



**RADIOLOGY  
NEWSLETTER**

December 2022

**CELEBRATING**

**70**  
**YEARS**

of compassion  
& commitment



SCHOOL OF MEDICINE  
Radiology



# — Table of Contents //

January - December 2022

<b>ORGANIZATION</b>	
— Message from the Chair	04
<b>CLINICAL</b>	
— Contrast Media Shortage	06
<b>EDUCATION</b>	
— Education Team	08
— New Residents	09
<b>RESEARCH</b>	
— Radiology Research Symposium	10
— Brain Photo Contest Winner	12
— Diagnostic Mammography Study	13
— Publications	14
<b>CULTURE</b>	
— Diversity, Equity & Inclusion	22
— Castillo Scholars	23
— Strategic Planning Retreat	24
— New Faculty	26
— New Staff & Promotions	30
— Wellness Events	33
— Women in Radiology	33
<b>HONORS &amp; GRANTS</b>	
— Honors & Highlights	34
— Awards & Grants	37
<b>DEVELOPMENT</b>	
— New Alumni Society	38
— New Lectureships	38
— RSNA Alumni Event	39

Cover image by Sahar Ahmad, Ye Wu, and Pew-Thian Pap.  
 Featured on the back cover of the 2022-2021 edition of Endeavors



# BEST IN THE SOUTHEAST



# Message From the Chair

As I look back at 2022, I am so proud of the level of greatness that our faculty, staff, and trainees achieved while facing many obstacles. The international shortage of iodinated contrast media hit the radiology industry just when we finally saw a slowdown in COVID-19 cases, and the pandemic shifted to an endemic. UNC Radiology immediately stepped into the void, not just for the patients of UNC Hospitals but led the way at the state and national levels. We collaborated with other experts in academic radiology to provide guidance at the national level to quickly conserve existing supplies, reduce waste, and triage patients to continue to provide clinical excellence.

I look at 2022 as a year of significant investment to achieve our vision of being the premier Department of Radiology in the Southeast through delivering compassionate clinical excellence, advancing healthcare through innovation, and training the future generation of radiologists.

Over the past year, we welcomed newly recruited faculty into the UNC Radiology family. As academic radiology departments and private practices across the country struggled to recruit radiologists, our successful efforts resulted in the recruitment of national experts and a very diverse array of clinical and research faculty.

To support our three pillars of patient care, education, and research, we have invested in building and expanding our fantastic team of staff to support our clinical faculty and radiological sciences faculty, and trainees. In addition, we have built up our business office with an incredible team of administrative assistants, HR business partners, new staff leaders, and a new communications & marketing manager.

Throughout this newsletter, you will see the outstanding accomplishment of honors, awards, publications, and grants received over the last year by our clinical and radiological sciences faculty, staff, and trainees. A milestone for our department that highlighted this level of achievement was our inaugural Radiology Departmental Research Symposium. It was a wonderful showcase of the breadth of the groundbreaking research from our faculty and trainees.

Lastly, I want to touch on the milestone of our department celebrating our 70th anniversary. Established in 1952, Dr. Ernest H. Wood was the inaugural Chair of UNC Radiology. Since the inception of the Department, we have had three other chairs (Drs. Scatliff, Lee, and Mauro). Most recently, Dr. Keith Smith served as our Interim Chair before my arrival in December 2020. Over the decades, UNC Radiology has always strived to stay ahead of the curve and be a leader in academic radiology. As we look ahead to 2023 and beyond, I am confident that we have the right people, the right resources, at the right place to continue to elevate the success and legacy of UNC Radiology for the next 70 years.

I am so proud of this team, their hard work, and their continued dedication to our vision of making UNC Radiology the Best in the Southeast!



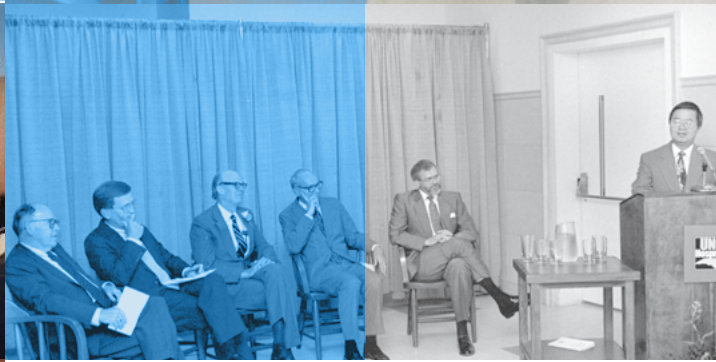
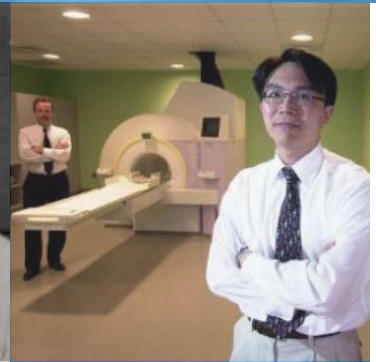
*Maureen Kohi*

**Maureen Kohi, MD, FSIR**

Ernest H. Wood Distinguished Professor and Chair



# CELEBRATING 70 YEARS OF RADIOLOGY AT CAROLINA



70  
YEARS



SCHOOL OF MEDICINE  
Radiology



W.H. August C.A. Bream [Signature] Philip M. Johnson  
1954



# UNC Radiology Faculty Implemented and Published Conservation Strategies to Navigate Iodinated Contrast Media Shortage

*Towards the end of April, a global shortage of iodinated contrast media began. UNC Radiology worked collaboratively with leaders from other departments to quickly conserve existing supplies, reduce waste, and triage patients to continue to provide clinical excellence.*

Towards the end of April, a global shortage of iodinated contrast media began. This severely impacted the patient care delivered by the UNC Department of Radiology and several other departments and service lines within UNC Health and other healthcare organizations across the country. UNC Radiology worked collaboratively with leaders from other departments to quickly conserve existing supplies, reduce waste, and triage patients to continue to provide clinical excellence. UNC Radiology's innovative approaches were published in peer-reviewed journals to help guide colleagues across the country and worldwide on conservation strategies.

## How did the shortage start?

Two companies, GE and Bracco, hold more than 90% of the market share for iodinated contrast media. Most hospitals in the UNC Health system, including UNC Medical Center, use GE as the sole supplier of iodinated contrast agent.

The primary GE facility producing iodinated contrast media, located in Shanghai, China, had closed due to a government-mandated city lockdown during a recent COVID-19 outbreak. While the plant could re-open in April 2022, it operated only at 20% capacity, and the

request to expand capacity was denied by the Chinese Government. Since then, production has ramped up with an expected return to full capacity at the end of June 2022, but that delay in production meant it could take some time for contrast media to become fully available to the various healthcare facilities worldwide, including UNC Radiology.

## UNC Radiology Leads in Contrast Conservation

In addition to UNC Radiology's heavy utilization of iodinated contrast media, other Departments and service areas, such as Interventional Cardiology, Vascular Surgery, Urology, Radiation Oncology, and Orthopedic Surgery, among others, also use iodinated contrast media for diagnostic and therapeutic imaging and procedures. As a result, UNC Radiology partnered with these Departments to develop a plan to conserve the existing supply of iodinated contrast media and worked together, both intra-department and cross-department, to ensure that everyone had enough supply of iodinated contrast agent to care for patients. UNC Radiology also established multi-institutional collaborations with other Departments of Radiology that are facing this same crisis.

The shortage has since been resolved. Amongst





Radiology Departments nationwide, UNC Radiology took the lead in establishing and publishing recommendations to mitigate this crisis. Not only did faculty members create a conservation strategy for UNC Health, but they also are leading the way nationally and internationally, sharing effective strategies to mitigate the crisis through three separate publications in some of the most impactful radiology journals.

- Maureen P. Kohi, MD, Professor and Chair of UNC Radiology Department, and Mahmud Mossa-Basha, MD, Professor and Vice Chair of Quality and Safety at UNC, along with Thomas M Grist, MD, Professor and Chair of Radiology, University of Wisconsin, Cheri L Canon, MD, Professor and Chair of Radiology, University of Alabama-Birmingham, and Elliot K Fishman, MD from Johns Hopkins University published a special report in *Radiology* titled “Short-, Mid-, and Long-Term Strategies to Manage the Shortage of Iohexol.”
- Gloria Salazar, MD, Associate Professor, Mahmud Mossa-Basha, MD, Professor, Maureen P. Kohi, MD, Professor and Chair of UNC Radiology, and Lauren M. Burke, MD, Associate Professor wrote “Short-Term Mitigation Steps During the Iohexol Contrast Shortage: A Single Institution’s Approach,” in the *Journal of American College of Radiology*.

- Nicole A. Keefe, MD, Assistant Professor at UNC, Kush R. Desai, MD, Associate Professor of Radiology at Northwestern University Feinberg School of Medicine, Maureen P. Kohi, MD, Professor and Chair of UNC Radiology Gloria M. Salazar, MD, Associate Professor published their article, “Interventional Radiology Approach to Contrast Media Preservation Strategies,” in the *Journal of Vascular and Interventional Radiology*.

