young was mentioned by name and given praise in a recent patient survey. The patient appreciated Dr. Young’s expertise, care and moreover, the time he took to explain the ultimate treatment plan.

Dr. Young is commended for making a difference in the lives of patients at Banner University Medical Center.



Shamar Young, MD
Division Chief, Interventional Radiology

CONGRATULATIONS

Kudos to [Unni Udayasankar, MD](#), for his recent recognition by the American Board of Radiology (ABR).

Dr. Unni received a Volunteer Service Award in acknowledgement and appreciation of his ongoing and exceptional service in fulfilling the ABR mission.

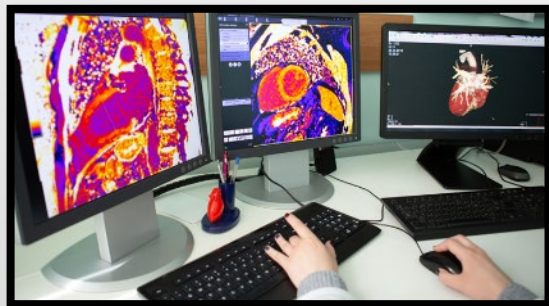


Unni Udayasankar, MD
Vice Chair Quality and Safety

APPRECIATION

[Luca Caucci, PhD](#), was recently acknowledged for his tremendous efforts while helping Medical Imaging faculty and Residents with PHI detection on images and presentations. Serving as our Departmental **Information Review Officer**, Dr. Caucci has been exceptional in his prompt responses and consistent support over the past couple of years.

For more information about the Image Review Process, view the [workflow document](#) on the MI Internal site.



Luca Caucci, PhD
Assistant Research Professor

CONGRATULATIONS

- ▶ [Srini Vedantham, PhD](#), was invited to present a **Bruce Hasegawa Memorial Lecture** at the University of California at San Francisco (UCSF). As the Director of Biomedical Imaging Innovation / Clinical Translation in Next-Gen CT, Dr. Vedantham shared his expertise presenting “Dedicated Breast CT: Towards Clinical Translation for Breast Cancer Screening.”



- ▶ Congratulations to Dr. Vedantham for completing a 4-year service to the National Institutes of Health (NIH) as a Chartered Member of the [CTIS Study Section](#). (three section meetings held annually)



Srinivasan Vedantham, PhD
Professor, Medical Imaging
and Biomedical Engineering

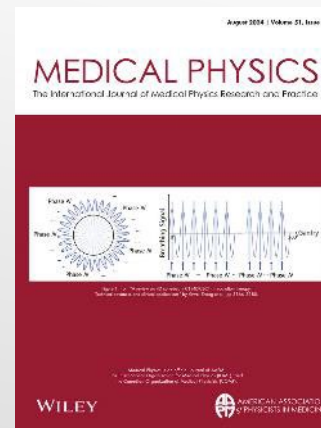
PUBLICATION

- ▶ AAPM Task Group Report 299: Quality control in multi-energy computed tomography

Layman RR, Leng S, Boedeker KL, Burk LM, Dang H, Duan X, Jacobsen MC, Li B, Li K, Little K, Madhav P, Miller J, Nute JL, Giraldo JCR, Ruchala KJ, Tao S, Varchena V, **Vedantham S**, Zeng R, Zhang D

Medical Physics [EPub 2024 Jul 29].

[DOI: 10.1002/mp.17322](https://doi.org/10.1002/mp.17322)



Srinivasan Vedantham, PhD
Professor, Medical Imaging
and Biomedical Engineering

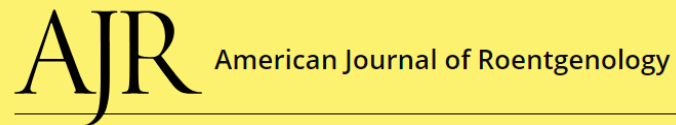
PUBLICATION

► Biliary Duct Dilatation: AJR Expert Panel Narrative Review

Daniel R. Ludwig, MD, Malak Itani, MD, David D. Childs, MD, Margarita V. Revzin, MD, MS, Koushik K. Das, MD, Mark A. Anderson, MD, **Hina Arif-Tiwari, MD**, Mark E. Lockhart, MD, MPH, and Ann S. Fulcher, MD

AJR Am J Roentgenol. 2024 Apr;222(4):e2329671.

doi: [10.2214/AJR.23.29671](https://doi.org/10.2214/AJR.23.29671). Epub 2023 Jul 26.

