R&R
RECOGNIZE & REWARD

June 2023

The University of Arizona
LGBTQ+

Banner University Medical Center
Tucson

Medical Imaging

THE UNIVERSITY OF ARIZONA COLLEGE OF MEDICINE TUCSON
FELLOWSHIP MATCH

Congratulations to our R-3 Residents matching into the following programs for 2024-2025

Guillermo Alfonso matched at Cincinnati Children’s Hospital in Pediatric Radiology

Taylor Brown matched at University of Utah Health in Neuroradiology

Dallin Christensen matched at Barrow Neurological Institute at SJHMC-AZ in Neuroradiology

Philip Losada matched at the University of Arizona COM-Tucson in Interventional Radiology

Jason Lee matched at Stanford Health Care in Cardiothoracic Imaging

Mark Greenhill matched at Emory University School of Medicine-GA in Neuroradiology

Eric Miller matched at the University of Texas MD Anderson Cancer Center in Breast Imaging

Carl Sabottke matched at Stanford Health Care in Body Imaging

David Supeck matched at Mayo Clinic School of Graduate Medical Education-AZ in Breast Imaging
CONGRATULATIONS

Vice Chair of Research, Lars Furenlid, PhD, proudly graduated two Masters students in May

Anthony Smith - Master of Optical Sciences
Master's Thesis Title: Design and Characterization of a Lens-Coupled System for Dynamic X-Ray Diffraction. Anthony was supported in part during his graduate studies by an Alfred P. Sloan Foundation Indigenous Graduate Partnership Scholarship. He has started in his new position at the NIF at Lawrence Livermore National Laboratory.

Joseph Cilento - Master of Optical Sciences
Master's Report Title: A Brief Literature Survey of Compton and Hybrid Imaging Technologies for Medical Imaging.
CONGRATULATIONS

Interventional Radiology Division Chief, Shamar Young, has been chosen as a University of Arizona Cancer Center Post-Baccalaureate Scholars program mentor.

The selected faculty mentors will support the participants in identifying a project that aligns with their general area of career interest and provide direct experience with the scientific process.
NEW JOINT FACULTY APPOINTEE

Medial Imaging is pleased to welcome our newest joint faculty member, Associate Professor Andrew Hoyer, MD.

Dr. Hoyer’s primary appointment is with the College of Medicine – Tucson, Department of Pediatrics.

A member of the Sarver Heart Center, Dr. Hoyer specializes in Congenital Cardiac Disease, Fetal Cardiology and Pediatric Cardiology.
NEW RESEARCH MRI

State-of-the-art MRI machine to advance research on brain's inner workings

Thanks to an equipment grant from the National Institutes of Health, the University of Arizona will be among the first institutions in the country to receive a new MRI system that can produce clearer and more comprehensive images of the brain.

See the article here

Ted Trouard, PhD, Professor, Biomedical Engineering and Medical Imaging serves as Chair of the Faculty Advisory Committee for MRI Research
FAREWELL / TRANSITION

Beginning this month, Laura Lee will work at the Tucson VA Medical Center / VA Southern Arizona Health Care

We are grateful for her over seven years of service and contributions to the Musculoskeletal Imaging Division and the Department of Medical Imaging
NEW ARRIVAL

Baby boy Levi arrived healthy and happy on May 24\textsuperscript{th}

Congratulations to proud parents Kurt and Regine and new Grandfather, Terry Matsunaga!
ANNUAL MEETING: ISMRM

Medical Imaging MRI researchers and clinical scientists contribute cutting edge MR research from the University of Arizona at International Society of Magnetic Resonance Imaging (ISMRM) annual meeting in Toronto, Canada in June 2023. The meeting was attended by Maria Altbach, PhD, Jean Philippe Galons, PhD, Ali Bilgin, PhD and Hina Arif, MD.
EA at ISMRM 2023

Hina Arif, MD
Moderator: Liver: Diffuse Disease & Quantification, Moderator: Reproduction & Reproductive Pathologies

Eze Ahanonu (PhD Student, Electrical and Computer Engineering)
- E. Ahanonu, U. Goerke, K. Johnson, B. Toner, V. Deshpande, A. Bilgin, and M. Altbach, “Single breath-hold full abdominal T1 mapping using a CNN based short inversion-recovery sampling technique”, [Oral Presentation] ISMRM Merit Award, Summa Cum Laude (Top 5% score during review). Annual Meeting Program Committee Selection (Selected as “One of 100 abstracts that you should not miss!” out of 5400+ accepted abstracts).