Each publication provides important preservation strategies and mitigation efforts, including information on how to create a priority matrix for diagnostic imaging and procedures that require iodinated contrast media versus those that can be deferred, those that can be performed with alternative imaging modalities, and those that can be performed with alternative contrast media. These efforts would not have been possible without the cross-departmental collaborations and partnerships that is representative of our values as One Great Team.

For more information, check out the news articles featuring some of our faculty during the shortage. Nicole Keefe, MD, was quoted in an *Interventional News* article [Prudence recommended despite “pre-shortage levels” of contrast media](#), and Drs. Gloria Salazar and Nicole Keefe were featured in an article on *Aunt Minnie* titled [Contrast shortage drives urgent changes in interventional radiology](#).

# Education Team



**KATINA DURING**  
EDUCATION AND ADMIN  
MANAGER

Katina graduated with her Masters in Procurement and Acquisition from Webster University in 2008. She has a combined number of years of experience in administration and education. Katina moved from NY to NC in May 2022. In her free time, she enjoys spending time with family and friends and traveling with her husband.



**VIRGINIA CARVER**  
UME PROGRAM AND FELLOWSHIP  
COORDINATOR

Virginia graduated with a BA in 1998 from Medical Careers Institute and Durham Technical Community College in Medical Coding in 2006. She has been with the Department of Radiology since 2001, when she started her career as an Administrative Assistant. She enjoys traveling, going to church, and spending time with her family.



**ALLISON SPEAGLE**  
DR RESIDENCY COORDINATOR

Raised in Blowing Rock, NC she graduated with a BS from Johnson & Wales University in Providence, RI in 2004. After spending several years as a wedding planner, she joined UNC in 2010 in the Registrar's Office on main campus before moving over to the School of Medicine. In her free time she enjoys traveling, shopping, and spending time with family and friends.

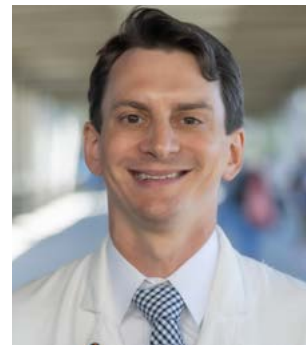


**ARLIN WILL**  
IR RESIDENCY COORDINATOR

Arlin graduated with a BA in Spanish and multimedia journalism from UNC in 2010, and an MAEd from Wake Forest University in 2011. After teaching elementary school Spanish in Winston-Salem for seven years, they came home to UNC to join the Department of Radiology in 2018. Outside of work they enjoy cooking and baking, gardening, and dabbling in crafts.



**CODY SCHWARTZ, MD**  
DIAGNOSTIC RADIOLOGY  
RESIDENCY PROGRAM DIRECTOR



**DAVID MAURO, MD**  
INTERVENTIONAL RADIOLOGY  
RESIDENCIES PROGRAM  
DIRECTOR

**NICOLE KEEFE, MD**  
IR RESIDENCY ASSOCIATE  
PROGRAM DIRECTOR

**ERIN MORAN, MD**  
DIAGNOSTIC RADIOLOGY RESIDENCY  
ASSOCIATE PROGRAM DIRECTOR

**KRISTEN OLINGER, MD**  
UME DIRECTOR

**KERRY THOMAS, MD**  
DIAGNOSTIC RADIOLOGY RESIDENCY  
ASSOCIATE PROGRAM DIRECTOR

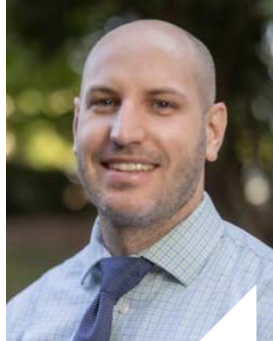


**Our team supports our programs in all of our educational missions. They truly work tirelessly to ensure our trainees have everything they need to be successful. In our roles as program directors, we could not be successful without this one great team. I am so thankful for their support each and every day!** -Cody Schwartz, MD



# New Residents

## DIAGNOSTIC RADIOLOGY



**DAVID BARTLETT, MD**

Medical School: Marshall University



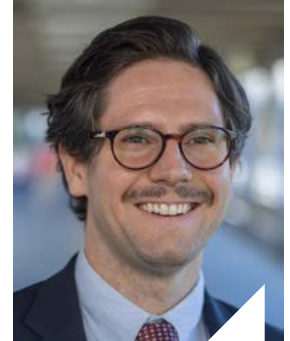
**CARLO CASTRO, MD**

Medical School: University of Miami



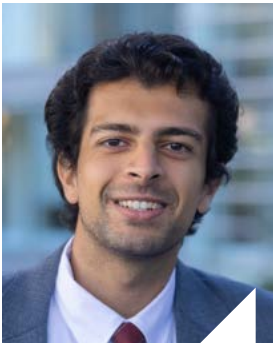
**JOSHUA CHEN, MD**

Medical School: East Carolina University



**MATTHEW GELLATLY, MD**

Medical School: University of North Carolina



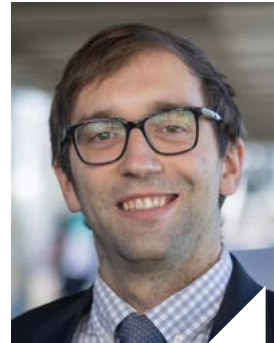
**NAKUL PATEL, MD**

Medical School: Eastern Virginia Medical School



**CHRISTOPHER RUGGIERO, MD**

Medical School: University of South Carolina



**DAVID SAILER, MD**

Medical School: University of North Carolina



**ESHA SHARDA, MD**

Medical School: University of South Florida Morsani College of Medicine



**ELISABETH SIDDEN, MD**

Medical School: Medical University of South Carolina

## INTEGRATED IR



**LINDSEY SCHROEDER, MD**

Medical School & Intern: University of Oklahoma

## INDEPENDENT IR



**JACOB BELTZ, MD**

Diagnostic Residency: Memorial Health and University Medical Center



**MARLEE CROISSY, MD**

Diagnostic Residency: Medical University of South Carolina



**MARK MIKHITARIAN, MD**

Diagnostic Residency: Hofstra/Northwell

# 2022 Radiology Departmental Research Symposium

*On Thursday, October 20th UNC Radiology hosted its annual Research Symposium. The event was put on hold for two years because of COVID but made a big impact on its return with special keynote speakers, thoughtful posters, and insightful oral presentations.*

The highly successful event wouldn't have been possible without the organizational efforts of Terry Hartman, MPH, MS, Administrative Director, Clinical Research; Sarah J. Nyante, PhD, Assistant Professor; and Weili Lin, PhD, Vice Chair of Research.

## Guest Keynote Speakers

The event showcased three speakers, all of whom spoke in Kirkland Auditorium. The first keynote speaker was Sharmila Majumdar, MD, PhD, the Margaret Hart Surbeck Distinguished Professor in Advanced Imaging & Vice Chair for Research at the University of California in San Francisco. Her talk focused on, "Intelligent Imaging: The role of deep learning and Artificial Intelligence (AI) in Imaging." Next up was Terry Magnuson, PhD, the Kay M. & Van L. Weatherspoon Eminent Distinguished Professor of Genetics.

His talk, "Introduction to the School of Data Science and Society," provided unique insights for UNC researchers.

The final keynote speaker was Bruce Rosen, MD, PhD, Laurence Lamson Robbins, Professor of Radiology & Vice Chair of Research at Harvard Medical School. He spoke on "Advances in Neuroimaging."

## Oral and Poster Presentations

The event also consisted of two oral presentation sessions which included a total of eight oral abstract presenters, including Tyler Rogers, MS4; Jared Weinard, MD, PGY4; Louise Henderson, PhD; Joshua Shoen, MD, PGY4; Michael Winkler, MD; Weixiong Jiang, PhD; Xinrui Ma, graduate student; and Diwash Thapa, MS4.

The poster presentations were heavily attended as students, residents, and faculty reviewed the displays. Forty posters lined the lobby ranging in a variety of topics from "tele-

guidance" to "advanced imaging for Alzheimer's disease."

## Award Winners

At the end of the day, awards were distributed to the winners before celebrating at a happy hour. Award winners included Best Radiological Sciences Poster by Diwash Thapa, MS4; Best Clinical Poster by Eric Cal, MS3; Best Radiological Sciences Oral Presentation by Xinrui Ma, a graduate student; and Best Clinical Oral Presentation by Joshua Schoen, MD, PGY4. Congratulations to all presenters and winners. And thank you to all those who helped make this event a tremendous success.

## Thank you

Special thanks to the committee members: Karla Allen; Sheerah Coe; Lynn Fordham, MD; Janel Kerley; Maureen Kohi, MD; Yueh Lee, MD, PhD; Paul Marini, MHA; Keith Smith, MD, PhD; Cody Schwartz, MD; and Pew-Thian Yap, PhD.





