



The University of Arizona  
**APIDA**  
**HERITAGE**  
*Month*

# R & R

## RECOGNIZE & REWARD

# May 2025



Banner  
University Medical Center  
Tucson



THE UNIVERSITY OF ARIZONA  
COLLEGE OF MEDICINE TUCSON  
**Medical Imaging**

# PROMOTION

Congratulations to **Gregory Woodhead, MD, PhD**, on his well-merited promotion to Associate Professor. He has also been granted Tenure within the University of Arizona.

A valued member of the department for the past nine years, Dr. Woodhead has played an instrumental role in the Interventional Radiology team. His leadership as Director of the Interventional Radiology – Integrated and Independent Residency Programs has shaped the next generation of specialists, ensuring excellence in education and training.

Beyond his commitment to mentorship, Dr. Woodhead is deeply engaged in diverse clinical research studies, continuously advancing the field of Interventional Radiology. His dedication to patient care, innovation, and academic excellence makes him an indispensable asset to the team.



# PROMOTION

Congratulations to **Tyson Chadaz, MD**, on his well-earned promotion to Associate Professor.

Dr. Chadaz serves as Chief of the Musculoskeletal Radiology Division and Associate Director for the Diagnostic Radiology Residency Program.

A dedicated mentor and leader, Dr. Chadaz founded and continues to lead the Resident Wellness Committee, fostering a supportive and enriching environment for future radiologists.

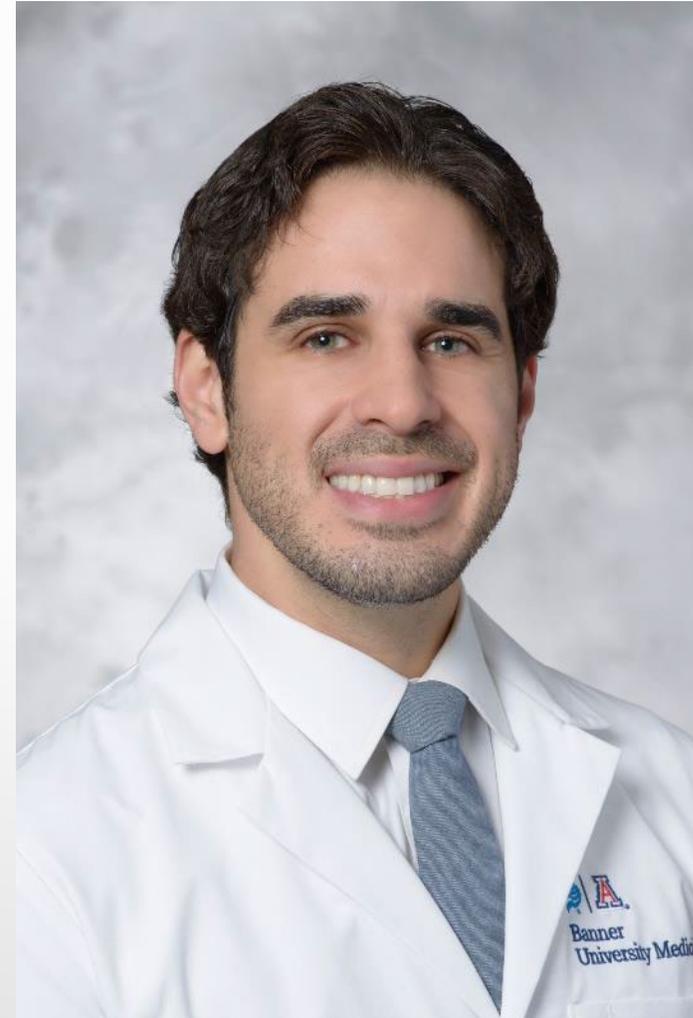


# PROMOTION

Congratulations to **Jack Hannallah, MD, MPH, MBA**  
on his well-deserved promotion to  
Associate Professor.

Dr. Hannallah serves as Associate Program Director of  
the Interventional Radiology – Integrated and  
Independent Residencies.

A model member of the Interventional Radiology  
team, Dr. Hannallah actively contributes to clinical  
studies and is deeply committed to providing the  
highest level of patient care.



# NEW STAFF MEMBER

May 27

We are delighted to welcome **Aria Doyle, MPH**, as the new Program Coordinator, Senior for Medical Student Education.

Aria holds a Master of Public Health (MPH) degree in Health Services Administration from the University of Arizona and is currently pursuing her Doctor of Behavioral Health (DBH) in Management at Arizona State University.

She brings a wealth of experience, having served for four years as Senior Program Coordinator in the COM-T Department of Pediatrics. Her expertise and dedication will be invaluable to our team.

Please join us in extending a warm welcome to Aria!



# CELEBRATION

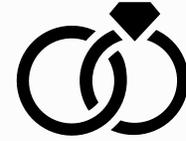


May 10

- ▶ Congratulations! Proud parents Dorothy Gilbertson-Dahdal, MD, FACR and Samir Dahdal, MD, are pictured with their daughter, Leila.
- ▶ **Leila Dahdal** has graduated [summa cum laude](#) from Barrett, The Honors College at Arizona State University.
- ▶ A proud moment for the entire family—*very well done*, Leila!



# CELEBRATION



Cheyenne Moffett, MD, a second-year Resident in Diagnostic Radiology, recently shared the joyous news of her wedding to her fiancé, John. The couple exchanged vows on May 10, 2025, during a beautiful local celebration that many described as nothing short of a fairytale.

Friends, family, and fellow residents gathered to witness the heartfelt union, making the occasion even more memorable.

Congratulations to the new couple!

Cheyenne and John are pictured during their engagement and during their wedding ceremony.



# NEW HOME/ NEW NAME

- ▶ The Arizona Board of Regents has officially approved our department's name change to **Radiology and Imaging Sciences**
- ▶ Following a departmental survey, it was clear that we strongly favored a name that better communicates our comprehensive scope of clinical care, research, and education.
- ▶ Our new name is effective on July 1, 2025!

October 2023  
group selfie



THE UNIVERSITY OF ARIZONA  
COLLEGE OF MEDICINE TUCSON

**Radiology & Imaging  
Sciences**

# PUBLICATION

- ▶ Gallbladder Cryoablation for Calculous Cholecystitis Initially Treated with Percutaneous Drainage: A Prospective Trial in High-Risk Patients

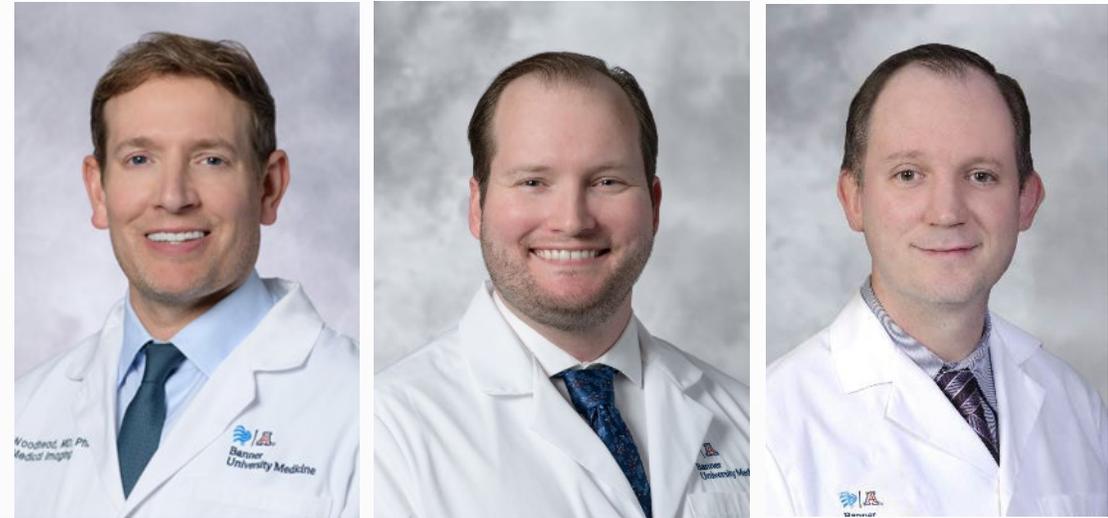
Hugh McGregor, MD, **Gregory Woodhead MD, PhD**<sup>b</sup>, **Lucas Struycken, MD**<sup>b</sup>, Abdul Khan MD<sup>b</sup>, David McNeil, MD, PhD<sup>b</sup>, Christopher Brunson, MD<sup>c</sup>, and **Charles Hennemeyer, MD**<sup>b</sup>

**J Vasc Interv Radiol**

Online ahead of print

2025 Feb 26:S1051-0443(25)00213-1.

[doi: 10.1016/j.jvir.2025.02.021](https://doi.org/10.1016/j.jvir.2025.02.021)



Gregory Woodhead, MD, PhD, Lucas Struycken, MD  
and Charles Hennemeyer, MD

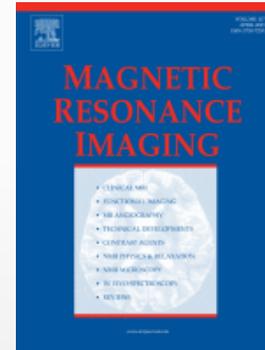
# PUBLICATIONS

- ▶ Conditional generative diffusion deep learning for accelerated diffusion tensor and kurtosis imaging  
Phillip Martin <sup>a,c</sup>, **Maria I. Altbach** <sup>b,c</sup>, **Ali Bilgin** <sup>a,b,c,d</sup>

Magnetic Resonance Imaging

Volume 117, April 2025, 110309

<https://doi.org/10.1016/j.mri.2024.110309>



Maria Altbach, PhD and Ali Bilgin, PhD

- ▶ Accelerated diffusion tensor imaging with self-supervision and fine-tuning

Phillip Martin, Diego Martin, **Maria I. Altbach**, and **Ali Bilgin**

Scientific Reports

15, 12811 (2025); 14 April 2025

[nature.com/articles/s41598-025-96459-9](https://nature.com/articles/s41598-025-96459-9)

**scientific** reports

# PUBLICATION

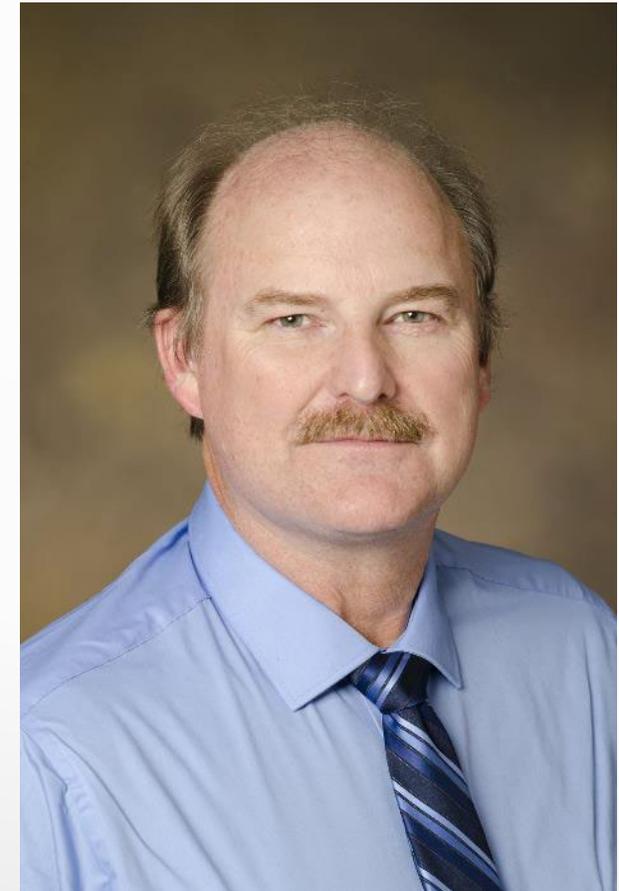
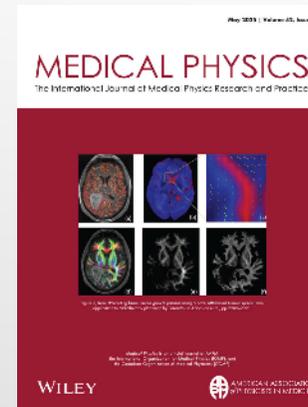
- ▶ Examination of aperture layout designs for an adaptive-stationary multi-pinhole brain-dedicated SPECT system

Kesava Kalluri, Navid Zeraatkar, Benjamin Auer, Sophia Pells, P. Hendrik Pretorius, Garrett Richards, Micaehla May, Neil Momsen, Kimberly Doty, Maria Ruiz Gonzales, Timothy Fromme, Kevin Truong, Matthew A Kupinski, Phillip H. Kuo, **Lars R. Furenlid**, Michael King

**Medical Physics**

2025 May 11

<https://doi.org/10.1002/mp.17866>



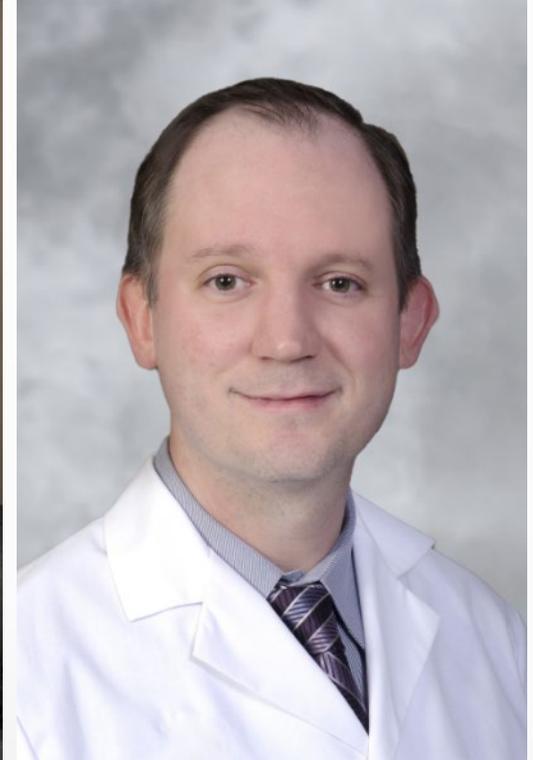
Lars Furenlid, PhD

# PATENT RECOGNITION

**Maria Altbach, PhD, and Charles Hennemeyer, MD,** were awarded Patent Coins from Tech Launch Arizona (TLA). Inventors who received patents between July 1, 2023, and June 30, 2024, were presented with personalized coins commemorating their achievements.

Dr. Altbach received recognition for **Patent No. 11860256** *MRI Streak-Artifact Suppression, System and Method*. Dr. Hennemeyer received recognition for **Patent No. US11931239**, *Percutaneous Vascular Anastomosis Device*.

Both are among COM-T faculty who helped the University of Arizona reach [No. 31 in the world on the National Academy of Inventors' list](#) of the Top 100 Worldwide Universities Granted Utility Patents list.



Maria Altbach, PhD, and  
Charles Hennemeyer, MD



# PATHWAYS TO SUCCESS 2025



Medical Imaging was a hit during the annual high school outreach program, Pathways to Success, held on April 29. Students learned how to perform ultrasound guided biopsies, taught by our amazing R1 Residents **Joel Webb** and **Ben Rounseville**. **Lizeth Peralta-Castro**, lead IR coordinator and R2 **Sarah Placek** taught students how to perform endovascular catheterization. **Ina Rios**, Program Coordinator, Senior, explained the radiology field to interested students.

Kudos to the team for inspiring many!



# ANNUAL MEETING: GEST 2025



**Shamar Young, MD** and **Greg Woodhead, MD, PhD**, moderated several sessions and were invited to give presentations during the Global Embolization Symposium and Technologies (GEST) 2025 Conference.



## May 15

- ▶ TARE Dosimetry Session VIII: Advanced dosimetry the next frontier: Thinking beyond the dose distribution, **Shamar Young, MD**



- ▶ TARE Dosimetry Session VIII: Dosing for large HCC's: How I do it, **Gregory Woodhead, MD, PhD**



## May 16

- ▶ Session IX: Masterclass IO Vascular: Master your way out of Mystery: Emulate the Masters: Masterclass demonstration: Y90 devices. **Shamar Young, MD**



# GEST 2025

Four Scientific Abstracts were Accepted for Oral Presentations

May 16

► **Curative Intent in Small HCCs a Comparison of Locoregional Treatment Methods**

Presenting author: **Sarah Placek, DO**

Authors: Shamar Young, MD; Sarah Placek, DO; Artyom Abramyan, DO;

Lucas Struycken, MD; Philip Losada, MD; Abdelrahman Abdalla, MD; Zachary Fitzgerald, MD;

Ilaria Vittoria De Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Gregory Woodhead, MD, PhD



► **Enterobiliary Fistulas After Transarterial Radioembolization (TARE): Myth or Reality?**

Presenting author: **Gregory Woodhead, MD, PhD**

Authors: Philip Losada, MD; Shamar Young, MD; Artyom Abramyan, DO; Lucas Struycken, MD;

Ilaria Vittoria de Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH;

Gregory Woodhead, MD, PhD



► **Infectious Complications Following Transarterial Radioembolization in Patients with Compromised Sphincters of Oddi**

Presenting author: **Gregory Woodhead, MD, PhD**

Authors: Abdelrahman Abdalla, MD; Shamar Young, MD; Artyom Abramyan, DO; Lucas Struycken, MD;

Ilaria Vittoria De Martini, MD; Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Gregory Woodhead, MD, PhD



May 17

► **Cryoneurolysis: Comparative Analysis of Symptomatic Improvement in Cancer vs Non-cancer Induced Upper Abdominal Pain**

Presenting author: **Sarah Placek, DO**

Authors: Shamar Young, MD; Sarah Placek, DO; Artyom Abramyan, DO; Lucas Struycken, MD;

Philip Losada, MD; Abdelrahman Abdalla, MD; Zachary Fitzgerald, MD; Ilaria Vittoria De Martini, MD;

Daniel Goldberg, MD; Jack Hannallah, MD, MBA, MPH; Gregory Woodhead, MD, PhD



# ACR ANNUAL MEETING 2025



Radiology Residents **Martin Dufwenberg, MD, Joel Webb, MD,** and **Professor Ralph Drosten, MD,** joined the [Arizona Radiology Society](#) in attending the ACR annual meeting in Washington DC May 3 – 7.

The team participated and observed the ACR council meetings where many of the important decisions regarding the practice, business, and financial aspects of Radiology are determined. Drs. Dufwenberg and Webb also participated in the Resident and Fellow section programming.

The ACR meeting culminated in the annual Capital Hill Day. Participants had the privilege of meeting with the offices of Arizona Representatives and Senators. The group discussed several important issues important to Radiology and medicine in general. Specifically, the group requested congressional support in Medicare payment reform and support of the [Radiology Outpatient Ordering Transmission \(ROOT\) Act](#), a new legislation aimed to promote value-based care, help Americans avoid unwarranted imaging and radiation exposure, and reduce Medicare spending on low-value imaging.



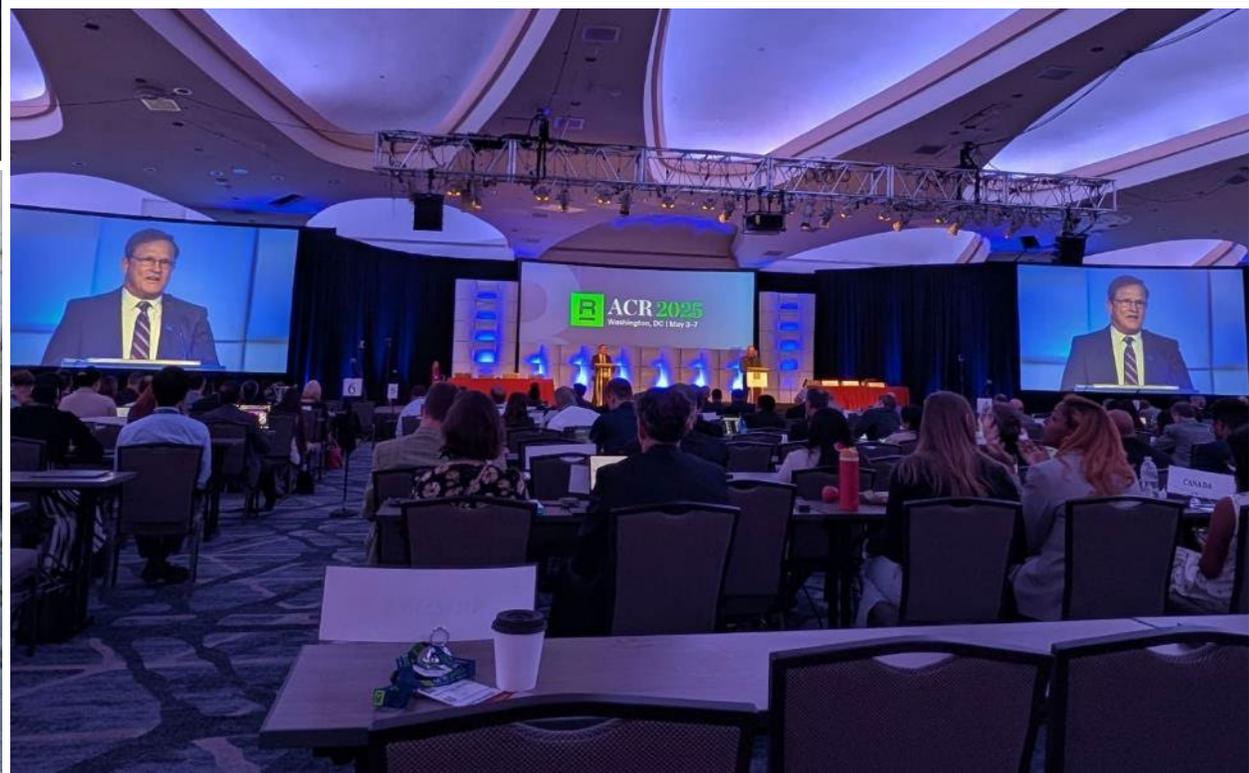
Martin Dufwenberg, MD, MPH, Joel Webb, MD and  
Ralph Drosten, MD

# ACR ANNUAL MEETING 2025



Arizona Radiology Society (ARS) participants including Martin Dufwenberg, MD, (second from left) and Joel Webb, MD, (third from right) pictured at Capitol Hill Day. Diagnostic Radiology Resident and Breast Radiology Fellow alum, Kimberly Winsor, MD, is pictured far right.

Joel Webb, MD, is pictured with Juan Ciscomani, Arizona's 6th congressional district representative



# ACR 2025



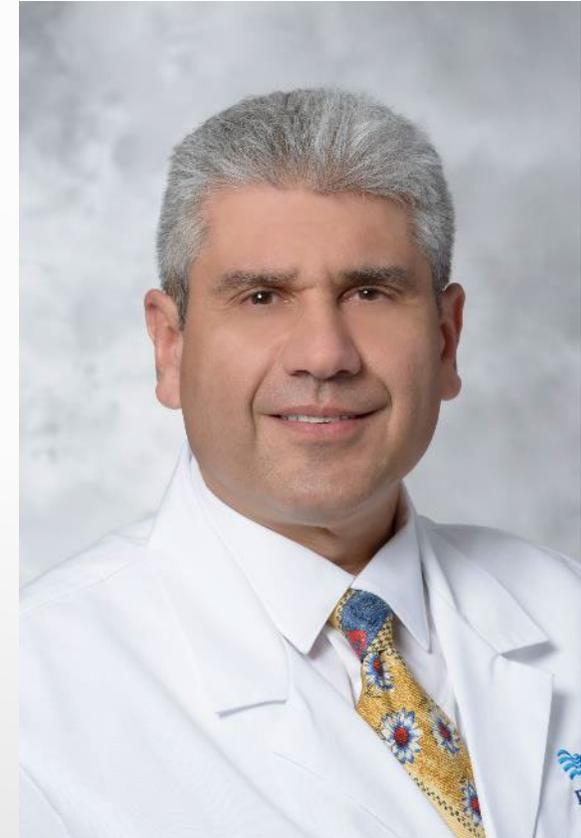
Arizona Radiology Society (ARS) attendees are pictured at the ACR RADPAC Gala, presenting at the annual meeting and at an ARS dinner meeting.



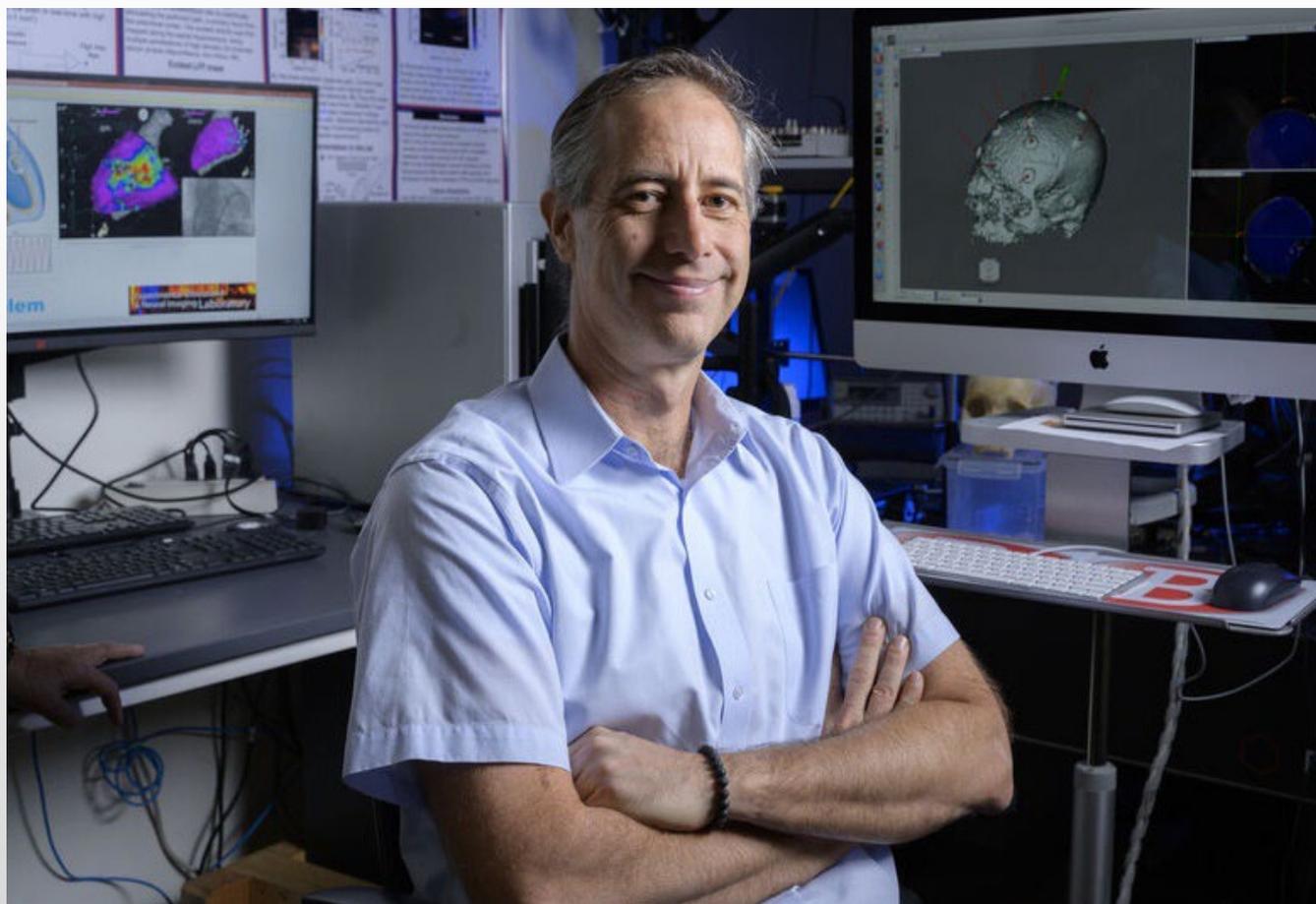
# PRESENTATION

**COSM** COMBINED  
OTOLARYNGOLOGY  
SPRING MEETINGS

- ▶ **Hasan Ozgur, MD**, Neuroradiology Chief, participated in an oral presentation for the [Combined Otolaryngology Spring Meeting \(COSM\)](#).
- ▶ The presentation, “MRI vs. CT in Acute Invasive Fungal Sinusitis: Mapping Diagnostic Accuracy Across Sinonasal Subsites,” is a collaboration with the University of Arizona, College of Medicine – Tucson Department of Otolaryngology – Head and Neck Surgery.
- ▶ COSM was held May 14 – 18 in New Orleans.



# COM-T FACULTY SPOTLIGHT



**Russell S. Witte, PhD**, professor of medical imaging, optical sciences, biomedical engineering, neurosurgery and surgery, was recently featured by the [College of Medicine – Tucson](#).

Since joining the U of A in 2007, Dr. Witte has pioneered hybrid imaging technologies that combine light, sound, microwaves and electricity. He's published 200+ papers, holds over 15 patents, and founded ElectroSonix™, LLC — a startup mapping the heart and brain with precision.

His vision is to develop a new generation of investigators in multiple disciplines branching from neuroscience, neural engineering, biochemistry, mathematics, biomedical imaging and physics.

# GRAND ROUNDS RECAP

May 7

Special guest, **Dr. Mark Kettler**, discussed global volunteer experiences and opportunities the field of Radiology.

Watch his presentation again on [Panopto](#), accessible with U of A NetID and password.

MTRH Radiology: Main entrance  
Patients pay up front!!



MTRH Radiology Registrar reading room



Images from the MOI Teaching and Referral Hospital (MTRH) located in Keyna

# PROFESSIONAL DEVELOPMENT RECAP

May 14

By request, **Dr. Melissa Rosado de Christenson** presented her Scanlon Lecture originally presented at the Society of Thoracic Radiology Annual Meeting, March 2, 2025.

Find this presentation on [Panopto](#), accessible with U of A NetID and password.



**MELISSA ROSADO DE CHRISTENSON, MD,  
FACR, FAAWR**

Professor  
University of Arizona College of Medicine - Tucson

## Professional Development: Mentorship and the Pursuit of Happiness

- Wednesday, May 14
  - 12 - 1 pm
  - COM-T 2117

# RESIDENT WELLNESS POTLUCK



Radiology Faculty, Residents and Fellows participated in a recent Wellness Potluck Lunch event held on Thursday, May 8, in Tower 1 room 201.

Participants were invited to bring a dish to share, namely something that has cultural or familial importance.

Special thanks to the event organizers:  
**Caleb Boehler, Gabby Mammo and Michele Dalmendray.**

# FELLOW SPOTLIGHT

## Where do you call home?

Where my family is, so currently, Louisville, Kentucky is my home.

## What inspired you to become a Radiologist?

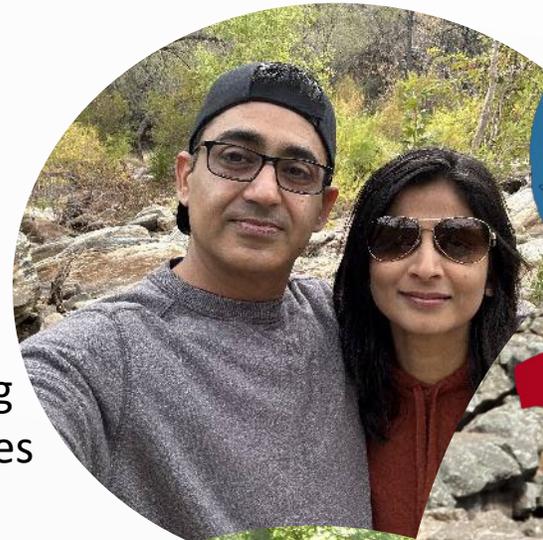
I was inspired to become a radiologist by the excitement of solving visual puzzles through medical imaging, unlocking critical diagnoses that transform patient care.

## What is on the horizon after graduation?

I am headed to Nemours Children's Health, Orlando, Florida to complete a fellowship in Pediatric Radiology. Subsequently, I will work as a Pediatric Neuroradiologist in Orlando/ Louisville.

## Share 3 fun facts about yourself.

1. I occasionally sang on events in school during my Medical school period.
2. I moved out of my parents' home, to a boarding school at the age of 16.
3. I am fluent in speaking 4 languages, including 3 regional languages of India. I am hoping to add Spanish language as my 5th in the near future.



Kanika



Kanika Gupta, MD  
Nuclear Radiology  
Fellow

# FELLOW SPOTLIGHT

## Where do you call home?

My hometown is Cincinnati, Ohio.

## What inspired you to become a Radiologist?

Just like any major life decision my choice to enter radiology was multifactorial but ultimately came down to the fact that radiology combines fascinating visual images with deep medical knowledge to do what I love most: making the diagnosis.

## What is on the horizon after graduation?

I have accepted a fully remote position with a private practice based in North Carolina.

## Share 3 fun facts about yourself.

1. I have flown an airplane.
2. I have a 0.3 golf handicap.
3. I'll be living in Hawaii!



Josh



Josh Rockey, MD  
Neuroradiology  
Fellow

# FELLOW SPOTLIGHT

## Where do you call home?

I was born and brought up in a small town located in southern India.

## What inspired you to become a Radiologist?

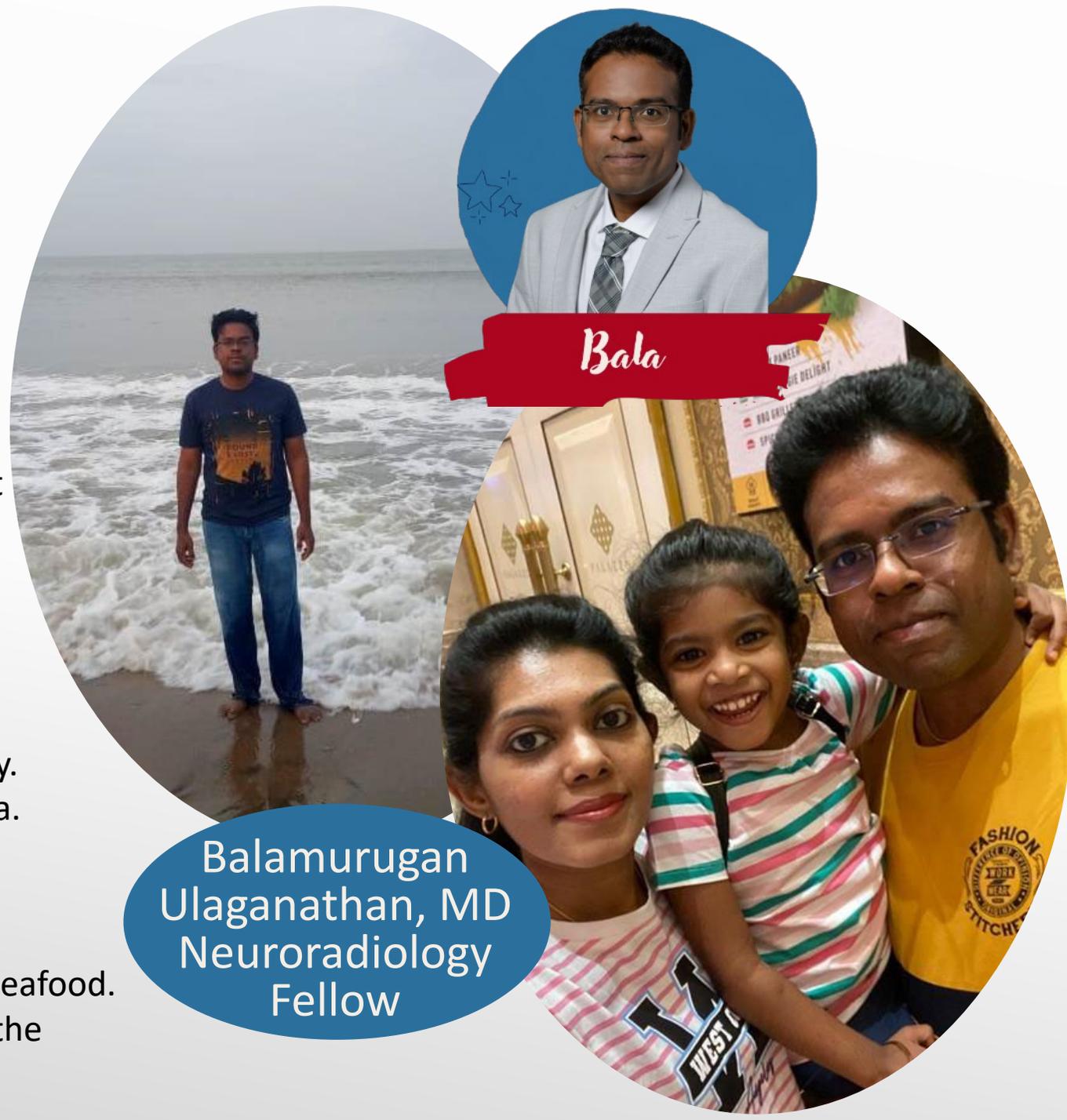
During my medical school I admired the diagnostic skills of my Radiology professor which later inspired me to get into the field of Radiology. Though Radiologists have very less interaction with the patient, I am satisfied with both diagnosing and treating patients. I feel radiologists have better work-life balance.

## What is on the horizon after graduation?

Getting into my other favorite subspecialties of Radiology. MSK Fellowship at Wake Forest University, North Carolina.

## Share 3 fun facts about yourself.

1. I can't start my day without a cup of coffee.
2. I wish I could live in a coastal area, due to my love of seafood.
3. I speak Tamil, which is one of the oldest languages in the world.

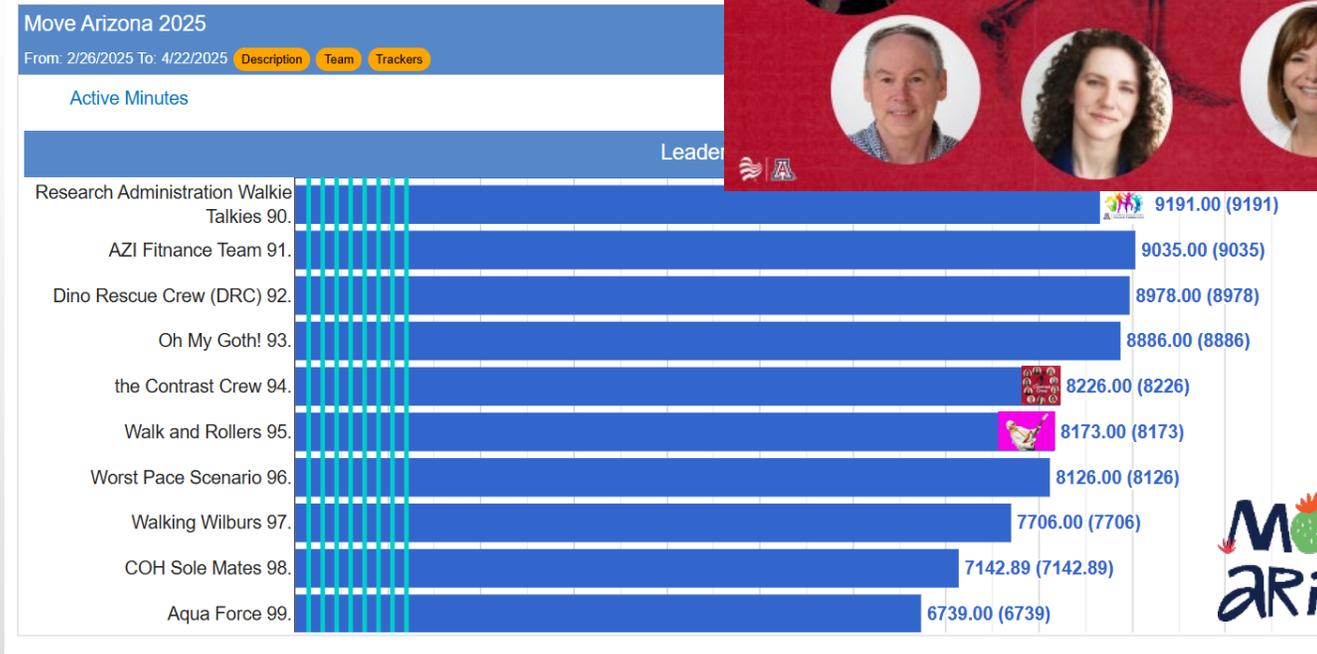


Balamurugan  
Ulaganathan, MD  
Neuroradiology  
Fellow

# MOVE ARIZONA 2025

The Contrast Crew, this year's administrative staff team, concluded [Move Arizona](#) 2025 after tracking daily exercise minutes between February 26 and April 22. The group ranked 94 of nearly 150 participating University of Arizona teams.

Collectively, 2,044,909 minutes were logged for participants of team University of Arizona! Kudos to this year's participants: Janet Black, Michele Dalmendray, Jennifer Fischahs, Anita Foley, Amy Jennings, John Moody, Ina Rios, Melissa Ruiz, Lexy Torres and Tammie Anderson.



# CELEBRATING ADMINISTRATIVE PROFESSIONALS DAY



A few of the admin team participants show off their projects following a fun afternoon of painting along with a guided video.



Celebrating  
Administrative  
Professionals  
Day!



The creative  
team-building  
activity  
was held  
**May 13**  
in room  
2920 of the  
Cancer Center.



# NEW DEPARTMENT HOME

Walls are being painted, and the work continues as scheduled!



Small conference room



Huddle space



Medium conference room