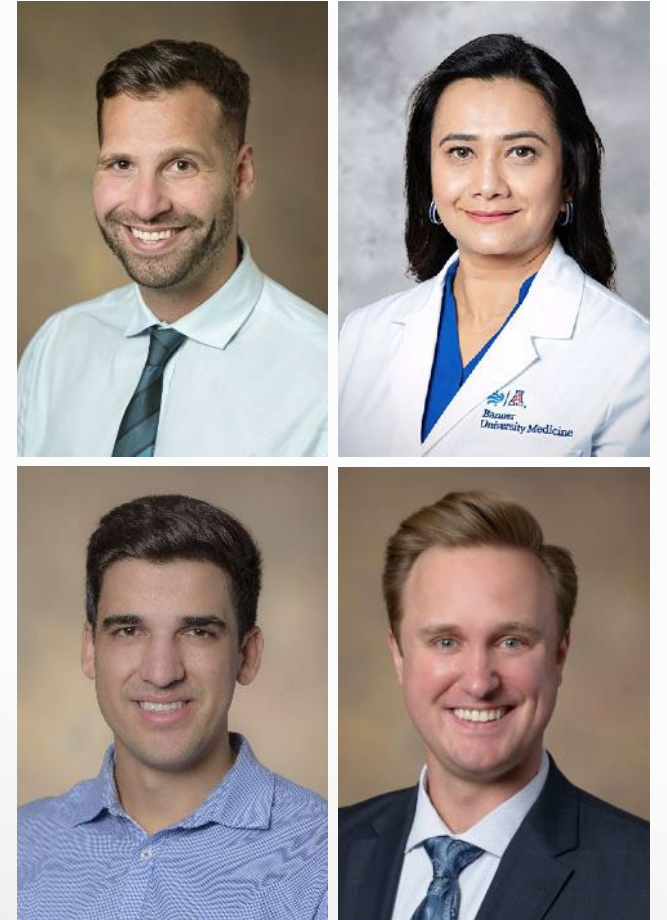
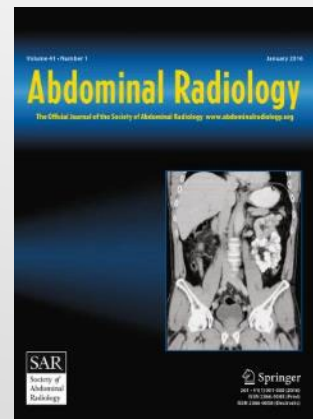


Hina Arif-Tiwari, MD, FSAR
Professor, Medical Imaging,
Medicine, Pathology, and Surgery

PUBLICATION

- ▶ Traveling gallstones: review of MR imaging and surgical pathology features of gallstone disease and its complications in the gallbladder and beyond