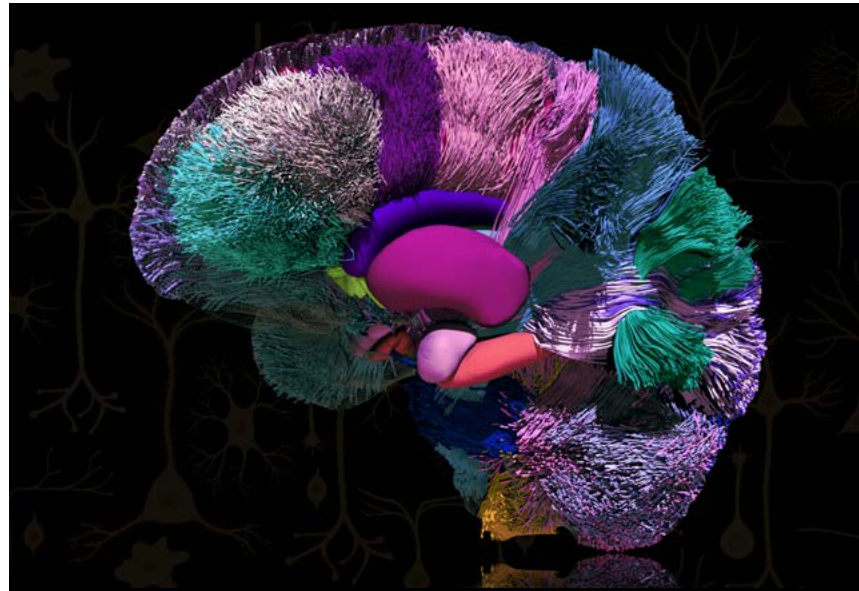
# Photo Contest Winner

*Sahar Ahmad, PhD, our new Research Instructor in the Radiological Sciences Group, along with Ye Wu, and Pew-Thian Yap, PhD, were selected as winners of the NIH 2022 BRAIN Initiative Show Us Your BRAINS! Photo & Video Contest. Her image won second place in the contest.*

Neuroscience has come a long way since the hand drawings of Ramón y Cajal. Innovative technology continues to capture the wonder and beauty of the brain. Each year, regardless of discipline, career stage, or funding source, the NIH invited all those engaged in the Brain Research Through Advancing Innovative Neurotechnologies® (BRAIN) Initiative to enter their coolest, most artistic, and eye-catching images or short videos in The BRAIN Initiative® Show Us Your BRAINS! Photo & Video Contest.

The BRAIN Initiative Investigators Meeting Program Committee reviews anonymized submissions and narrows the field to submissions they feel capture the creative spirit of the BRAIN Initiative. Finalists' submissions are then posted online and open for public voting. The top three photos and top three videos were announced as part of the annual BRAIN Initiative Meeting - WITH PRIZES!

Their image was also featured in the [NIH Director's Blog: The Amazin Brain: Tight-Knit Connections by Lawrence Tabak, D.D.S., Ph.D.](#)



## Mindmap

### The Intricate Wiring of The Human Brain

**Brain activity is orchestrated by propagating information between brain regions through fiber tracts, visualized via diffusion MRI tractography.**



Sahar Ahmad, PhD



# Study finds that accurate diagnostic mammography outcomes vary by racial and ethnic groups

Original article appeared on Lineberger Comprehensive Cancer Center News Feed | June 2022  
The study's results were published June 17, 2022, in *Cancer Epidemiology, Biomarkers & Prevention*, a journal of the American Association for Cancer Research.

A multi-institutional study led by UNC Lineberger Comprehensive Cancer Center researchers and colleagues has found that diagnostic mammography results varied across racial and ethnic groups, with the rate of diagnostic accuracy highest in non-Hispanic white women and lowest in Hispanic women.



Sarah J. Nyante PhD, MSPH

## Racial disparities and outcomes

The researchers reviewed 267,868 diagnostic mammograms; women were followed for one year after their mammogram to see if they developed breast cancer. The records came from 98 facilities in the Breast Cancer Surveillance Consortium, a mix of urban and rural locations spanning six states, including the Carolina Mammography Registry, and were based on mammograms performed from 2005 to 2017.

An accurate cancer detection rate was highest in non-Hispanic white women (35.8 per 1,000 mammograms) and lowest among Hispanic women (22.3 per 1,000 mammograms). A recommendation for short interval follow-up, which entails additional imaging after six months, was most common among non-Hispanic Black women (31%). False-positive biopsy recommendations, where a tissue biopsy was recommended but no breast cancer was found in the tissue sample, were most common among Asian/Pacific Islander women (169.2 per 1,000 mammograms).

"Even though we found some differences between racial and ethnic groups that we evaluated, none of the mammogram practices fell below the minimal acceptable standards for diagnostic interpretation that were published in 2013," said UNC Lineberger's Sarah J. Nyante, PhD, MSPH, associate professor of radiology at UNC School of Medicine, adjunct assistant professor of epidemiology at the UNC Gillings School of Global Public Health

and corresponding author of the article. "Our study is documenting differences in outcomes and giving us an understanding of how we can get better in terms of science and particularly, in delivering equitable healthcare."

## Reducing diagnostic disparities

The researchers determined that a woman's individual characteristics, such as age and other factors, did not explain the racial/ethnic variations found in diagnostic mammography performance. They did conclude, however, that two other factors contributed to some of the disparities: the imaging facility itself and concurrent use of breast ultrasound or MRI during the diagnostic process. These data suggest interventions that target the imaging facility and use of additional imaging modalities could help in reducing some diagnostic disparities.

"If our study showed that a factor was particularly important and impacted disparities, we hope to develop a follow-up study where we can really dig into those details because there are many factors that could affect differences by facility," Nyante said. "There are a lot of things that are within a facility's control, including scheduling and hiring of accredited radiologists."

Currently, many mammograms now utilize detailed three-dimensional imaging whereas, for the timeframe of this study, most mammograms were two-dimensional, making generalizations to current practice unclear and a factor that the researchers hope to follow up on in future research.

# Publications | January - December 2022

## ABDOMINAL IMAGING

### ACR Appropriateness Criteria® Staging of Colorectal

**Cancer: 2021 Update.** Expert Panel on Gastrointestinal Imaging, Korngold EK, Moreno C, Kim DH, Fowler KJ, Cash BD, Chang KJ, Gage KL, Gajjar AH, Garcia EM, Kambadakone AR, Liu PS, Macomber M, Marin D, Pietryga JA, Santillan CS, Weinstein S, Zreloff J, Carucci LR. *J Am Coll Radiol.* 2022 May;19(5S):S208-S222. PMID: 35550803.

### Short-Term Mitigation Steps During the Iohexol Contrast Shortage: A Single Institution's Approach.

Mossa-Basha M, Kohi M, Salazar G, Burke LMB. *JACR.* 2022 Jul;19(7):841-845. PMID: 35594951

### Comparing Survival Outcomes of Patients with LI-RADS-M Hepatocellular Carcinomas and Intrahepatic Cholangiocarcinomas.

Kierans AS, Lafata KJ, Ludwig DR, Burke LMB, Chernyak V, Fowler K, Faum T, McGinty K, McInnes M, Medriatta-Lala M, Cunha G, Allen BC, Hecht EM, Jaffe TA, Kalisz KR, Ranathunga DS, Wildman Toriner B, Cardona DM, Aslam A, Gaur S, Bashir MR. *J Magn Reson Imaging.* 2022 May 5. PMID: 35512243

### CT/MRI and CEUS LI-RADS Major Features Association with Hepatocellular Carcinoma: Individual Patient Data Meta-analysis.

Van der Pol CB, McInnes MDF, Salameh JP, Levis B, Chernyak V, Sirlin CB, Bashir MR, Allen BC, Burke LMB, Choi JY, Choi SH, Forner A, Fraum TJ, Giamperoli A, Jiang H, Joo I, Kang Z, Kierans AS, Kang HJ, Khatri G, Kim JH, Kim MJ, Kim SY, Kim YY, Kwon H, Lee JM, Lewis SC, McGinty KA, Mulazzani L, Park MS, Piscaglia F, Podgórska J, Reiner CS, Ronot M, Rosiak G, Song B, Song JS, Tang A, Terzi E, Wang J, Wang W, Wilson SR, Yokoo T. *Radiology.* 2022 Feb;302(2):326-335. Epub 2021 Nov 16. PMID: 34783596.

### The Association of Contrast Enhanced Ultrasound-derived Kidney Microvascular Perfusion with Kidney Function.

Srivastava A, Sridharan A, White RE, Kasoji SK, Burke LMB, Dayton PA, Johnson KA, Chang EH. *Kidney360.* 2022 Jan;3(4):647-656. PMID: 35721623

### Global Volunteerism in Radiology: Common Pitfalls.

McGinty K. *Appl Radiol.* 2022;51(6):35-37

## BREAST IMAGING

### A rare case of myofibroblastoma in an older male.

Osment AE, Roethling C, Jordan SG, Kuzmiak CM. *Radiol Case Rep.* 2022 Sep 20;17(11):4431-4434. PMID: 36188075.