Tahsin Rahman (Tahsin is a PhD Student in Dept. of Electrical and Computer Engineering at University of Texas, El Paso and I am serving as his co-advisor)

Lavanya Umapathy (former PhD Student, Electrical and Computer Engineering)

Brian Toner (PhD Student, Applied Mathematics)
B. Toner, S. Arberet, F. Han, M. Nadar, V. Deshpande, M. Altbach, A. Bilgin, "Deep learning reconstruction of radial T2 weighted data sets with data consistent unrolled neural networks," [Power Pitch Presentation]

Phillip Martin (PhD Student, Electrical and Computer Engineering)

Fei Han (Fei is a research scientist at Siemens Medical Solutions).
F. Han, U. Goerke, M. Altbach, V. Deshpande, "Optimized Single-Shot EPI Sequence for Abdominal T2 Quantification: Comparison with CPMG Based Technique," [Digital Poster]

Charles Iglehart (PhD Student, Electrical and Computer Engineering)
C. Iglehart, A. Bilgin, and M. Saranathan, "Fast T2* and QSM using locally low rank methods for complex-valued, multi-echo GRE reconstruction," [Digital Poster]
Congratulations to **Michael Lee**, who succeeds Aubrey Frazzitta as Residency Social Media Manager for 2023-2024. In this role, Michael will provide content for the Residency Twitter and Instagram accounts.

Many thanks to **Aubrey Frazzitta**, whose amazing contributions during the 2021-22 and 2022-23 academic years, have raised the profile of our programs!
11th ANNUAL RESIDENT JEOPARDY

Quizmaster Sam Rogers calls for applause for event creator Frank Morello, and former host (pictured above and right)

The winning team pictured above with a video “short”
Impact of 18F-fluciclovine PET/CT on plans for androgen deprivation therapy in patients with biochemical recurrence of prostate cancer: data analysis from two prospective clinical trials

Andriole GL, Scarsbrook AF, Savir-Baruch B, LOCATE/FALCON Study Groups

_Urologic Oncology: Seminars and Original Investigations_ Vol 41, Issue 6, June 2023, Pages 293.e1-293.e7
DOI: [10.1016/j.urolonc.2023.04.004](https://doi.org/10.1016/j.urolonc.2023.04.004)

Computer assisted interpretation of Tc-99m mercaptoacetyltriglycine diuretic scintigraphy enhances resident performance


_Nuclear Medicine Communications_ 2023 Apr 10, Online ahead of print
DOI: [10.1097/MNM.0000000000001691](https://doi.org/10.1097/MNM.0000000000001691)

Initial Experience with the Radiotracer 18F-Fluciclovine PET/CT in Ovarian Cancer.

Buehner TM, Liotta M, Potkul RK, Wagner RH, Savir-Baruch B.

_Molecular Imaging and Biology_ 2023 February 8, Online ahead of print
DOI: [10.1007/s11307-023-01807-8](https://doi.org/10.1007/s11307-023-01807-8)
T1b Renal Cell Carcinoma: Is Cryoablation a Viable Option?
Young S, Jecius H, Reynolds C, Lee M, Hannallah J, Woodhead G
June 2023 Journal of vascular and interventional radiology: JVIR 34(6):E29-E70

Transcatheter Gene Delivery: Towards Novel Imaging and Treatment Strategies.
McNiel D, Woodhead, G, Reynolds C
June 2023 Journal of vascular and interventional radiology: JVIR 34(6):E29-E70
DOI: 10.1016/j.jvir.2023.04.014

Role of the Interventional Radiologist in the Treatment of Desmoid Tumors
Goldberg D, Woodhead, Hannallah J, Young S
February 2023 Life 13(3):645
DOI: 10.3390/life13030645
https://doi.org/10.3390/life13030645
Yoshimi Anzai, MD, FACP

Leading with Joy

Geoffrey Rubin, MD, MBA, FACP
Chair and Professor, Medical Imaging
@geoffrubin
GRADUATION 2023

See the presentation of certificates and awards on our YouTube channel
OUTSTANDING IN-TRAINING EXAM AWARDS

Jason Lee, MD  
Taylor Brown, MD and  
RJ Wruble, DO

Presented by  
Dorothy Gilbertson-Dahdal, MD  
Vice Chair of Education and  
Director, Diagnostic Radiology Residency Program
MEDICAL STUDENT TEACHING CERTIFICATE OF MERIT

Stephane Chartier, DO

Presented by
Chris Miller, MD
Course Director,
Medical Student Radiology Electives
MEDICAL STUDENT TEACHING AWARDS

Presented by Chris Miller, MD

GRAND SAHUARO AWARD

Tyson Chadaz, MD
Assistant Professor, Medical Imaging
Musculoskeletal Imaging Division

FELLOW AWARD

Lincoln Matheson, MD
Fellow, Neuroradiology

FELLOW AWARD

Grace Renshaw, MD
Fellow, Musculoskeletal Imaging

RESIDENT AWARD

Audrey Nisbet
Diagnostic Radiology Resident

~Grace is pictured above with Wendy McCurdy, MD, who presented her MSK Fellowship certificate
M. PAUL CAPP, MD
RESIDENT RESEARCH DAY

Presented by
M. Paul Capp, MD
Professor Emeritus,
Medical Imaging
M. PAUL CAPP, MD
RESIDENT RESEARCH DAY Awardees

- Aubrey Frazzitta, MD
- Abdul Khan, MD
- Audrey Nisbet, MD (not pictured)
- Conner Reynolds, DO
- Danh Truong, MD
SPECIAL RECOGNITION
INTERVENTIONAL RADIOLOGY

Outstanding Early Contribution to Interventional Radiology Research

Michael Lee, MD
1st Year Interventional Radiology - Integrated Resident

Conner Reynolds, DO
1st Year Diagnostic Radiology Resident
SPECIAL RECOGNITION
INTERVENTIONAL RADIOLOGY

Outstanding Contributions to Interventional Radiology Medical Student Education

Lucas Struycken, MD
Interventional Radiology - Independent Resident

Abdul Khan, MD
4th Year Diagnostic Radiology Resident
(ESIR Pathway)
SPECIAL RECOGNITION INTERVENTIONAL RADIOLOGY

Outstanding Collaboration and Quality Improvements in Interventional Radiology and Trauma Service

Artyom Abramyan, DO
2nd Year Interventional Radiology - Independent Resident

Philip Losada, MD
3rd Year Diagnostic Radiology Resident (ESIR Pathway)
ROENTGEN RESIDENT/FELLOW RESEARCH AWARD

Lucas Struycken, MD

Presented by
Shamar Young, MD
Interventional Radiology Division Chief and
Gregory Woodhead, MD, PhD
Director, Interventional Radiology Residency Programs
OUTSTANDING DIAGNOSTIC RADIOLOGY CHIEF RESIDENT AWARD

Irina Sadovnikov, MD
and
Daniel Destiche, MD

Presented by
Dorothy Gilbertson-Dahdal, MD
Vice Chair of Education and
Director, Diagnostic Radiology Residency Program
OUTSTANDING INTERVENTIONAL RADIOLOGY CHIEF RESIDENT AWARD

Christopher Brunson, MD

Presented by
Gregory Woodhead, MD, PhD
Director, Interventional Radiology Residency Programs
VA FACULTY TEACHING AWARD

Shahin Amanat, MD
Musculoskeletal Radiologist at Southern Arizona VA Health Care
Clinical Assistant Professor of Radiology,
Banner University Medical Center - Tucson

Presented by
Irina Sadovnikov, MD
Chief Resident 2022-23

June 2023
GEORGE BARNES FACULTY TEACHING AWARD

Samuel Rogers, MD
Assistant Professor of Medical Imaging
Neuroradiology
Banner University Medical Center - Tucson

Presented by
Chief Residents
Daniel Destiche, MD and
Irina Sadovnikov, MD
EXCELLENCE IN PROFESSIONALISM
DR RESIDENCY

Guillermo Alfonso, MD

Presented by
Dorothy Gilbertson-Dahdal, MD
Vice Chair of Education and
Director, Diagnostic Radiology Residency Program
THANK YOU RESIDENCY PROGRAM TEAM

Ina Rios – Program Coordinator Sr., Michele Dalmendray – Program Coordinator Sr., Amy Jennings – Program Coordinator Sr., Lexy Torres – Administrative Associate, and Janet Black – Senior Manager, Residency Program

Not pictured: Melissa Ruiz – Clinical Research Coordinator I