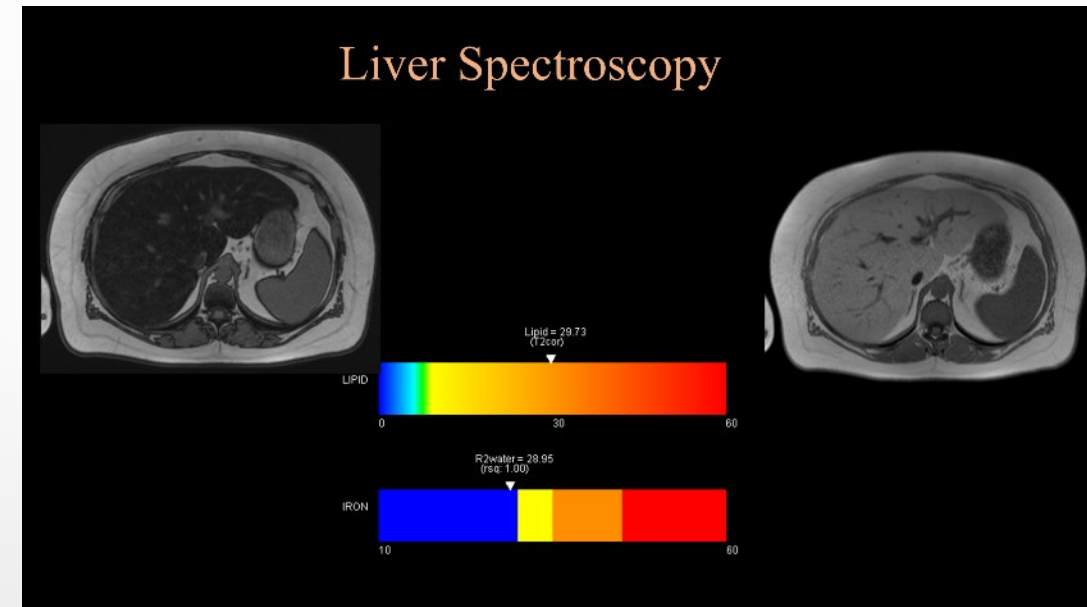
Gabriel Duhancioglu, Hina Arif-Tiwari, Stefano Natali, Conner Reynolds, Neeraj Lalwani & Ann Fulcher
Abdom Radiol (NY). 2024 Mar;49(3):722-737.
[doi: 10.1007/s00261-023-04107-5](https://doi.org/10.1007/s00261-023-04107-5). Epub 2023 Dec 3.



Clockwise: Gabe Duhancioglu, Hina Arif-Tiwari, Stefano Natali and Conner Reynolds

INNOVATION STORIES: ABDOMINAL IMAGING

- ▶ Chronic liver disease, Non-alcoholic fatty liver disease (NAFLD) and Non-alcoholic Steatohepatitis (NASH) are forms of liver disease affecting millions of people in the United States alone. An estimated 100M Americans have NAFLD and are unaware and the incidence rate has increase by 100% in the last 20 years. NASH is the dangerous and progressive form of NAFLD expected to become the leading cause of liver transplantation in 2025.
- ▶ The **Abdominal Imaging team** has pioneered a robust, comprehensive and fast MR protocol providing early identification of disease indicators and provides the identification of active liver disease in patients.
- ▶ Abdominal Imaging is the first to diagnose liver disease and immediately refer patients for treatment.



Patients receive magnetic resonance (MR) spectroscopy of the liver which provides a quantitative measure of lipid content in the liver

CLINICAL TRIAL LAUNCHED

- ▶ Congratulations to the Interventional Radiology team!
- ▶ Primary Investigator Dr. Shamar Young is pictured in the center of the group following the successful treatment of their first patient.
- ▶ This novel Radioembolization Oncology Trial Utilizing Transarterial Eye90 (Route 90) is for the Treatment of Hepatocellular Carcinoma (HCC) commonly known as liver cancer.



PROFFERED SCIENTIFIC PRESENTATIONS

Biomedical Imaging Innovation / Clinical Translation in Next-Gen CT

- ▶ Tseng HW, Fu Z, and Vedantham S. Simultaneous Radiation Dose and Scatter Reduction in Breast CT Imaging using a Nearly Half-Sized Detector with a Self-Supervised Deep-Learning Algorithm. [8th International Conference on Image Formation in X-Ray Computed Tomography](#) (CT Meeting), Bamberg, Germany.



- ▶ Tseng HW, Fu Z, and Vedantham S. Simultaneous Reduction of Radiation Dose and X-Ray Scatter in Cone-Beam Breast CT Using Deep Learning Image Reconstruction. [66th Annual Meeting of the American Association of Physicists in Medicine](#) (AAPM), Los Angeles, CA.



- ▶ Tseng HW, Fu Z, and Vedantham S. Simultaneous Bilateral Breast CT Imaging Using a Single Laterally Shifted Detector: Preliminary Study. [66th Annual Meeting of the American Association of Physicists in Medicine](#) (AAPM), Los Angeles, CA.



Andy Tseng, PhD and
Srinivas Vedantham, PhD

INTERVENTIONAL RADIOLOGY



Penumbra recently hosted a dinner for Medical Imaging Fellows and Residents at Culinary Dropout.

Participants discussed the institution's new enrollment in the [Storm-PE trial](#) and received hands-on training time with the thrombectomy simulators.

INTRODUCING INTERVENTIONAL RADIOLOGY TO NEW MEDICAL STUDENTS

Members representing Interventional Radiology (IR) hosted a table at a recent COM-T Healthcare Club Fair held at the Health Sciences and Innovation Building (HSIB). The booth was designed to engage attendees using low-fidelity endovascular and biopsy simulators. The hands-on activities offered new medical students an exciting introduction to Interventional Radiology.

The outstanding medical student and resident leaders responsible for hosting the table included David Schaub (M4), Jacob Ref (M4), Tony Rossi (M2), and Sarah Placek, (R2).

Aug. 14



PROFESSIONAL DEVELOPMENT

August 14

- ▶ Thank you to our speaker **Kate Morizio, PharmD, BCPS**
- ▶ Watch her presentation again, [here](#)



GRAND ROUNDS/ PROFESSIONAL DEVELOPMENT

**Contrast - Induced
Hypersensitivity Reactions**

- Wednesday, 8/14
- 12 noon - 1 pm
- COM-T Rm. 2117 and [zoom](#)

KATE MORIZIO, PHARM.D, BCPS
Clinical Pharmacy Specialist, Emergency Dept.
Banner - University Medical Center Tucson



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON
Medical Imaging



COLLEGE OF MEDICINE TUCSON
Medical Imaging

WELCOME HAPPY HOUR

Friday | August 23rd | 6:00 - 9:00 PM

CORBETT'S
340 N 6th Ave.
Tucson | 85705



Radiology Residents Incoming Class of 2024



2024-2025 COMPOSITE

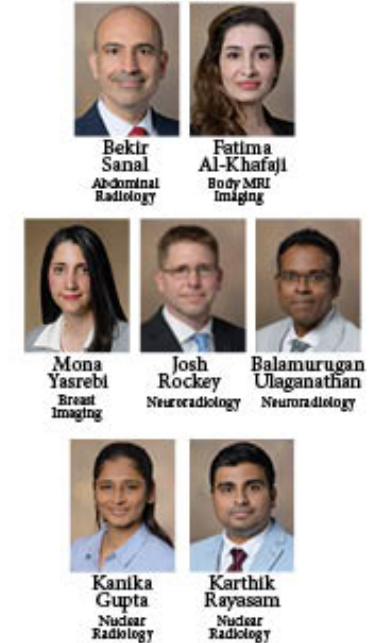
DEPARTMENT OF MEDICAL IMAGING RESIDENCY / FELLOWSHIP TRAINING PROGRAMS

2024-2025

Diagnostic Radiology Residency



Fellows



Interventional Radiology Residency

IR Integrated Residents



IR Independent Residents





August 2024



Construction Update

- Our Departmental Space Renovation Project is underway. Demolition of the old offices began on August 5.
- Temporarily housed on the basement and 2nd floors of Tower 4, we are eagerly awaiting our new home on the 1st floor of Tower 4, estimated to be completed by December 2025.

Coming Up:
Celebration of Life
event in honor of our
dear colleague,
[JP Galons.](#)

- Sunday, September 22 at
4 pm
- Ted and Margaret
Trouard's home

A Celebration of Life For JP Galons



Please join us as we celebrate JP with a casual evening of stories, memories, food, and drink.

Sunday, September 22nd at 4 pm
Ted and Margaret Trouard's home
2026 E Kleindale Rd, Tucson, AZ 85719