### Case-based Learning: Its Importance in Medical Student Education.

Fromke EJ, Jordan SG, Awan OA. *Acad Radiol.* 2022 Aug;29(8):1284-1286. PMID: 35835535.

### Support From Within: Coaching to Enhance Radiologist Well-Being and Practice.

Gowda V, Jordan SG, Oliveira A, Cook TS, Enarson C. *Acad Radiol.* 2022 Aug;29(8):1255-1258. PMID: 34924280.

### Virtual Journal Club Beyond the Pandemic: An Enduring and Fluid Educational Forum.

Belfi LM, Dean KE, Sailer DS, Kesler T, Jordan SG. *Curr Probl Diagn Radiol.* 2022 Jul-Aug;51(4):450-453. PMID: 34600795.

### Self-Care and Storytelling for Radiologists: A Feasibility Study.

Belfi LM, Jordan SG, Chetlun A, Deitte LA, Frigini LA, Methratta ST, Robbins J, Woods R, Benefield T, Jay AK. *Curr Probl Diagn*

*Radiol.* 2022 Jul-Aug;51(4):445-449. PMID: 34334224.

### Talking Points: Enhancing Communication Between Radiologists and Patients.

Burns J, Agarwal V, Catanzano TM, Schaefer PW, Jordan SG. *Acad Radiol.* 2022 Jun;29(6):888-896. PMID: 33846062.

### Senior Authorship in Academic Radiology Journals: Roles, Responsibilities, and Rewards.

Oliveira A, Smith EB, Robbins JB, Patel MD, Jordan SG. *Acad Radiol.* 2022 Jun;29(6):914-918. PMID: 33722443.

### The Short and the Long of It: Transitioning to a Blended Longitudinal Curriculum in Radiology.

Belfi LM, Rotman JA, Benefield T, Jordan SG. *J Am Coll Radiol.* 2022 Jun;19(6):699-705. PMID: 35397227.

### Medical Education Research Design.

Patel MD, Jordan SG. *J Am Coll Radiol.* 2022 Jun;19(6):693-698. PMID: 35346617.

### Great Question! The Art and Science of Crafting High-Quality



# BREAST IMAGING CONTINUED

## Multiple-Choice Questions.

Catanzano T, Jordan SG, Lewis PJ. *J Am Coll Radiol*. 2022 Jun;19(6):687-692. PMID: 35288095.

## Mentoring Medical Education Research: Guidelines from a Narrative Review.

Beck Dallaghan GL, Coe CL, Wright ST, Jordan SG. *Med Sci Educ*. 2022 May 25;32(3):723-731. PMID: 35818612.

## Strengthening the Clinical Learning Environment by Mandate-Implementing the ACGME Common Program Requirements.

Oliveira A, Slanetz PJ, Catanzano TM, Sarkany D, Siddall K, Johnson K, Jordan SG. *Acad Radiol*. 2022 May;29 Suppl 5:S65-S69. PMID: 33303348.

## ACGME Diagnostic Radiology Milestones 2.0: the Time is Now.

Grayev A, Catanzano TM, Sarkany D, Winkler N, Gaetke-Udager K, Mian A, Frederick J, Jordan SG. *Acad Radiol*. 2022 May;29 Suppl 5:S18-S26. PMID: 33293257.

## Interprofessional Education - A Mandate for Today's Radiology Curriculum.

Burns J, Agarwal V, Jordan SG, Dallaghan GLB, Byerley JS. *Acad Radiol*. 2022 May;29 Suppl 5:S89-S93. PMID: 34210613.

## Artificial Intelligence in Radiology Education: A Longitudinal Approach.

Gowda V, Jordan SG, Awan OA. *Acad Radiol*. 2022 May;29(5):788-790. PMID: 34561165.

## Ensuring a Smooth Transition for Trainees Returning from Parental Leave - A Guide for Program Directors.

DeBenedectis CM, Jay AK, Jordan SG, Raybon CP, Robbins JB, Deitte LA. *Acad Radiol*. 2022 May;29 Suppl 5:S38-S42. PMID: 34108116.

## I.C.A.R.U.S. in Flight: A Radiology Simulator Teaches Imaging Appropriateness, Anatomy, and Image Interpretation Skills.

Belfi LM, Dean KE, Jordan SG. *Acad Radiol*. 2022 May;29 Suppl 5:S94-S102. PMID: 33896718.

## Structured Reports and Radiology Residents: Friends or Foes?

Burns J, Catanzano TM, Schaefer PW, Agarwal V, Kim D, Goiffon RJ, Jordan SG. *Acad Radiol*. 2022 May;29 Suppl 5:S43-S47. PMID: 33160861.

## In Seas of Change, a Call to Action: 2021 American Board of

## Medical Specialties Policy on Parental, Caregiver, and Medical Leave During Training.

Raybon CP, Jordan SG, Deitte LA, DeBenedectis CM, Jay AK, Robbins JB. *Acad Radiol*. 2022 May;29 Suppl 5:S34-S37. PMID: 33812785.

## It Takes a Village: A Multimodal Approach to Addressing Radiologist Burnout.

Oliveira A, Gowda V, Jordan SG. *Curr Probl Diagn Radiol*. 2022 May-Jun;51(3):289-292. PMID: 34980509.

## See One, Do One, Share One - Introducing Visual Abstracts in Journal Publication.

Dallaghan GLB, Belfi LM, Houston KM, Jordan SG. *Acad Radiol*. 2022 Apr;29(4):591-597. PMID: 34219011.

## The Early Bird Gets the Work: Maintaining a Longitudinal Learner Portfolio From Medical School to Physician Practice.

Kanfi A, Faykus MW, Tobler J, Dallaghan GLB, England E, Jordan SG. *Acad Radiol*. 2022 Apr;29(4):569-575. PMID: 33413963.

## Web-Based Radiology Learning Module Design: The Author Perspective.

Belfi LM, Jordan SG. *Acad Radiol*. 2022 Apr;29(4):584-590. PMID: 33836944.

## A new search pattern for emergency breast exams: the clinical picture.

Moore DA, Bracewell SL, Smith EB, Jordan SG. *Emerg Radiol*. 2022 Feb;29(1):207-213. PMID: 34533665.

## Online Hide and Seek: Allopathic US Medical Schools' Radiology Education Virtual Presence.

Smith EB, Sherrill GC, Lewis PJ, Faykus MW, Jordan SG. *Curr Probl Diagn Radiol*. 2022 Jan-Feb;51(1):25-29. PMID: 33865644.

## Breast Imaging Boot Camp Meets Milestones 2.0: A Match Made in Clinic.

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Katrina McGinty, MD, speaking at the RAD AID conference November 2022



# Diversity, Equity & Inclusion

## UNC Radiology 2022 Update

Maureen Kohi, MD, joined the UNC Department of Radiology in December 2020 as the first female Chair in the Department's 70-year history. She is also the only female Radiology Department Chair in the country who is trained as a Vascular and Interventional Radiologist. Since her arrival, Dr. Kohi has prioritized diversity, equity, and inclusion throughout the Department. In addition, she has impacted DEI by adding intentional programs in the Department with a longitudinal focus on diversity recruitment.

Recruitment has been a significant focus for Dr. Kohi. Of the 18 faculty she has recruited who have joined the Department since her arrival, 50% of them are women, URM, and/or part of the LGBTQ+ community. Dr. Kohi believes trainees and potential trainees need to see themselves reflected in the faculty and leadership teaching and caring for them. Dr. Kohi firmly believes, "You can't be what you can't see."

A significant shift can be seen in the Department from the top down, where senior leadership went from 33% women and people of color to 79% in the last 24 months. The division leadership is 55% women and people of color, and the Education Leadership is now at 67%. Overall, 37% of the Department's faculty are women. This is particularly impressive, given that women comprise approximately 25% of practicing Diagnostic Radiologists and 10% of Vascular and Interventional Radiologists.

The department recently established the inaugural position of Vice Chair of Diversity and Health Equity, and Dr. Gloria Salazar, the former Division Chief of VIR, accepted the position. In her role, she will oversee the growth and expansion of our Castillo Scholars at UNC. In addition, she will be promoting global health, health inequity research, and the professional development of our women and URM faculty and trainees.

Dr. Kohi firmly believes that it's not enough to simply recruit women and URMs into the Department or the Leadership team. Instead, women and URMs benefit



*Gloria Salazar, MD*

from dedicated professional development and career advancement opportunities that will help their careers soar at UNC. To give Radiology women and minority faculty the opportunities to grow and develop their careers, Dr. Kohi secured an industry-sponsored grant funded by the "Women & Minority Leadership development program." Additionally, Dr. Kohi helped establish the Mauricio Castillo Summer Scholars Program, which is an outreach program that invites women and URM medical students between their first and second year of medical school to rotate in Radiology, among other specialties. This program aims to address racial and gender disparities among medical students across many medical specialties and serve as a mechanism to improve the recruitment of women and URMs into specialties that have historically struggled with diversity and inclusion. When this program began a year ago, only four Departments were included: Radiology, Surgery, Urology, and Anesthesia. In its second year, much thanks to the support of the clinical Chairs, half the SOM clinical Departments are included. This program has had a notable impact not just within the Department of Radiology but in the larger scope of the UNC School of Medicine and the underrepresented minority student population in the medical school.

Dr. Kohi and UNC Radiology believe that a culture of diversity, equity, and inclusion is beneficial and integral to the success of the Department and the Institution, along with sustaining its mission well into the future. Therefore DEI continues to be a priority which is central to the core of the entire Radiology Team composed of our leaders, faculty, staff, and trainees.

# 2022 Mauricio Castillo, MD Scholars Program Evening of Scholarship



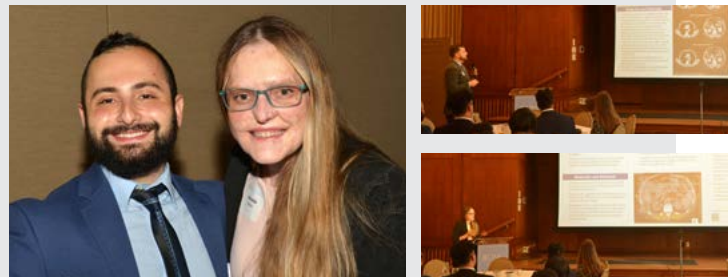
*Wednesday, July 27th we concluded the 2022 Mauricio Castillo, MD, Scholars Program with an Evening of Scholarship. UNC Medical Alumni Association sponsored the event at the Carolina Club, a celebration of the conclusion of the 8-week summer experiences of the 11 Castillo Scholars. At the event the scholars successfully showcased their summer research projects.*



The Department of Radiology would like to give a special shout-out to our Radiology Castillo Scholars, Andrew Hiatt and Marinelda Perlleshi.



Andrew presented his project, "Comparing reduced-dose dual-energy computed tomography (CT) against full-dose conventional CT in the setting of a global contrast shortage: a retrospective review and reader study." Dr. Yueh Lee was Andrew's research mentor on this project.



Marinelda presented her project "Evaluation of Sarcopenia to Predict Outcomes in Patients with Portal Hypertension Post-TIPS." Dr. Clayton Commander was Marinelda's research mentor on this project. Dr. Hyeon Yu also contributed to her project.

Best of Luck to Andrew, Marinelda, and the rest of the 2022 Castillo Scholars in their 2nd year of Medical School.

Top: Scholars pose with Dr. Mauricio Castillo. 2nd row left: Gustavo Alonso Panduro Vargas. 2nd row right: Erina Fujino, Karene Ricketts, and Sarah Nyante. 3rd row left to right: Dr. Amelia F. Drake, Obinna Ejimofor, Samuel Tate III, Vice Dean for DEI E. Nate Thomas III, Karene Ricketts. 4th row: Abdul Hajjar and Marinelda Perlleshi. 4th row top: William (Andrew) Hiatt presenting. 4th row bottom: Marinelda Perlleshi presenting



If you are interested in donating to our Castillo Scholars Fund, scan the qr code

# 2022 Strategic Planning Retreat

*On Saturday, June 4th, 2022, UNC Radiology held a full-day Strategic Planning Retreat at the Kenan Center. The day was a mix of informational and interactive activities to help the department and its people connect and plan for the next five years.*

The day began with breakfast as attendees made their way to the event, speaking with colleagues seated beside them and saying hello to others spread throughout the conference tables.

## **Kicking it Off**

Dr. Maureen Kohi kicked off the event, looking back at where we've come and all we accomplished since her arrival in December 2020. She discussed our four pillars of Clinical, Research, Education, and Culture and talked about the many accomplishments achieved in each of those important areas. She also believes that with the right people, the right resources, and the right place, anything is possible, and at UNC Radiology, we have all those things, helping to make us the best in the Southeast.

## **Support from UNC Health**

Wesley Burks, Dean of the UNC School of Medicine and CEO of UNC Health, said a few words to the team, sharing his perspective on the importance of Radiology in the overall framework of UNC Health. He reiterated his and the systems' commitment to our department.

## **Group Survival**

The tables then took part in a group activity that required them to work as individuals but make decisions as a team. The scenario - lost in the arctic and trying to survive, given a list of supplies and decisions to make. Dr. Kohi then walked the teams through ranking their gear. We then found out who survived, who would be lost to the wilderness (possibly eaten by other team members) and how working as a team makes all the difference.

## **Afternoon**

The internal assessment team spent weeks before the

strategy meeting collecting data through surveys and interviews. They shared their findings at the meeting. After lunch, Paul Marini discussed our established vision and strategic initiatives. Following his discussion, a special guest spoke to the group, Anson Dorrance, the UNC women's soccer coach.

From there, teams split up to tackle specific challenges facing the department and then reconvened to share their insights with the group at large. Next, attendees walked around and used stickers to highlight what they thought were good ideas. The event helped to develop 15 tactics for our strategic plan. The day ended with a cocktail hour where people could relax and mingle.

Thank you to all who attended the event and for your invaluable input to help the Department continue to achieve even greater success! And special thanks to Paul Marini, Janel Kerley and Katina During for helping organize the event.





# Welcome New Faculty

**HOLLINS CLARK**  
PROFESSOR, THORACIC  
IMAGING

Started 1/1/22



Dr. Clark earned his medical degree from the Medical University of South Carolina. He completed his diagnostic radiology residency at the University of Virginia, where he also received a Master of Science in Epidemiology. He then completed abdominal imaging, cardiothoracic imaging, and vascular and interventional radiology fellowships at Wake Forest University Baptist Medical Center.

Some of his recent research has been on the "Presentation and Diagnosis of Acute Pulmonary Embolism in COVID-19 Patients" and "Quality and Safety Improvement Project: Identification and Management of Patients with Interstitial Lung Disease."

**KERRY THOMAS**  
CHIEF & ASSOCIATE  
PROFESSOR, ABDOMINAL  
IMAGING

Started 1/1/22



Dr. Thomas completed her medical degree, diagnostic radiology residency, and an abdominal/body fellowship at the University of South Florida Morsani College of Medicine in Tampa, FL.

Dr. Thomas has specialty training in body imaging, including the gastrointestinal and genitourinary systems. In addition to her clinical focus in abdominal imaging, she is passionate about education and embraces the opportunity to teach the next generation of doctors and help patients and families better understand their medical conditions. She is also interested in improving the patient experience, quality initiatives, and addressing wellness and burnout in healthcare providers.

**NICOLE KEEFE**  
ASSISTANT PROFESSOR,  
VIR

Started 1/1/22



Dr. Keefe earned her medical degree from SUNY Upstate Medical University in 2014. She then completed her residency at the University of Virginia in 2020 in a combined diagnostic and interventional radiology program.

Dr. Keefe's specialty within interventional radiology focuses on women's health, complex IVC filter removals and endoleaks.

She believes that physicians should first "do no harm." She tries to ensure that the procedures she offers are the highest benefit with the lowest risk possible. It's important to her that her patients understand the treatment options available to them for each disease pathology in order to make a well-informed decision.

**CAROLINA GUIMARAES**  
CHIEF & PROFESSOR,  
PEDIATRIC IMAGING

Started 2/1/22



Dr. Guimaraes earned her medical degree from the Universidade de Caxias do Sul, Brazil. She then completed her Diagnostic Radiology residency at the Hospital Mae de Deus in Porto Alegre, Brazil, and her fellowships in pediatric radiology research, pediatric radiology, and pediatric neuroradiology at Cincinnati Children's Hospital Medical Center.

Following her training, Cincinnati Children's Hospital Medical Center recruited Dr. Guimaraes to join their faculty. Dr. Guimaraes joined UNC in January 2022. Her research interests lie within pediatric neuroradiology, including fetal and neonatal imaging. Aside from her clinical work, she is also interested in quality improvement and education.



**JASON PIETRYGA**  
CHIEF & ASSOCIATE  
PROFESSOR, EMERGENCY  
IMAGING

Started 2/1/22



Dr. Pietryga completed medical school at Washington University in Saint Louis. After completing his radiology residency training at the Warren Alpert Medical School of Brown University, he completed an abdominal imaging fellowship at the Duke University Medical Center.

Before joining UNC, he was an associate professor in the emergency radiology section at the University of Alabama at Birmingham. Clinically, Dr. Pietryga practices a broad spectrum of imaging ranging from emergency imaging to specialized abdominal/pelvic imaging and intervention. His research interests include bariatric imaging, liver MRI, prostate MRI, and image-guided intervention. He is an associate editor for *Abdominal Radiology*.

**MAHMUD MOSSA-BASHA** PROFESSOR,  
NEURORADIOLOGY AND  
VICE CHAIR OF QUALITY  
AND SAFETY AND  
DIRECTOR OF MRI

Started 2/1/22



Dr. Mossa-Basha spent 10 years at the University of Washington School of Medicine as Vice Chair of Clinical Operations, the Chief of Radiology, and the director of MRI across the enterprise.

Dr. Mossa-Basha has received multiple research grants from the NIH, the Department of Defense, the Association of University Radiologists, the Radiological Society of North America, the American Society of Neuroradiology, and several commercial vendors as PI, multiple PI or co-Investigator. He was one of the earliest adopters of intracranial vessel wall MRI in clinical practice. He also has contributed to advancements in MRI sequence development, imaging post-processing, and imaging quantitation.

**JAMES GRUDEN**  
PROFESSOR, THORACIC  
IMAGING AND VICE  
CHAIR OF AMBULATORY  
OPERATIONS

Started 3/1/22



Dr. Gruden received his BA from the University of Notre Dame in 1983 before earning his Medical Degree from the University of Miami in 1987. Dr. Gruden completed his Diagnostic Radiology residency at Cornell Medical Center. He then continued his studies at the University of California-San Francisco, where he completed his Fellowship in Thoracic imaging.

His primary experience is in cardiothoracic CT, CT protocol optimization, and CT image post-processing. Some of his specific interests center on high-resolution imaging of diffuse lung disease and the imaging findings in infiltrative lung disease, imaging of the pulmonary vasculature, and lung cancer screening and post-treatment assessment.

**TODD HAZELTON**  
CHIEF & PROFESSOR,  
CARDIOTHORACIC  
IMAGING

Started 5/31/22



Dr. Hazelton received his Medical Degree from the University of South Florida in 1993 and stayed on to complete his Diagnostic Radiology residency. He then continued his studies at the University of Colorado in Denver, completing his Fellowship in Thoracic Imaging in 1998.

After fellowship, Dr. Hazelton accepted a position as an Attending Thoracic Radiologist and Assistant Professor at the H. Lee Moffitt Cancer Center & Research Institute at the University of South Florida. He remained at USF for over two decades.

He has written multiple articles for peer-reviewed journals and has been a corporate author as a National Lung Screen Trial Research Team member.



# Welcome New Faculty

**LANE DONNELLY**  
PROFESSOR, PEDIATRIC  
IMAGING

Started 5/31/22



Lane F. Donnelly MD is currently the Director of Quality at UNC Children’s Hospital and Executive Medical Director, Pediatric Population Health & Quality at UNC Health.

Dr. Donnelly has been an NIH-funded researcher, has published over 295 peer review manuscripts that have been cited over 11,500 times, and has authored multiple textbooks, including Pediatric Imaging: The Fundamentals, a lead-selling textbook on pediatric imaging. Many improvement projects for which he was a contributor have received multiple national recognitions including International Quality Radiology Network’s Quality-Improvement in Radiology Practices Paper Competition: Annual Award 2008 (Paper of the Year).

**WEILING ZHAO**  
ASSOCIATE RESEARCH  
PROFESSOR,  
RADIOLOGICAL SCIENCES

Started 5/31/22



Dr. Zhao has over 20 years of experience in radiation and cancer biology, with an emphasis on studying the role of oxidative stress in disease pathogenesis and demonstrating the mechanism(s) associated with tumor development and potential targets for the treatment of cancers. Dr. Zhao has published over 80 peer-reviewed papers since 2000 on cellular and molecular aspects of diseases and is serving as PI or CO-I on NIH, industry, and foundation-supported research grants. She has worked closely with biomedical informatics and systems biologists in numerous studies in the past several years and participated in data collection, signaling analysis, biological explanation, and validation. She has demonstrated a record of productive research in the radiation and cancer research field.

**MICHAEL WINKLER**  
PROFESSOR,  
CARDIOVASCULAR  
RADIOLOGY

Started 7/1/22

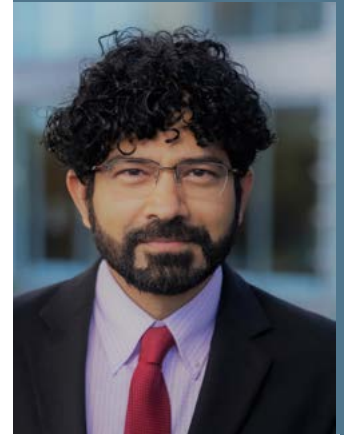


Dr. Winkler earned his medical degree from the University of Chicago Pritzker School of Medicine in 1998. He completed a diagnostic radiology residency at the University of California Los Angeles Geffen School of Medicine in 2004. He completed his Cardiovascular and Interventional Radiology Fellowship from the same institution in 2006.

In 2009 Dr. Winkler became an Assistant Professor at the University of Kentucky, where he spent 11 years of his career. While at UK, he co-founded an interdisciplinary medical volumetric visualization and fabrication lab in the university’s School of Art and Visual Studies, where imaging files can be changed into 3D replicas of internal organs. He still holds an appointment there.

**GIRISH GANDIKOTA**  
VICE CHAIR OF INPATIENT  
OPERATIONS AND  
PROFESSOR, MSK

Started 7/16/22



Dr. Gandikota obtained board certifications in surgery (F.R.C.S.) and Radiology (F.R.C.R.) in the U.K. He did his fellowship in Musculoskeletal Radiology at McMaster University, Hamilton, Ontario, Canada. After the fellowship, he joined the University of Michigan as a lecturer and was most recently a Professor of Radiology before joining UNC.

Dr. Gandikota has been an invited speaker, delivering more than 300 invited lectures and national presentations. He has over 75 scientific papers/exhibits in national conferences and over 68 peer-reviewed publications to date. His main research interests include M.S.K. Ultrasound, Sports Medicine, and Arthritis. He is a co-investigator in a NIH RO1 Grant (\$3,545,507) on Arthritis.

**GENEVIEVE WOODARD**

CHIEF & ASSOCIATE PROFESSOR, BREAST IMAGING

Started 7/29/22



Dr. Woodard completed an MSTP program (combined MD/PhD degree) at the University of Pittsburgh, with her PhD in Epidemiology evaluating novel risk factor associations for sub-clinical cardiovascular disease. She completed a diagnostic radiology residency and a one-year breast imaging fellowship at the University of California San Francisco.

Her academic interests include breast imaging findings following COVID-19 vaccination, an educational review on breast infections, and educational tips on challenging breast procedures. Research has included imaging guidelines in patients with prior mastectomies, targeted breast ultrasound in pregnant patients, breast imaging in breastfeeding women, and breast imaging in male patients.

**PRIYA MODY**

ASSISTANT PROFESSOR, COMMUNITY IMAGING

Started 8/1/22



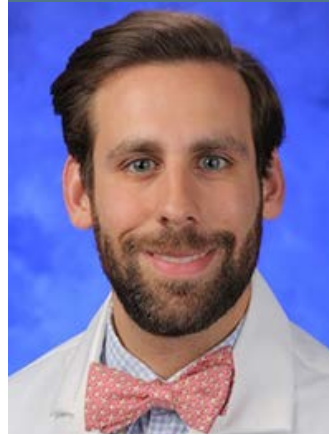
Dr. Mody graduated from St. George's University School of Medicine in Grenada before completing her internship in General Surgery at The Brooklyn Hospital Center in Brooklyn, NY, staying on for a second year of General Surgery training afterward. She subsequently completed a residency in Diagnostic Radiology at Morristown Medical Center in Morristown, NJ. Dr. Mody, a North Carolina native, returned to the University of North Carolina at Chapel Hill to complete an independent residency in Vascular & Interventional Radiology.

Dr. Mody's clinical interests include interventional oncology, pain management interventions, & women's health. Her research interests include education, community medicine, & quality improvement.

**WILLIAM PRYOR**

ASSOCIATE PROFESSOR, PEDIATRIC IMAGING

Started 8/8/22



Dr. Pryor earned his medical degree from the Medical University of South Carolina in 2016. He completed a surgical internship and diagnostic radiology residency at Penn State Health in 2021. He then completed a Pediatric Radiology Fellowship at Children's Hospital Colorado in 2022.

While in training, he participated in several research projects, including "Many a slip twixt the cup and the lip: A novel review of MRI appendicitis steps" and "Scurvy's voyage: Recognition of imaging findings in the modern era." He has been published in several journals and presented domestically and internationally at conferences. His research interests range from contrast-enhanced ultrasound to developing spaced learning programs.

**DOROTHY SIPPO**

ASSOCIATE PROFESSOR, BREAST IMAGING AND VICE CHAIR OF INFORMATICS

Started 8/30/22



Dr. Sippo completed fellowships in Breast Imaging and Imaging Informatics at Brigham and Women's Hospital. In addition, Dr. Sippo is a Certified Imaging Informatics Professional and Subspecialty Board Certified in Clinical Informatics. She has experience in natural language processing and artificial intelligence, structured reporting, clinical data mining for quality improvement and research, clinical decision support, critical results tracking and communications, and development, implementation, and evaluation of informatics tools within clinical workflow.

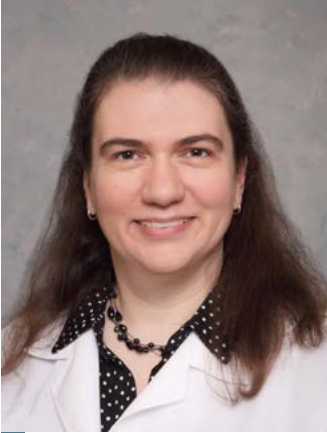
Dr. Sippo's research interests include implementing informatics tools in clinical radiology and optimizing breast cancer screening performance, particularly mammography and breast MRI.

# Welcome New Faculty & Staff

## STACY O'CONNOR

ASSOCIATE PROFESSOR, ABDOMINAL IMAGING AND ASSOCIATE VICE CHAIR OF INFORMATICS AND QUALITY

Started 9/26/22



Dr. O'Connor received her bachelor's degree from MIT in 2000 before earning her Medical Degree from Mount Sinai School of Medicine in New York in 2006. She completed her intern year at Leigh Valley Hospital in Pennsylvania before moving on to a Radiology Residency at The University of Wisconsin. She continued her education with an Abdominal Imaging and Intervention and Informatics fellowship at Brigham and Women's Hospital, which she completed in 2013. During that time, she also received her

Master's in Publish Health from Harvard School of Public Health and a Master of Medical Science with a dual concentration in clinical informatics and imaging informatics from Harvard Medical School.

## JOHN MONGE, MD

ASSISTANT PROFESSOR, BREAST IMAGING

Started 11/7/22



Dr. John Monge is originally from Trujillo Alto, Puerto Rico. He is a graduate of the University of Illinois, where he obtained both his bachelor's and medical degrees. He completed his Diagnostic Radiology residency at Advocate Illinois Masonic Medical Center in downtown Chicago. Afterward, he trained at the University of North Carolina as a Breast Imaging Fellow. After his fellowship, he accepted a position in private practice with Raleigh Radiology before coming back to UNC. Dr. Monge's

interests are serving underrepresented populations and medical education. His hobbies include baseball, basketball, hiking, and spending time with his family.

## JESSICA BARBEE

Research Assistant



jessica\_barbee@med.unc.edu  
(919) 966-1411

**role:** data abstraction, data management, sample request and tracking; and documenting study and data abstraction procedures.

## SHEERAH COE

Communications & Marketing Manager



sheerah\_coe@med.unc.edu  
(954) 540-1900

**role:** communications and marketing including website, social media, newsletter, and design support.

## NICOLE CLAYTON

Administrative Support Associate



nclayt@email.unc.edu  
(919) 966-6646

**role:** administrative support for Breast, MSK, and MIT

## LOUIS COUDURIER

Research Associate/Analyst



louis\_coudurier@med.unc.edu  
(919) 966-8016

**role:** data management and analysis support to the Epidemiology Research Team





**MACKENZIE CRANFORD**

Credentialing Specialist



mackenzie\_cranford@med.unc.edu

(919) 445-2734

**role:** hospital privileging and credentialing specialist

**KATINA DURING**

Education & Administrative Manager



katina\_during@med.unc.edu  
(919) 966-4180

**role:** oversees the faculty support admins, and the reading room and education coordinators

**EMILY GARDNER**

Research Administration Lead



emily\_gardner@med.unc.edu  
(919) 843-0784

**role:** research support for grant submissions, general support for research administration

**JANEL KERLEY**

Administrative Support Associate



kerley\_janel@med.unc.edu  
(919) 445-6165

**role:** administrative support for Abdominal, Community, and Emergency divisions

**CHRISTOPHER LYU**

Associate Director  
Epidemiology Research Team



christopher\_lyu@med.unc.edu  
(919) 966-2865

**role:** managing operations, finance, personnel, research initiatives, and projects

# Welcome New Staff

## JOSEPHINE MUIRURI

Accountant



josephine\_muiruri@med.unc.edu  
(919) 455-9640

**role:** post-award accounting, financial reporting and forecasting, effort management for research personnel

## GINA PIETRYGA

Administrative Support Associate



gina\_pietryga@med.unc.edu  
(919) 966-4292

**role:** administrative support for Neuroradiology and Pediatric divisions

## ALLISON SPEAGLE

Student Services Specialist



allison\_speagle@med.unc.edu  
(919) 445-6985

**role:** provides day to day administrative support to the Diagnostic Residency Program.

## CARLY SRONCE

Nurse Consultant - Research Team



carly\_sronce@med.unc.edu  
(919) 966-3262

**role:** provides nursing support and study coordination for the Clinical Research Division

# Promotions



## TERRY HARTMAN

Administrative Director for Clinical Research



## DESMA JONES

Associate Director, Clinical Research Operations



## ARLIN WILL

IR Residency Program Coordinator



## MARKEELA LISCOMBE

Lead Clinical Research Coordinator



# Community Engagement



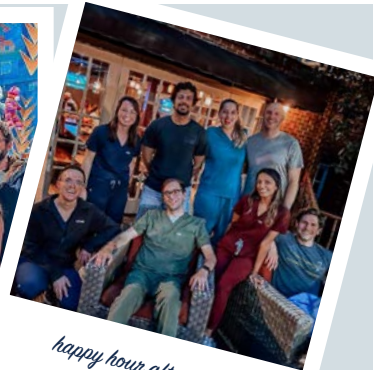
*Resident Retreat*



*Resident Retreat*



*NC State Fair*



*happy hour after block*



*October 18: Women in Radiology Dinner with Special Guests Drs Ruth Carlos and Sharmila Majumdar*



*women in Radiology*



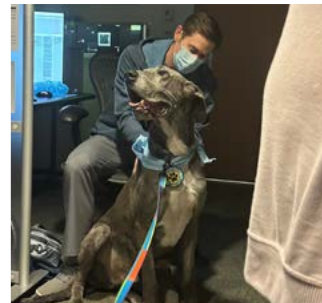
*hiking adventures*



*November 15: Faculty Leadership Dinner*

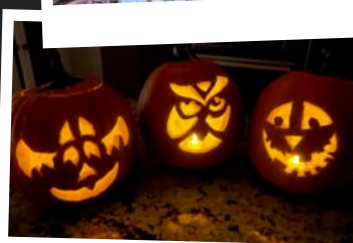
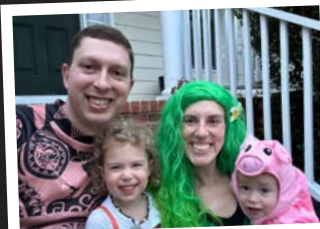
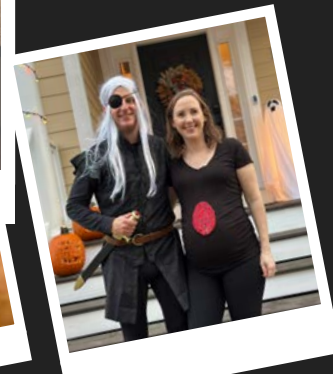
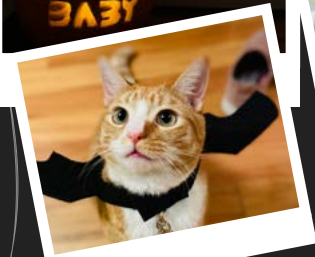


*TarHeel Paw Visit*



*TarHeel Paw Visit*

## HALLOWEEN HIGH JINKS





# Highlights and Honors



**BENJAMIN BROWN, MD**

*PGY 3 Integrated Interventional Radiology Resident*

Selected for the RSNA/AUR/ARRS Introduction to Academic Radiology (ITAR) Program.



**LAUREN BURKE, MD**

*Associate Professor, Abdominal Imaging*

Received her FSAR, Fellow of Society of Abdominal Radiology, designation.



**MAURICIO CASTILLO, MD**

*Matthew A. Mauro, M.D. Distinguished Professor, Neuroradiology*

Selected as the American Roentgen Ray Society (ARRS) 2020 Gold Medal recipient.



**MICHELE CLARK**

*Administrative Specialist*

Won the 2022 Vickie Holland Memorial award.



**CLAYTON COMMANDER, MD**

*Assistant Professor, VIR*

Selected to participate in the 2022-2023 RSN Advanced Course in Grant Writing.



**JAY CRAWFORD**

*Informatics Manager*

Guest expert on the Society for Imaging Informatics in Medicine (SIIM) Podcast Series, Season 5, Episode 12 on Data Storage.



**LANE DONNELLY, MD**

*Professor, Pediatric Imaging*

He, along with a board member and long time supporter of Stanford, had the honor of a Seed Grant named for him: Lillie and Donnelly Seed Grant Program.



**TONYA EDGE**

*Business Systems Analyst*

Inducted as a member into the American Board of Imaging Informatics & Society for Imaging Informatics in Medicine (SIIM) Diversity, Equity & Inclusion (DEI) Committee. Became a trustee in the American Board of Imaging Informatics (ABII) Board of Trustees.



**SARAH EDWARDS**

*Administrative Support Specialist to Executive Vice Chair*

Won the 2021 Staff Outstanding Performance Award.



**JOSEPHINE FINAZZO, MD**

*Assistant Professor, Abdominal Imaging*

Inducted as a new member of the UNC Academy of Educators. Promoted to Co-Director of the Abdominal Fellowship.



**LYNN FORDHAM, MD**

*Professor, Pediatric Imaging*

Appointed Assistant Editor of Pediatric Radiology for the Journal Radiographics.



**TYLER GLASS, MD**

*PGY 3 Diagnostic Radiology Resident*

Selected for the RSNA/AUR/ARRS Introduction to Academic Radiology (ITAR) Program.



**JAMES GRUDEN, MD**

*Professor, Thoracic Imaging*

Chief Question Editor for the MoC exam in Thoracic Imaging for a two year term & Director of the ACR committee of Body Imaging Economics. Accepted position as Vice Chair of Ambulatory Imaging Operations.



**LOUISE HENDERSON, PhD**

*Professor, Epidemiology Research*

Selected by the Academy For Radiology & Biomedical Imaging to receive the Academy's 2022 Distinguished Investigator (DI) Award.



**RACHEL HITT, MD**

*Associate Professor, Breast Imaging*

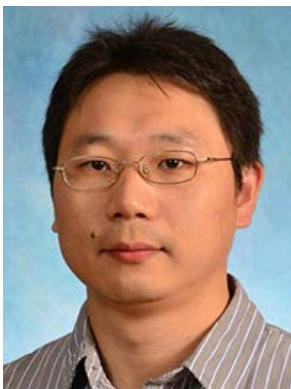
UNC Academy of Educators Recognized her as a 2021 - 2022 Graduate: Passing the Torch. Accepted position as Director, Patient Experience and Clinician Wellness and Breast Imaging Fellowship Director.



**JOSEPH J.T. LEE, MD**

*Professor & Chair Emeritus*

Honored for his significant contributions to the advancement of radiology in the areas of patient care, education and research at the Evans Society Alumni Gala.



**GANG LI, PhD**

*Associate Professor, Radiological Sciences*

Selected by the Academy For Radiology & Biomedical Imaging to receive the Academy's 2022 Distinguished Investigator (DI) Award.



**ZIBO LI, PhD**

*Professor, Radiological Sciences*

Selected by the Academy For Radiology & Biomedical Imaging to receive the Academy's 2022 Distinguished Investigator (DI) Award.





**KASSIE MCCULLAGH, MD**

*Assistant Professor,  
Neuroradiology*

Selected for RSNA's Introduction to Academic Radiology for Junior Faculty (ITARJF) Program. New Associate Chair of UME.



**DAVID MAURO, MD**

*Chief & Associate Professor, VIR*

Promoted to the rank of Division Chief of VIR.



**DANIEL NISSMAN, MD**

*Chief & Associate Professor,  
Musculoskeletal Imaging*

Appointed Associate Editor of Radiology: Artificial Intelligence.



**SARAH J. NYANTE, PHD**

*Assistant Professor, Epidemiology  
Research*

Newest Member of the Council of Early Career Investigators in Imaging.



**KRISTEN OLINGER, MD**

*Assistant Professor, Abdominal  
Imaging*

Inducted as a new member of the UNC Academy of Educators.



**GLORIA SALAZAR, MD**

*Associate Professor, VIR*

Inaugural Vice Chair of Diversity and Health Equity



**BENJAMIN SMITH, MD**

*Assistant Professor, Pediatric  
Imaging*

Appointed the new Director of Education for Pediatric Imaging



**KERRY THOMAS, MD**

*Chief & Associate Professor,  
Abdominal Imaging*

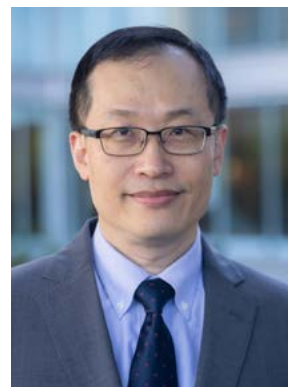
Accepted into the SCARD-GE Leading Empowering and Disrupting (LEAD) Program.



**PEW-THIAN YAP, PhD**

*Associate Professor, Radiological  
Sciences*

Selected by the Academy For Radiology & Biomedical Imaging to receive the Academy's 2022 Distinguished Investigator (DI) Award



**HYEON YU, MD**

*Professor, VIR*

Received his FSIR, Fellow of Society of Interventional Radiology, designation.



# Awards & Recognition



**DIANE ARMAO, MD**

*Clinical Research Faculty*

She was awarded a grant from Hanna’s Hope Fund (HHF) for her project “Neuropathologic characterization of a new mouse model of giant axonal neuropathy (GAN).”

The grant is in the amount of \$62,589 from 7/1/2022 through 6/30/2023.

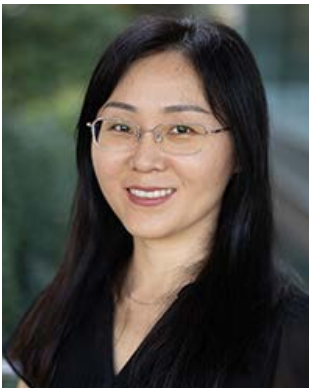


**RACHEL HITT, MD**

*Associate Professor, Breast Imaging*

and her Co-Director Loretta Muss, received a UNC Gillings School of Public Health Capstone Grant! The master’s capstone is a year-long service-learning course that gives students an opportunity to apply the

knowledge and skills gained in the first year.



**MINGXIA LIU, PHD**

*Assistant Professor and Director of the (MAGIC) Lab, Radiological Sciences*

She was awarded a NIH R01 grant for her project titled, “Multi-Site Neuroimage Harmonization for Personalized Brain Disorder Analysis.” The grant is in the amount of \$1,405,587 from 5/1/2022 - 4/30/2025.



**KATRINA MCGINTY, MD**

*Associate Professor, Abdominal Imaging*

Awarded the Radiological Society of North America Derek Harwood Nash International Educational Scholars Grant in the amount of \$75,000.

The grant provides funding for investigators whose focus is advancing radiologic education internationally.



**JORGE OLDAN, MD**

*Associate Professor, MIT*

Awarded a Research Seed Grant from RSNA in the amount of \$40,000 for his project entitled, “18-fluorofuranylnorprogesterone (FFNP) PET/CT as a potential biomarker of response to progesterone therapy in complex atypical hyperplasia (CAH) and grade 1 endometrial cancer (EC).”



**PEW-THIAN YAP, PhD**

*Associate Professor, Radiological Sciences*

Received a NIH R01 grant in his role as Consortium PI entitled, “Development of Magnetic Resonance Fingerprinting in Kidney for Evaluation of Renal Cell Carcinoma.” The total budget for 5 years is \$2.5 million with UNC receiving \$663,357. The project started 1/9/2022.

# Matthew A. Mauro Alumni Society



We are pleased to announce the Matthew A. Mauro Alumni Society, the UNC Department of Radiology's newly created alumni society. The goal of the organization is to provide an opportunity for the social and scientific reunion of the current and former Residents, Fellows, and Faculty members of the Department of Radiology. The society also now offers financial support to our current trainees through our Education Fund by providing financial assistance that would otherwise not be available to expand and enhance their educational experience. Through the Society, we honor the legacy of Matthew A. Mauro, the James H. Scatliff Distinguished Professor of Radiology,

the President of the UNC Faculty Physicians, and the chair of the Radiological Society of North America (RSNA) Board of Directors and the incoming President of RSNA. He was the 4th chair of the UNC Department of Radiology, serving in that role from 2007 to 2019.

A graduate of Cornell University in New York, Dr. Mauro has a long history with UNC Radiology and UNC Health. He completed his residency and a fellowship in Diagnostic Radiology and Vascular Surgery here. During his tenure as Chair of UNC Radiology, Dr. Mauro increased the funding of our residency program to allow for an additional headcount. In conjunction with our mission statement, he revamped the department's organizational structure to emphasize basic research. He worked collegially with other departments on integrated technology programs to improve both the quality of our training programs and multi-disciplinary patient satisfaction.



To donate to our new society and help fund our education opportunities scan the qr code

## New Lectureships

### MATTHEW MAURO, MD VASCULAR INTERVENTIONAL RADIOLOGY



Dr. Mauro is the James H. Scatliff Distinguished Professor of Radiology, the President of the UNC Faculty Physicians, and is chair of the Radiological Society of North America (RSNA) Board of Directors. Dr.

Mauro has devoted his career to supporting the department through its multiple efforts especially through the continued education of our trainees and faculty. A prolific researcher, Dr. Mauro has published over 150 journal articles and numerous book chapters. He has served as principal or co-investigator on numerous funded grants, including several grants focused on diagnostic atherosclerosis imaging and treatment of complex pathology of the descending thoracic aorta.

### PAUL MOLINA, MD CARDIOTHORACIC IMAGING



Dr. