

R&R

RECOGNIZE & REWARD

April 2025



Banner
University Medical Center
Tucson

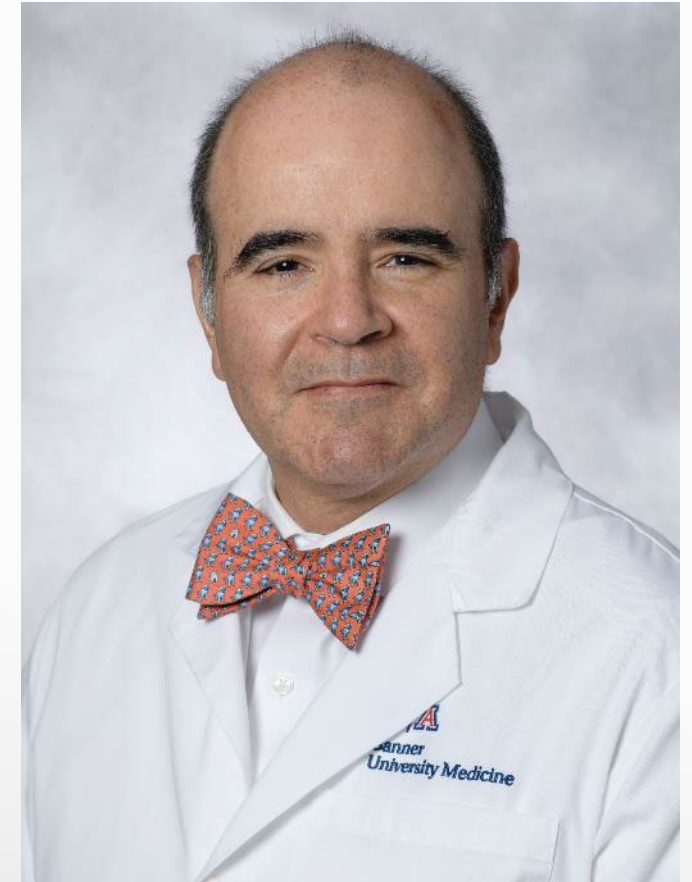


THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON
Medical Imaging

WELCOME NEW FACULTY

Santiago Martínez-Jiménez, MD, FACR

- ▶ DOCTOR OF MEDICINE
Colegio Mayor de Nuestra Señora del Rosario | Bogotá, Colombia
- ▶ DIAGNOSTIC RADIOLOGY RESIDENCY
Colegio Mayor de Nuestra Señora del Rosario | Bogotá, Colombia
- ▶ CARDIOTHORACIC RADIOLOGY FELLOWSHIP AND CARDIAC MRI FELLOWSHIP
Duke University Medical Center, Durham, NC
- ▶ CARDIAC CTA FELLOWSHIP
Massachusetts General Hospital, Harvard Medical School
- ▶ Saint Luke's Health System Physician Leadership Development Program Henry W. Bloch School of Management | University of Missouri



**CARDIOTHORACIC
RADIOLOGY**

WELCOME

New Baby Boy

Congratulations to the Sommer family! Their precious son **Owen Sommer** arrived on March 20 at 7:44 am weighing 8 lbs., 8 ounces.

Proud Father, **Evan**, is a 4th Year DR Resident.



WELCOME New Baby Girl



Beautiful baby girl **Mila Cooper-Roth** arrived on April 5th weighing 7 lbs., 7 ounces, and measuring 21 inches long. She's already impressing everyone by being in the 99th percentile for height!



Congratulations to the Cooper-Roth family.

Proud Father, **Tristan**, is a 3rd Year DR Resident.

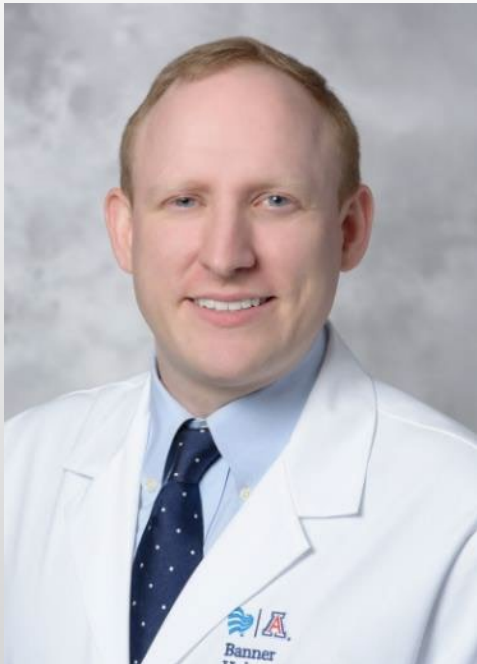




BANNER HEALTH HEROES



- Congratulations to **Dan Goldberg, MD**, (Interventional Radiology) and **Jawad Hussain, MD**, (Musculoskeletal Imaging) for being recognized as Banner Health Heroes during the April 23rd Medical Imaging Faculty Meeting.
- The [Banner Health Hero program](#) offers patients, families, and team members an opportunity to recognize exceptional healthcare professionals through a philanthropic donation made in their honor.
- Drs. Goldberg and Hussain were presented with framed awards to commemorate their dedication, compassion and impactful contributions.



From left: Dan Goldberg, MD, Jawad Hussain, MD, Chair Geoffrey Rubin, MD, poses with Dr. Goldberg, Hollie Rotenberg is pictured presenting the two awards and Dr. Hussain is pictured in attendance online.

STROKE CERTIFICATION KUDOS

Medical Director of the Stroke Program, [Ealaf AlRabia, MD](#), shared her gratitude for the departmental contributions made during the recent Comprehensive Stroke Center (CSC) recertification process. *Neuroradiology Faculty, Radiology Residents* and Radiology Technologists were commended for their outstanding support and collaborative efforts.

A special thanks was mentioned for **Jamie Crooks**, Associate Director, Medical Imaging (CT and MRI), for her outstanding support and superb implementation of protocol changes.



Congratulations to the Stroke Program Team!



PRESENTATIONS/PUBLICATIONS

- ▶ Using gradient of Lagrangian function to compute efficient channels for the ideal observer

Weimin Zhou, Proc. SPIE 13409, Medical Imaging 2025: Image Perception, Observer Performance, and Technology Assessment, 134090C (10 April 2025); <https://doi.org/10.1117/12.3046673>

- ▶ Task-based regularization in penalized least-squares for binary signal detection tasks in medical image denoising

Wentao Chen, Tianming Xu, and **Weimin Zhou**, Proc. SPIE 13409, Medical Imaging 2025: Image Perception, Observer Performance, and Technology Assessment, 134090P (10 April 2025); <https://doi.org/10.1117/12.3048886>

- ▶ Ambient-denoising diffusion generative-adversarial networks for establishing stochastic-object models from noisy-image data

Xichen Xu, Wentao Chen, and **Weimin Zhou**, Proc. SPIE 13409, Medical Imaging 2025: Image Perception, Observer Performance, and Technology Assessment, 134090T (10 April 2025); <https://doi.org/10.1117/12.3047936>



Weimin Zhou, PhD

SPIE.

PUBLICATION

- Specialty Imaging: HRCT of the Lung
3rd Edition - April 25, 2025
Imprint: [Elsevier](https://www.elsevier.com)

Santiago Martínez-Jiménez, Melissa L. Rosado-de-Christenson, Sherief Garrana

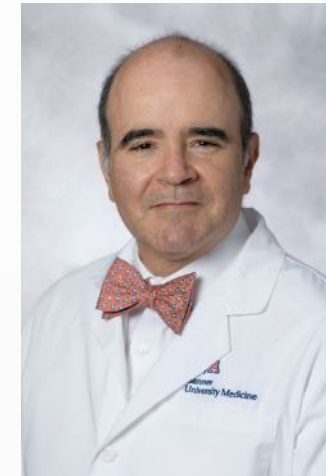
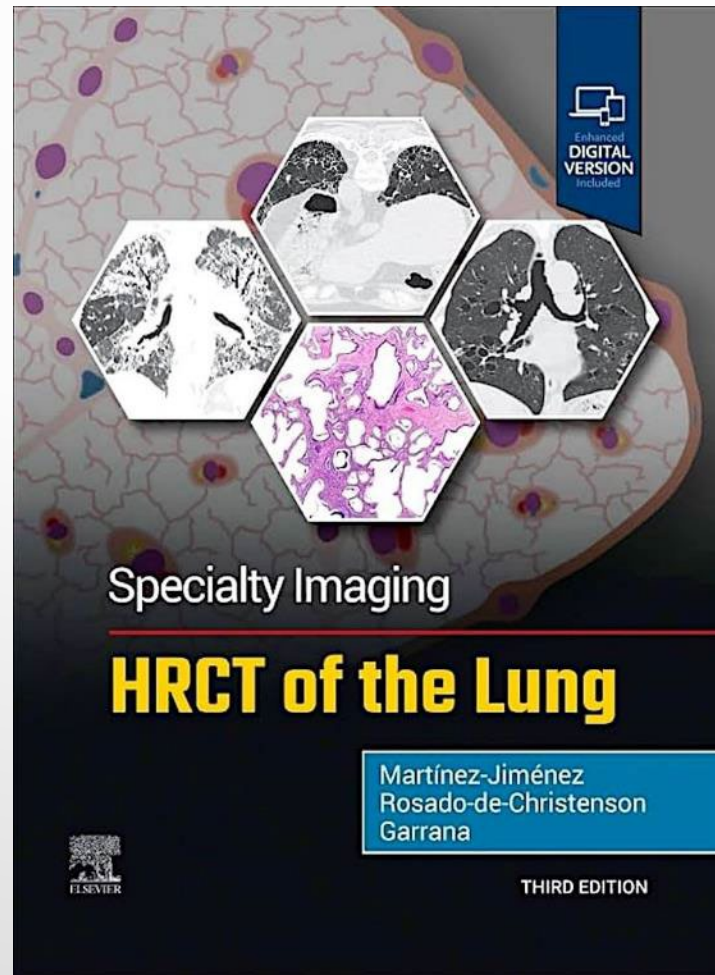
Hardback ISBN: 9780443286360

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eBook ISBN: 9780443286377

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eBook ISBN: 9780443286384



Santiago Martínez-Jiménez, MD,
Melissa Rosado de Christenson, MD
and Kavitha Yaddanapudi, MD
(contributing chapter author)

