



R & R

RECOGNIZE & REWARD

March 2023



Banner
University Medical Center
Tucson



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON
Medical Imaging

WELCOME MELISSA ROSADO DE CHRISTENSON, MD, FACR, FAAWR

- ▶ DOCTOR OF MEDICINE
The Uniformed Services University of the Health Sciences, Bethesda MD
- ▶ DIAGNOSTIC RADIOLOGY RESIDENCY
George Washington University Medical Center, Washington, DC
- ▶ COLONEL
United States Air Force Medical Corps
- ▶ CHIEF OF PULMONARY AND MEDIASTINAL
RADIOLOGY/CHAIR OF RADIOLOGIC PATHOLOGY
Armed Forces Institute Of Pathology
- ▶ PROFESSOR, CHIEF THORACIC RADIOLOGY, DIRECTOR OF LUNG
SCREENING,
University of Missouri-Kansas City School of Medicine/St. Luke's Hospital
- ▶ **Past President: ARRS, AAWR, STR**



CARDIOTHORACIC IMAGING
DIVISION

College of Medicine-Tucson

Specialty Advisor Award Recipients



Diagnostic Radiology

Interventional Radiology

CONGRATULATIONS MI FACULTY

New in 2023, the **Specialty Advisor Award** recognizes faculty who have given of their time and effort guiding fourth-year medical students through the specialty selection and residency application process.

Awardees are selected by the Student Affairs Office in recognition of the winners' tireless efforts to support our medical students as they develop into full-fledged physicians.

Pictured from left: Dorothy Gilbertson-Dahdal, MD, Tyson Chadaz, MD, Chris Miller, MD, Greg Woodhead, MD, PhD and Jack Hannallah, MD, MPH, MBA

MATCH DAY 2023

All residency positions were successfully filled during the main match.

Welcome to our ten (10) new radiology residents for the Diagnostic Radiology and the Interventional Radiology-Integrated Residency Training Programs!

They will join our programs in July 2024.





MATCH DAY NEWS

- ▶ Featured in a UAHS Connect Article are (clockwise from top left): **Michael Dake, MD**, Senior VP for the University of Health Sciences and Professor of Medical Imaging, **Dorothy Gilbertson, MD**, Vice Chair of Education and Professor of Medical Imaging, **Conner Reynolds, DO**, Diagnostic Radiology Resident and **Aubrey Ingram, DO**, Emergency Medicine Resident are featured in the Match Day Memories article.

- ▶ See the feature [here](#).



WELCOME NEW STAFF

Please join us in welcoming **Alexzandra Torres (Lexy)** and **John Moody** to the department.

- **Lexy** is working with the DR/IR Residency Programs, joining MI as an Administrative Assistant.
- **John** is working with the Business Office joining MI as an Accountant II.

Lexy Torres
Administrative Assistant

John Moody
Accountant II

 COLLEGE OF MEDICINE TUCSON
Medical Imaging

CONGRATULATIONS FUTURE CHIEF RESIDENTS 2024



Anish Bhandari



Audrey Fazel



RJ Wruble

Annual Meetings SAR 2023

Hina Arif, MD, FSAR, participated as a member of the following SAR Expert Panel Committees which are responsible for creating national guidelines for imaging

- Disease focused panel on pancreatic adenocarcinoma
- Disease focused panel on pelvic floor dysfunction
- Disease focused panel on neuroendocrine tumor
- Disease focused panel on endometriosis
- Disease focused panel on benign biliary diseases

Additional Participation

- Dr. Arif evaluated the Power Science Session, the only award-winning session for research and innovation in Abdominal Imaging for the SAR Meeting



Dr. Arif takes a selfie with Prior MI faculty Drs. Costello and Petkovska



Hina Arif-Tiwari, MD, FSAR, pauses for a photo with Fatima Al-Khafaji, MD, an upcoming Fellow

Annual Meetings SIR 2023

Shamar Young, MD

- Career advancement in early career: my experiences and challenges I faced
- Dosimetry: The next frontier
- Normal tissue dosing, a waist of time or integral treatment tool
- Dosimetry in HCC: What do we know, what can we still learn
- Deep venous thrombosis interventions: Change over time and relative percentage performed by Interventional Radiologists
- Simplicity
- Transarterial radioembolization of intrahepatic cholangiocarcinoma: A dose threshold study

Navjit Dullet, DO

- Breaking into IR: a Practical Guide for Students at Smaller Schools and Osteopathic Schools from the RFS Diversity and Inclusion Committee
- Deep venous thrombosis interventions: Change over time and relative percentage performed by Interventional Radiologists



Greg Woodhead, MD, PhD

Jack Hannallah, MD, MPH, MBA

- Deep venous thrombosis interventions: Change over time and relative percentage performed by Interventional Radiologists.
- Transarterial radioembolization of intrahepatic cholangiocarcinoma: A dose threshold study.
- Transplant Surgery Perspective on NAFLD/NASH Disease focused panel on endometriosis

Greg Woodhead, MD, PhD

- Safety and feasibility of computed tomography (CT)-guided percutaneous locoregional implantation of novel renal autologous cell therapy (REACT) for high-risk diabetic-related chronic kidney disease (DKD)
- Single Center 5-year analysis of Survival and QoL of Catheter Directed Therapy of High and Intermediate risk PE
- Deep venous thrombosis interventions: Change over time and relative percentage performed by Interventional Radiologists.
- Transarterial radioembolization of intrahepatic cholangiocarcinoma: A dose threshold study.
- Fatty Liver Disease: Evolving Demographics & Changing IR Practice Fatty Liver Disease and IR Practice: Overview and Updates from the Literature

Annual Meetings SIR 2023



Interventional Radiology Division faculty members during SIR 2023: Jack Hannallah, presenting, and seated on the panel is Greg Woodhead, MD, PhD



SIR Participants: Greg Woodhead, Jack Hannallah, Ilaria Vittoria de Martini, Conner Reynolds, Navjit Dullet and Phil Davia (not pictured Abdul Khan and Shamar Young)

Annual Meetings STR 2023



Medical Imaging Chair Dr. Geoff Rubin presented, *“Communication Skills for Radiology Residents”* and *“Infrastructure Support: Current State and Best Practices”*



Pictured Above

Geoffrey Rubin, MD, MBA, FACR,

Melissa Rosado de Christenson, MD, FACR, and

Kavitha Yaddanapudi, MD



Cardiothoracic Division Chief Dr. Kavitha Yaddanapudi presented, *“Multimodality Imaging of Diaphragmatic Hernias”*

WEDNESDAY WORKSHOP

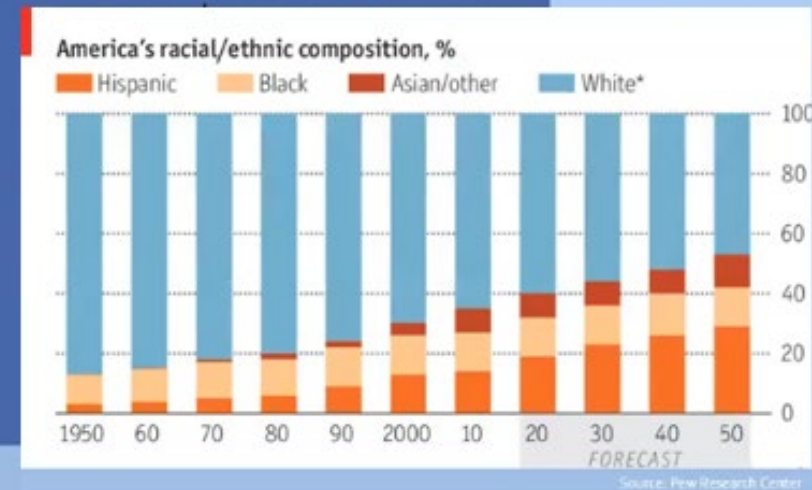
DEI PRESENTATION | MARCH 8, 2023

Thank you to COM-T
Office of Diversity,
Equity and Inclusion
Presenter **Christina
Renteria, MEd**, for her
fantastic presentation
titled, “Inclusive
Websites”



Inclusive Websites

Changing
Demographics
in America



UAPD PRESENTATION

WORKPLACE SAFETY | MARCH 21, 2023

Thank you to our
University of Arizona
Police Department
Volunteer Presenters
**Sergeant Andrew
Valenzuela**
and
Officer Marvin Smith





NEURORADIOLOGY DIVISION HIGHLIGHTS



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University Medical Center
Tucson



COLLEGE OF MEDICINE TUCSON
Medical Imaging

Division Highlights

Neuroradiology

Team

FACULTY

- Chris Ardary, MD
- Ray Carmody, MD
- Wayne Kubal, MD
- Daniel Lee, MD
- Hasan Ozgur, MD
- Sam Rogers, MD
- Unni Udayasankar, MD

BANNER PHOENIX

- Rishi Gosalia, MD
- Tamim Sultani, MD

FELLOWS

- Lincoln Matheson, MD
- Ben Renshaw, MD
- Ilaria Vittoria de Martini, MD

Clinical Offerings

- MRI, MRA and CT examinations of the Central and Peripheral Nervous System
- Brain, Spine, Soft Tissue Neck, Brachial Plexus, Lumbosacral Plexus, Fetal CNS
- Stroke, Trauma, Neoplasm, Congenital, Infectious/Inflammatory, Epilepsy
- Fluoroscopic Guided Lumbar Puncture
- IT Chemotherapy administration
- US Guided Head & Neck biopsy
- CT Guided Neck and Spine biopsies and drainages
- Image guided ESI, SI, Facet injections
- Image guided Blood patch

Advanced Imaging

- MR Perfusion (ASL, DCE, DSC)
- MR Spectroscopy
- Fractional Anisotropy
- DTI
- CT Perfusion

NeuroInterventional

- IA thrombectomy
- Aneurysm, AVF, AVM embolization
- Epistaxis embolization
- Diagnostic Neuroangiography
- Percutaneous Vertebral Augmentation

Division Highlights Neuroradiology

Presentations ASNR 2023

- Rogers S, Reynolds C, Frazzitta A, Renshaw B, Bhandari A, Vedantham S. Contrast-enhanced FLAIR and the Relationship to Hemorrhagic Transformation in Patients with Large Vessel Occlusion Treated with Mechanical Thrombectomy. American Society of Neuroradiology 2023 annual meeting. Scientific presentation. April 29 – May 3, 2023; Chicago, IL.
- Rogers S, Renshaw B, Reynolds C, Frazzitta A, Bhandari A, Vedantham S. Validating Heidelberg Ratings of Hemorrhagic Transformation After Mechanical Thrombectomy on MRI with SWI and GRE Sequences, with Comparison to CT. American Society of Neuroradiology 2023 annual meeting. Scientific presentation. April 29 – May 3, 2023; Chicago, IL.
- Frazzitta A, Reynolds C, Rogers S. The Brainstem Stroke Atlas: What Every Neuroradiologist Needs to Master the Anatomy and Expertly Diagnose Brainstem Stroke Syndromes. American Society of Neuroradiology 2023 annual meeting. Educational Exhibit. April 29 – May 3, 2023; Chicago, IL.
- Seto N, Frazzitta A, Bhandari A, Rogers S. Fracture Erasure from Discitis Osteomyelitis after Traumatic Endplate Fracture: A Potentially Underrecognized Complication of Trauma in High-risk Patients. American Society of Neuroradiology 2023 meeting. Excerpta. April 29 May 3, 2023; Chicago, IL.
- Greenhill M, Frazzitta A, Rogers S, Chandra T, Udayasankar U. Craniosynostosis: A Pictorial Review. American Society of Neuroradiology 2023 annual meeting. Educational Exhibit. April 29 – May 3, 2023; Chicago, IL.

Publications

- Rogers SN, Becker J. The Spectrum and Mimics of Brain Surface Enhancement on Post-contrast Fluid Attenuated Inversion Recovery Images. Neurographics. Accepted for publication 19 March 2022, Revision accepted 9 June 2022.
- Rogers SN, Udayasankar U, Pruthi S, Lai HA, Kadom N, Guerin J, Malinzak M, Shulkin BL, Poussaint TY, Patay Z, Bag AK. Imaging of pediatric spine and spinal cord tumors: A COG Diagnostic Imaging Committee/SPR Oncology Committee/ASPNR White Paper. *Pediatr Blood Cancer*. 2022 Dec 23:e30150. doi: 10.1002/pbc.30150. Epub ahead of print. PMID: 36562555

Distinctions

- **Wayne Kubal, MD** - 4 in person lectures at ACR Education Center in Reston, VA and 1 Virtual lecture and a case review session for ACR Education Center
- **Raymond Carmody, MD** - Recognized by ABR for his contributions

4th YEAR RESIDENT SPOTLIGHT

Gabe Duhancioglu

Where do you call home?

Home is Los Angeles, California.

What inspired you to become a Radiologist?

Diagnostic Radiology is very rewarding and fun. The amount of people you can help on a daily basis with the sheer volume we have is great. Having all the information readily available to us without having to wait for additional workup and just putting the final pieces of the puzzle together is exhilarating.

What is on the horizon after graduation?

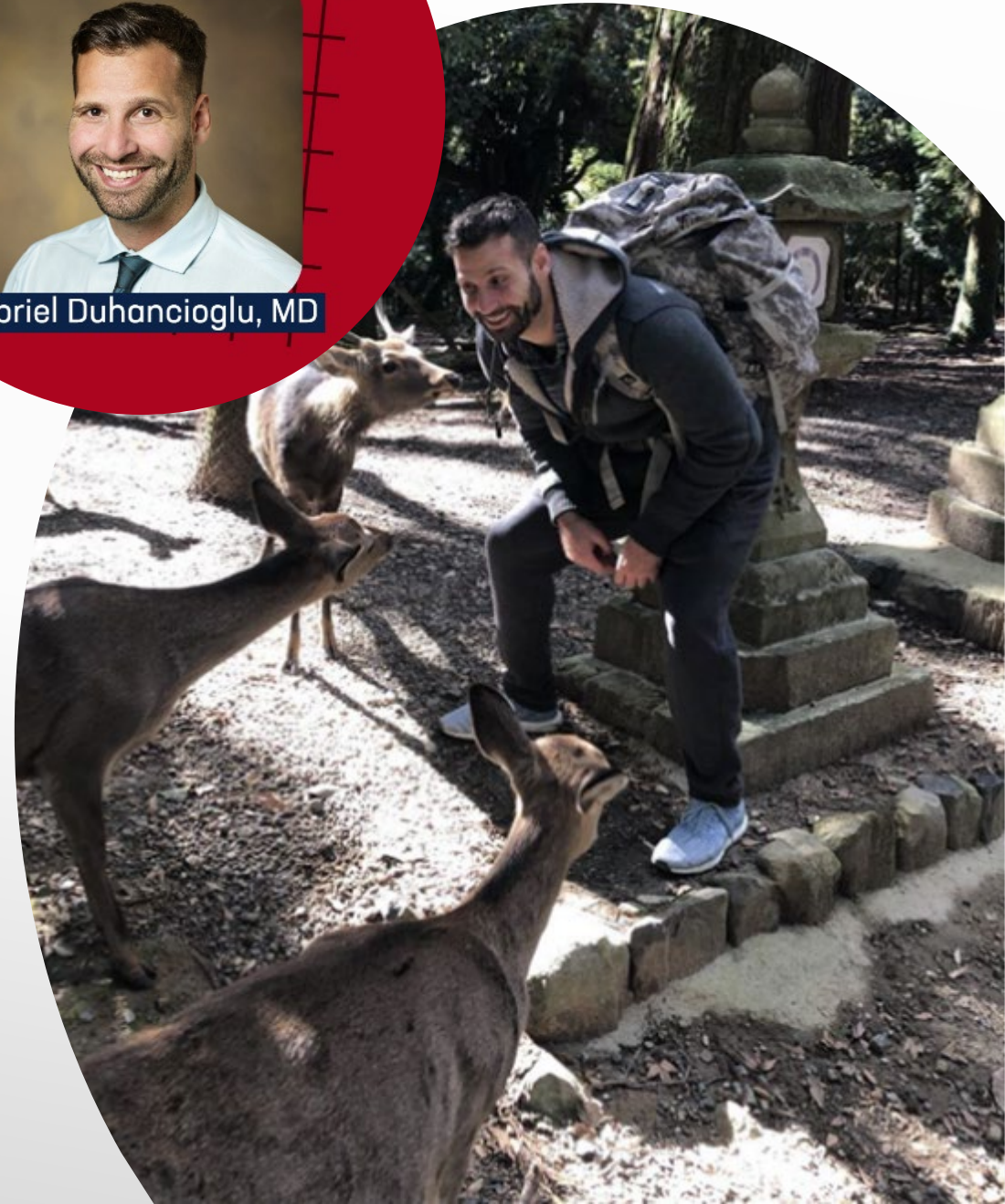
Completing a 1-year Abdominal Fellowship at UCSF

Share three fun facts about yourself

- I love to back-country snowboard, wake-surf, and travel as much as I can!



Gabriel Duhancioglu, MD



IR-INDEPENDENT RESIDENT SPOTLIGHT

Lucas
Struycken



Where do you call home?

I grew up in Los Angeles and spent most of my life there, including Medical School and my intern year, but Tucson has been home to me since June 2018, and I'll be sticking around once I've graduated from fellowship.

What inspired you to become a Radiologist?

I was inspired by the radiology residents and attendings at my medical school; I was introduced to radiology first via anatomy lab, and the breakout sessions hosted by the radiology department were exceptional. Then, during my 3rd year clinical rotations, I came to appreciate how impactful the radiology department was in over all patient care.

What is on the horizon after graduation?

I will be joining the faculty at the Tucson VA Medical Center this summer. I will still be in town, and I plan to visit the University hospital regularly to continue my research and on a per diem basis.

Share three fun facts about yourself

- My father is a famous actor who played Lurch in the Adams Family
- I love to make pizza using my portable professional Ooni pizza oven; I have strong opinions about pizza.
- I have two Australian Terriers named Ceasar and Koba



TAKING THE LEAD PODCAST



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



@geoffrubin

COM-T RESEARCH DAY 2023



DATA BLITZ PRESENTATIONS : INNOVATIONS IN MEDICAL IMAGING

Session Host

Geoffrey Rubin, MD, MBA, FACR

- Novel Quantitative MRI Technology for Clinical Diagnosis and Research Applications,
Maria Altbach
- A retrospective analysis of the tumor to normal ratio in NASH/NAFLD-induced HCC,
Christopher Brunson
- An attenuation field network reconstruction using short-scan and offset detector data for cone-beam breast CT,
Zhiyang Fu
- Single Center 5-Year Analysis of Survival and QoL of Catheter Directed Therapy of Submassive Pulmonary Embolism,
Abdul Khan
- Deep Image Prior for Blind Denoising of Acoustoelectric Imaging, **Eric Nelson** working with **Russ Witte**
- Novel Acoustic Reflection Window for Real-Time Monitoring of Ultrasound Therapy, **Eric Reichel** working with **Russell Witte**
- Efficient Heavy-Water Coupling to enable Short-Wave Infrared Photoacoustic Imaging,
Christopher Salinas working with **Russell Witte**
- Utility of Brain Mapping in Ordering MRIs for Pediatric Concussions,
Prem Thirunagari, working with **Mo Mortazavi**, pediatric sports medicine physician
- Objective Evaluation of Image Quality with High Resolution and Low Noise in Dedicated Cone-Beam Breast CT Using Quantitative Methods,
Rachawadee Trinate working with **Srinivasan Vedantham**
- Transcranial Acoustoelectric Imaging of Spatially and Temporally Varying Electrical Currents to Better Understand Neuronal Dysfunction,
Teodoro Trujillo working with **Russell Witte**
- Shorter X-ray pulse-width along with a self-supervised deep learning algorithm to reduce radiation dose for dedicated breast CT,
Andy Tseng
- Quantitative breast density measurements in obese women: Feasibility using dedicated cone-beam breast CT,
Srinivasan Vedantham
- Experimental Ultrasound and Neural Imaging Laboratory (EUNIL),
Russell Witte
- Immunomodulatory abilities of Yttrium-90: a golden opportunity?
Shamar Young

COM-T RESEARCH DAY 2023

SPECIAL SESSION

BREAKING DOWN BARRIERS: EXPLORING THE IMPACT AND ACHIEVEMENTS OF WOMEN IN SCIENCE

Session Host

Hina Arif-Tiwari, MD, FSAR

DATA BLITZ PRESENTATION : TRAUMA & VASCULAR DISEASE RESEARCH

- ▶ Clarifying the Clinical Landscape of Pediatric Spinal Arteriovenous Shunts: An Institutional Experience and Individual Patient-Data Meta-Analysis, Conner Reynolds, DO



Happy National Doctors Day

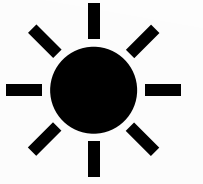
March 30



COLLEGE OF MEDICINE TUCSON
Medical Imaging



Thank you,
Faculty!



We
appreciate
our Faculty!



Team Staff

FACULTY APPRECIATION EVENT



Medical Imaging
FACULTY APPRECIATION
Event
Mar 31 12 noon
Tower 1 rm 201
sponsored by
Women in Radiology
Medical Imaging

Sponsored by
Women in
Radiology



SOCIAL

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[UofAZRads](#) [instagram]



Geoff Rubin MD MBA
 @GeoffRubin

Great session. What a pleasure for me to participate and benefit from the insights of wise colleagues!! #STR2023 @DavidNaegerMD



David Naeger MD @DavidNaegerMD · Mar 5
 And that's a wrap! #STR2023 bootcamp comes to a close. Thanks to @GeoffRubin, Christopher Walker, and John Lichtenberger for amazing wrap up talks! See y'all next year! @thoracicrad #radres #chestrad #radiology



2:30 PM · Mar 5, 2023 · 383 Views

University of Arizona IR Retweeted
UAzizona Department of Medical Imaging @UAZMedImag... · Mar 30
 @GeoffRubin hosted the Innovations in Medical Imaging Data Blitz session during @UAZMedTucson Research Day. Groundbreaking clinical and scientific contributions shared by @ArizonaVIR, and @UAZMedImaging @UAzizonaBME labs - 🌟



3 8 288

University of Arizona IR Retweeted
Abdul Khan @IRWorkhorse · Nov 30, 2022
 Hard work pays off



Congratulations!
 Dear Dr. Abdul Khan:
 We are pleased to inform you that your scientific abstract has been accepted as an **Oral Presentation** for **SIR 2023 Annual Scientific Meeting** in Phoenix, March 4-9 at the Phoenix Convention Center. **Additional logistical information with the exact date and time of the presentation will be provided no later than Dec. 5.**

- **Submission number:** 1369336
- **Abstract title:** Single Center 5-year analysis of Survival and QoL of Catheter Directed Therapy

2 23



uofazrads
 University of Arizona College of Medicine - Tucson

uofazrads Thrilled to announce our newest residents!! We can't wait for you all to join us in Tucson! ⭐ #Match2023
 Edited · 2w

apriylesngo 🙌🙌
 1w 1 like Reply

florenceypart 😄😄😄
 2w 1 like Reply

taylor_makes_pictures 🧡
 2w 1 like Reply

UA College of Medicine – Tucson @UAZMedTucson · Mar 30
 For #NationalDoctorsDay, meet Marlys Witte, MD, and her son, Russ Witte, PhD, who have worked together at COM-T since 2007. They both put an emphasis on curiosity, asking questions and solving problems.
healthsciences.arizona.edu/connect/featur...



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SNOW DAY IN
TUCSON
March 2nd