PUBLICATION

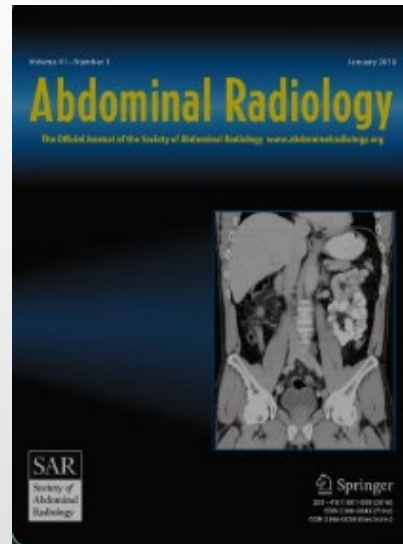
► Imaging of Endometriosis-Related Infertility

Kristine S Burk, **Hina Arif-Tiwari**, Tanya Chawla, Haatal B Dave, Izabela Pires Franco⁶, Pamela Causa-Andrieu, Liina Poder, Luciana P Chamie

Abdominal Radiology

2025 April, Online ahead of print

DOI: [10.1007/s00261-025-04926-8](https://doi.org/10.1007/s00261-025-04926-8)



Hina Arif-Tiwari, MD, FSAR

PUBLICATION

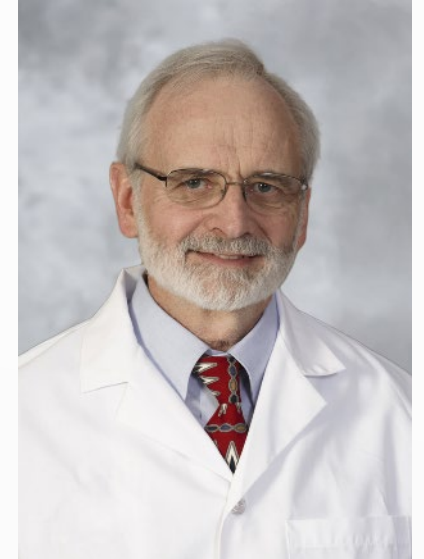
- An Unusual Case of H3K27-Altered Diffuse Midline Glioma Presenting as a Third Ventricular Mass

Hayley Mitchel, **Trevor Huff**, Kirsten Pickard, **Raymond Carmody**, **Hasan Ozgur**, Alexis Elliott, Samuel Rogers

Cureus

April 10, 2025, Online ahead of print

Cureus 17(4): e82035. [doi:10.7759/cureus.82035](https://doi.org/10.7759/cureus.82035)



Trevor Huff, MD, Hasan Ozgur, MD and
Raymond Carmody, MD

Cureus
Part of **SPRINGER NATURE**

April 8 | 8:30 am – 4:00 pm
Health Sciences Innovation Building

OUTREACH



OUTREACH

April 8 | HSIB

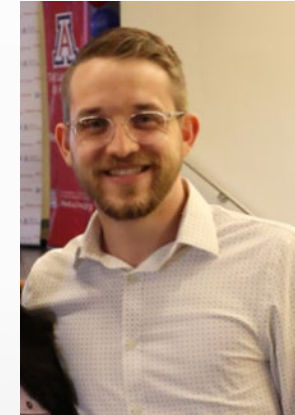
Fellow, Resident and Medical Student research was showcased during the 3rd Annual Ginny L. Clements Breast Cancer Research Institute Symposium.



- ▶ Title: Advanced MR Technology for Comprehensive Placental Assessment
- ▶ Presenters: **Fatima Al-Khafaji, MD**, and **Gabriella Mamo, DO**
- ▶ Mentor: Hina Arif-Tiwari, MD



- ▶ Title: MR Imaging of hilar cholangiocarcinoma: systematic approach to challenging cases.
- ▶ Presenter: **Bekir Sanal, MD**
- ▶ Mentor: Hina Arif-Tiwari, MD



- ▶ Title: Radiomics in Oncology: Advancing Precision Medicine Through Quantitative Imaging
- ▶ Presenter: **Spencer Holmes**, Med Student, COM-T, '26
- ▶ Mentor: Hina Arif-Tiwari, MD

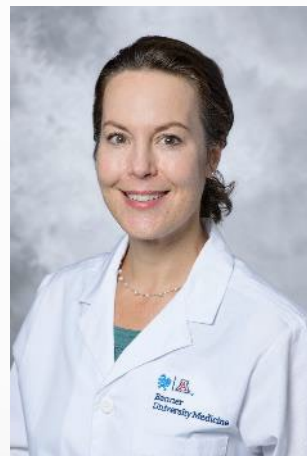
OUTREACH

March 29

B-UMCT DuVal Auditorium and COM-T Social Hall

Holly Thompson, MD, MPH and **Greg Woodhead, MD, PhD**, participated in two outreach engagements. They teamed up to deliver two lectures. First, to Physician audience and second, to a Patient advocacy group.

Pictured, right, is a portion of Dr. Woodhead's patient talk as he demonstrates making the challenging topic of IR ablation methods “fun” for the audience!



ANNUAL MEETING: SPR 2025

April 7 - 11 | Honolulu



Unni Udayasankar, MD, presented during the Society for Pediatric Radiology Annual Meeting in Honolulu.

Part of the XI-C: Clinical Panel - How Should We Call the Volcano? AI Panel Pros and Cons: Effect on Education and Implementation, Dr. Udayasankar served as a panelist during the 9:00 am session, "Real World AI Experience: Making it Happen."

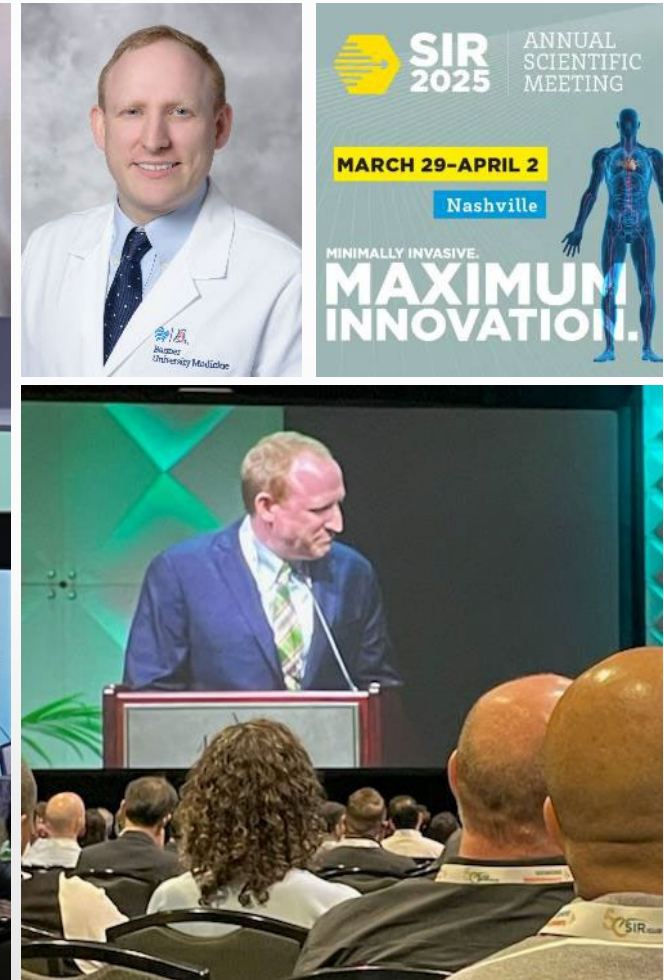


Unni Udayasankar, MD, FRCR

ANNUAL MEETING: SIR 2025

March 29 – April 2 | Nashville

- ▶ Interventional Radiology had an amazing presence during the Society of Interventional Radiology (SIR) 2025 meeting.
- ▶ Dan Goldberg, MD, is pictured presenting during *Extreme IR* - the largest session.
- ▶ Excellent presentations were also given by our medical students to highlight the unique research coming out of the group.
- ▶ Participants included faculty members: Michael Dake, MD, FSIR, Shamar Young, MD, Greg Woodhead, MD, PhD, Jack Hannallah, MD, MBA, MPH, and Lucas Struycken, MD. Residents included Zach Fitzgerald, MD, Michael Lee, MD, Sarah Placek, DO, and Nick Guimbarda, MD, with Medical Students Arsenios Chriskos, David Schaub and Anthony Rossi.



ANNUAL MEETING: SIR 2025



Shamar Young, MD

Session Presentations

- ▶ Dosimetry in HCC: Current State of the Art
- ▶ Should IO + Immunotherapy be the standard of care for intermediate and advanced HCC in 2025? (IO + immunotherapy)

Session Moderator

- ▶ All Paths Lead Through Dosimetry: An Overview of the Ever-evolving Science of Dosimetry in Y90
- ▶ Educational Exhibit Presentations - Embolization
- ▶ Interventional Oncology 3



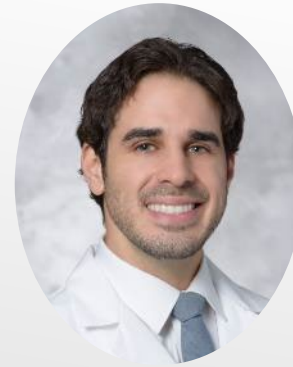
Daniel Goldberg, MD

Session Presentation

- ▶ Extreme IR: Just Because It Happened, Doesn't Mean You Have To Take A Picture Of It

Presentation

- ▶ Inpatient Interventional Radiology Rounding Service - Is It Worth It?
- ▶ Presenting Author: **Jack Hannallah, MD, MBA, MPH**
- ▶ Co-authors: Shamar Young, MD; Daniel Goldberg, MD; Artyom Abramyan, DO; Ilaria Vittoria De Martini, MD; Lucas Struycken, MD; Gregory Woodhead MD, PhD



Jack Hannallah, MD

ANNUAL MEETING: SIR 2025



Presentation

- ▶ Thoracic Duct Interventions: A Comparison of Outcomes Across a Variety of Approaches
- ▶ Presenting Author: **Michael Lee, MD**
- ▶ Co-authors: Zachary Fitzgerald, MD; Nicholas Guimbarda, MD; Ilaria Vittoria De Martini, MD; Lucas Struycken, MD; Gregory Woodhead MD, PhD



Presentation

- ▶ Positive Impact of a Single-Day Educational Event on High School Students' Awareness, Understanding, and Interest in Interventional Radiology
- ▶ Presenting Author: **Sarah Placek, DO**
- ▶ Co-authors: Conner Reynolds, DO; Ina Rios, C-TAGME; Gregory Woodhead, MD, PhD



Presentation

- ▶ Impact of Pre-Procedural Albumin on Outcomes Following Transjugular Intrahepatic Portosystemic Shunt Placement
- ▶ Presented by visiting researcher: **Arsenios K. Chriskos** from the Aristotle University of Thessaloniki
- ▶ Co-authors: Lucas Struycken, MD; Gregory Woodhead MD, PhD; Ilaria Vittoria De Martini, MD; Jack Hannallah, MD, MBA, MPH; Daniel Goldberg, MD; Shamar Young, MD

ANNUAL MEETING: SIR 2025



Presentation

- ▶ Outcomes from Prophylactic Intercostal Artery Embolization in Patients with Traumatic Hemothorax Refractory to Surgical Intervention
- ▶ Presented by: **Nicholas Guimbarda, MD**
- ▶ Co-authors: Zachary Fitzgerald, MD; Michael Lee, MD; Sarah Placek, DO; Arsenios K. Chriskos; Ilaria Vittoria De Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Shamar Young, MD; Gregory Woodhead MD, PhD; Lucas Struycken, MD



Presentation

- ▶ Coccidioimycosis as a Cause of Massive Hemoptysis: Outcomes from Transcatheter Embolization in an Endemic Population
- ▶ Presented by: **Zachary Fitzgerald, MD**
- ▶ Co-authors: Michael Lee, MD; Sarah Placek, DO; Arsenios K. Chriskos; Ilaria Vittoria De Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Shamar Young, MD; Gregory Woodhead MD, PhD; Lucas Struycken, MD



Presentation

- ▶ Evaluating the Learning Curve and Efficacy of Percutaneous Transhepatic Cholangioscopy with the SpyGlass System as an Alternative to Endoscopic Retrograde Cholangiopancreatography
- ▶ Presented by: **Arsenios K. Chriskos**
- ▶ Co-authors: Shamar Young, MD; Lucas Struycken, MD; Gregory Woodhead MD, PhD; Ilaria Vittoria De Martini, MD; Jack Hannallah, MD, MBA, MPH; Daniel Goldberg, MD

ANNUAL MEETING: SIR 2025



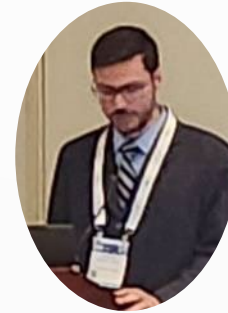
Presentation

- ▶ Factors Contributing to Persistent Gastropexy Following Gastrostomy Tube Removal: Considerations for Future Gastric Interventions
- ▶ Presented by incoming DR 2026 resident: **David Schaub**
- ▶ Co-authors: Anthony Rossi; Elka Rubin, BS; Ilaria Vittoria De Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Shamar Young, MD; Gregory Woodhead MD, PhD; Lucas Struycken, MD



Presentation

- ▶ Long-Term Migratory Patterns of T-Fastener Anchors Post G-Tube Insertion: A Retrospective Review
- ▶ Presented by UA COM-T IR Interest Group president: **Anthony Rossi**
- ▶ Co-authors: David Schaub; Elka Rubin, BS; Ilaria Vittoria De Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Shamar Young, MD; Gregory Woodhead MD, PhD; Lucas Struycken, MD



Presentation

- ▶ Examining Racial Disparities in MELD Scores Predictions for Post-TIPS Mortality and Readmission
- ▶ Presented by: **Arsenios K. Chriskos**
- ▶ Co-authors: Lucas Struycken, MD; Daniel Goldberg, MD; Gregory Woodhead MD, PhD; Ilaria Vittoria De Martini, MD; Jack Hannallah, MD, MBA, MPH; Shamar Young, MD

MVP RECOGNITION



Shamar Young, MD, was recognized on Doctor's Day via the Banner Health MVP online recognition system: "BH – CELEBRATE."

Dr. Young is commended for the outstanding care he provides the liver transplant patients at [Banner University Medical Center](#). The dedication he brings to the team shows every day!

Thank you, Dr. Young!



Shamar Young, MD
Division Chief
Interventional Radiology

WOMEN IN RADIOLOGY

Medical Imaging Faculty, Residents, and Fellows gathered at *Locale* for a recent Women in Radiology (WIR) Event, celebrating connection and inspiration.

The camaraderie shared by this exceptional group was, and continues to be, genuinely heartwarming.



WIMS LEADERSHIP PANEL DISCUSSION

March 19 | 5:00 – 6:30 pm
COM-T Social Hall

In honor of Women Physicians Day, International Women's Day, and Women's History Month, WIMS hosted a Leadership Panel Discussion on "Moving Forward Together and Inspiring Change."

Hina Arif-Tiwari, MD, FSAR, moderated the event highlighting the leadership of trailblazing women who are shaping the future of medicine and science.



Above: **Alison Flynn Gaffney, FACHE**: CEO B-UMCT and B-UMCS, **Taylor Riall, MD, PhD, FACS**: Associate Director, University of Arizona Cancer Center, **Hina Arif Tiwari, MD, FSAR**, Assistant Dean, WIMS, and Vice Chair of Clinical Affairs, Medical Imaging, **Tejal M. Parikh, MD**: Director, Comprehensive Education Core and Associate Dean, Admissions, **Tally Largent-Milnes, PhD**: Associate Professor of Pharmacology, Assistant Professor, BIO5 Institute

COMING UP

May 7 | 12:00 – 1:00 pm
COM-T 2117

Join us for an *in person*
Grand Rounds
presentation!

Volunteer faculty member
at Banner/UA, Dr. Kettler
has served as a radiology
educator in Kenya, Ethiopia,
Ghana and Guyana.



MARK D. KETTLER, MD

Clinical Associate Professor, Diagnostic Radiology
Oregon Health and Sciences University
Associate Professor of Radiology, Wayne State University

GRAND ROUNDS

Giving Back: Opportunities for Volunteer Work in Radiology for Underserved Populations

- Wednesday, May 7
 - 12 - 1 pm
 - COM-T 2117



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON
Medical Imaging

RECENT PRESENTATION

Dr. Luu gave an insightful Grand Rounds on April 16th.

Watch the presentation again on [Panopto](#) or use the QR code to access the recording.



CARRIE LUU, MD, FACS, FSSO
Clinical Assistant Professor, Surgery
Oncology Division
College of Medicine - Tucson

GRAND ROUNDS

Multi-Disciplinary Team Building - Developing a Hepatic Artery Infusion Program

- Wednesday, April 16
 - 12 - 1 pm
 - COM-T 3117



RESEARCH DAY 2025

Thank You



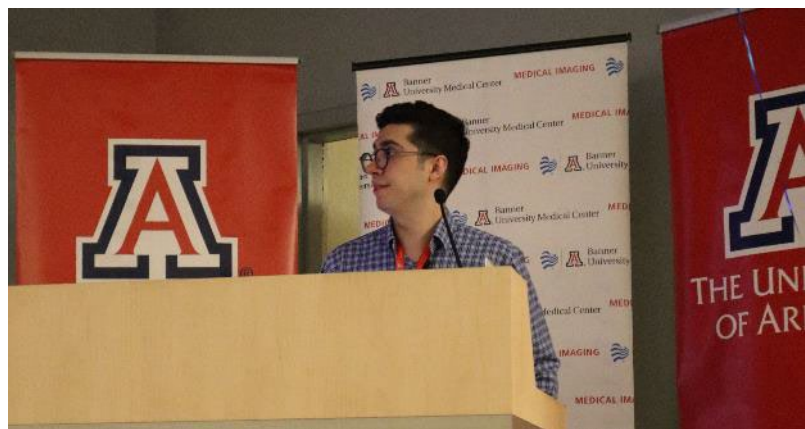
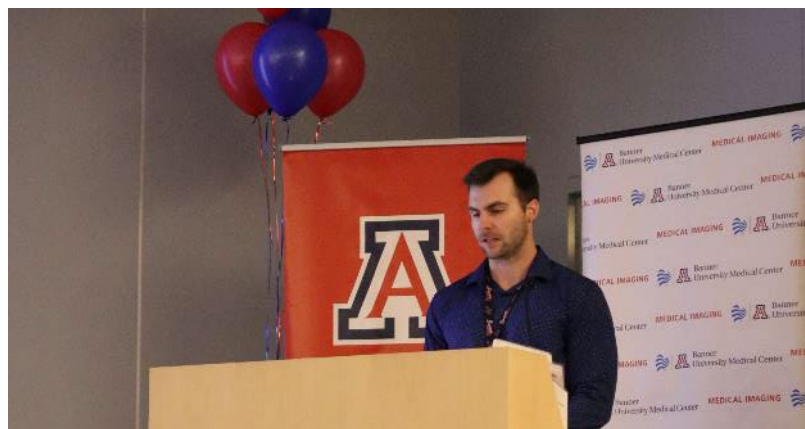
April 25
11:15 - 1:30

Quva Auditorium



RADIOLOGY RESIDENT & FELLOW RESEARCH DAY

- ▶ Our 11th Annual Radiology Research Day was a resounding success!
- ▶ Awards for these outstanding contributions will be announced during the Graduation event on June 13th.
- ▶ A heartfelt thank you to our esteemed panel of judges for their invaluable support: *Paul Capp, MD, Geoffrey Rubin, MD, Dorothy Gilbertson, MD, and Lars Furenlid, PhD.*



11th ANNUAL RESEARCH DAY

11 Presentations Total

Radiology Resident & Fellow
RESEARCH DAY
2025

Thank You



April 25
11:15 - 1:30
DuVal Auditorium





11th ANNUAL RESEARCH DAY

Faculty Appreciation Luncheon

Radiology Resident & Fellow
RESEARCH DAY
2025

Thank You



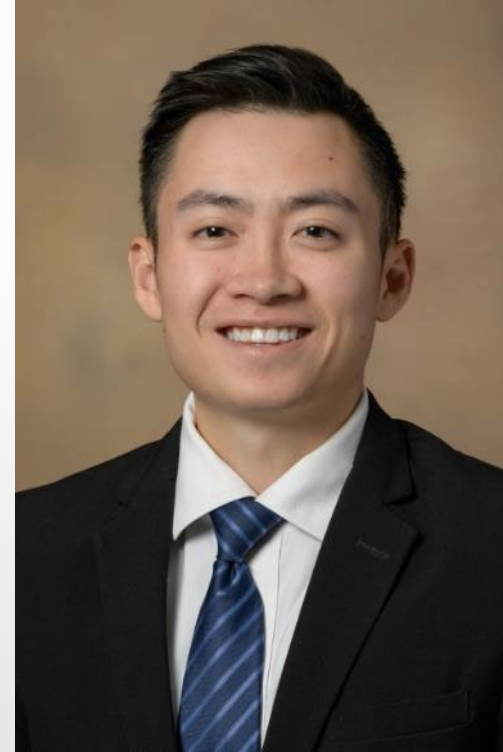
April 25
11:15 - 1:30
DuVal Auditorium

Medical Imaging



RESIDENT CHIEFS ANNOUNCED

Congratulations to our 2026-2027 Diagnostic Radiology Chief
Residents: **Cheyenne Moffett**, **Salikh Murtazaliev** and **Andrew Nguyen**



RESIDENT SPOTLIGHT

Where do you call home?

Miami, Florida or wherever they have espresso

What do you wish others (colleagues, friends, family) knew about what you do?

I have the best job in medicine.

What is on the horizon after graduation?

Heading to Boston for an abdominal imaging and interventional fellowship at Brigham and Women's Hospital...then ideally an academic job in the southeast region near family and friends!

3 fun facts

1. Speak Spanish, Italian, and English
2. Won 2 Tucson basketball league championships with the HemoglobinTrotters
3. I was born on Easter, and my mom dressed me up like the Easter Bunny!



Stefano Natali, DO
4th Year DR Resident

RESIDENT SPOTLIGHT

Where do you call home?

I grew up in the small town of Portsmouth, OH, but am planning on being in Tucson over the long term. So, Tucson is my home!

What do you wish others (colleagues, friends, family) knew about what you do?

I suppose it's not anyone's responsibility to understand the work of a radiologist, aside from radiologists. But it would be fun to let people try to read an MRI of the brain so they could understand the challenge of the field.

What is on the horizon after graduation?

I'll be staying at the University of Arizona for a fellowship in Neuroradiology and have signed on to be a Neuroradiology attending thereafter.

3 fun facts

1. I recently had my first child, a handsome baby boy!
2. The first thing I ever wanted to be was an architect and would've likely pursued that career had I not decided on medicine in late high school. I still like designing spaces as a hobby.
3. I deeply enjoy filmmaking / photography, and outdoor adventures. In a fantasy life, I'd be an adventure photographer / filmmaker.



Evan

Evan Sommer, MD, MBA
4th Year DR Resident



RESIDENT PHOTO 2025

NATIONAL CHAMPIONS

Amy Jennings and her husband, **Ibrahim Fatkullin**, competed at the United States National Amateur Dancesport Championships in Provo, Utah, from March 14-15, 2025. They won the ballroom championship event in their age category (30+) and earned a national title. The pair has competed together nationally and internationally for nine years.

Amy is a Program Coordinator in the COM-T Department of Medical Imaging and Ibrahim is an Associate Professor in the University of Arizona Department of Mathematics.



NEWSLETTER LAUNCH

WildCAT SCAN

We are thrilled to announce our official newsletter, [WildCAT SCAN](#)! The inaugural edition, *Issue 1, Spring 2025*, marks a significant milestone in sharing departmental updates, achievements, and insights across research, clinical practice, and education.

In addition to keeping our current constituents informed, we are actively reaching out to and collaborating with our program alumni. Their experiences and expertise play a vital role in shaping our department's growth, fostering mentorship opportunities, and strengthening our professional community.

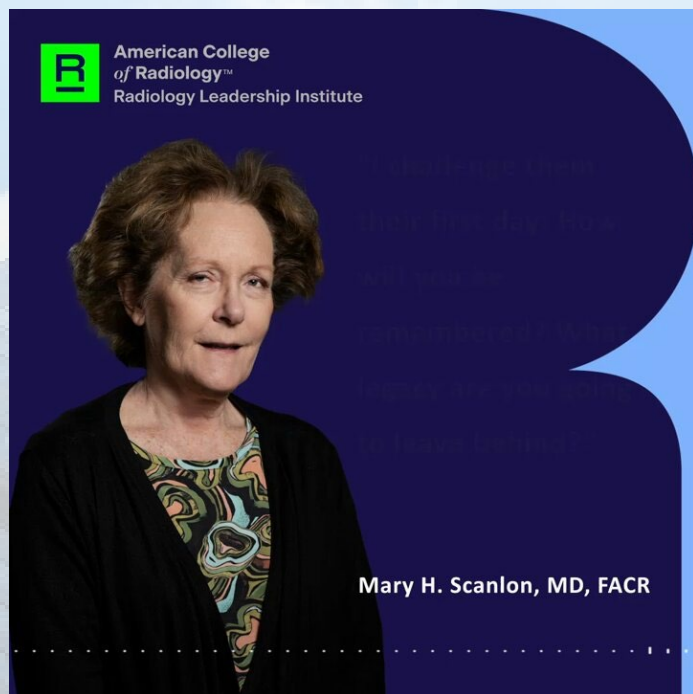
This newsletter serves as a dynamic platform to celebrate the remarkable contributions of our team—past and present. Stay tuned for future editions as we continue to highlight innovation, excellence, and the impact of our extended WildCAT Radiology network!





American College
of Radiology™


TAKING THE LEAD PODCAST



Join host Geoffrey Rubin, MD, MBA, FACR, for an engaging conversation with **Mary H. Scanlon, MD, FACR**, Professor of Clinical Radiology, Vice Chair of Education, and Director of Emergency Radiology at the Hospital of the University of Pennsylvania.

Listen to podcast episode 69,
[Persistence, Purpose, and Preparing the Next Generation](#)

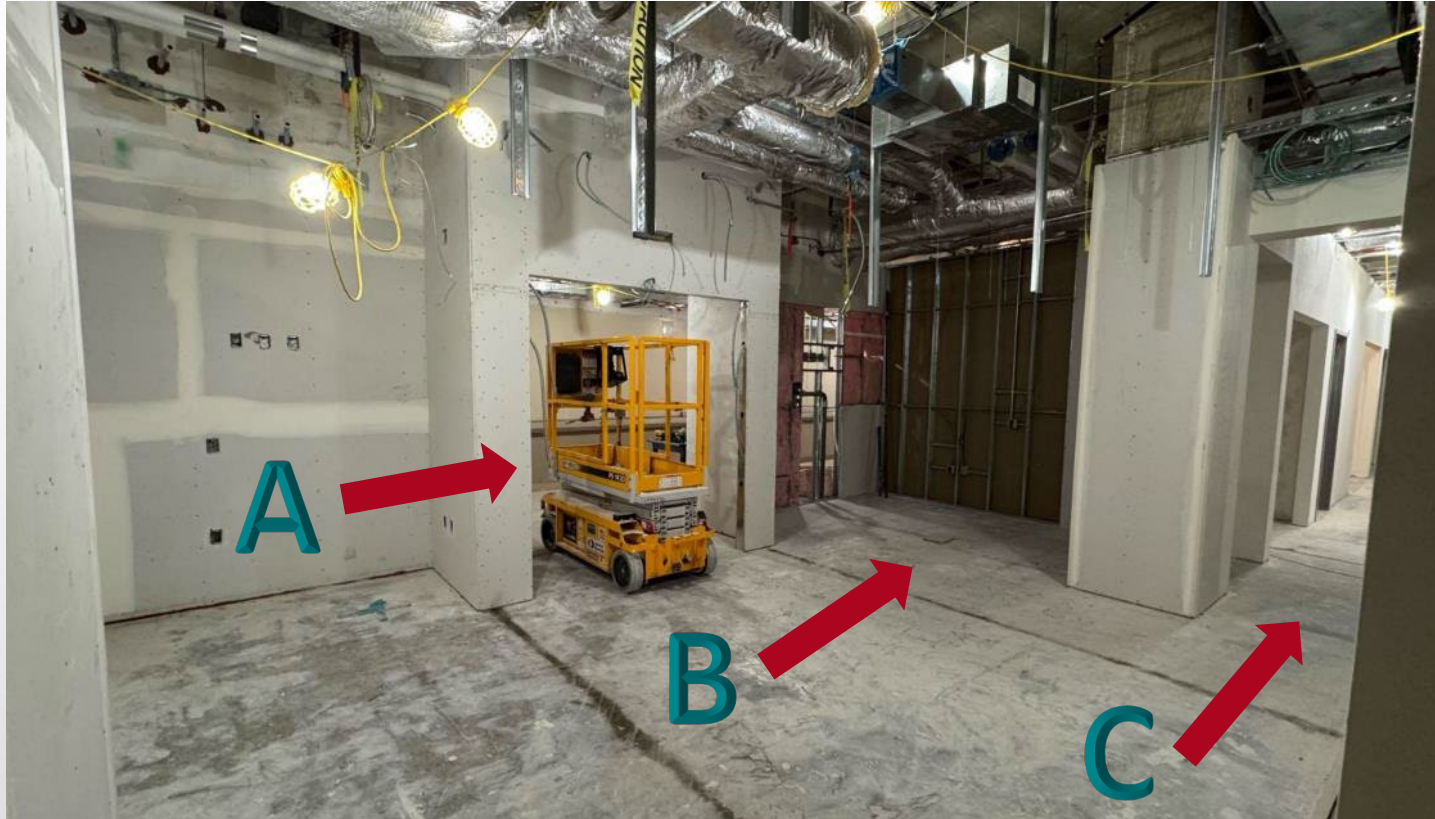


 @geoffrubin

Geoffrey Rubin, MD,
MBA, FACR
Chair and Professor,
Medical Imaging

PROGRESS UPDATE

Welcome to the reception area of our new home!



Pictured above is the departmental entrance (A) with reception desk area (B) to the right of the yellow vehicle. Pictured right is an enlarged view of the hallway above (C) with office locations beginning to take shape.

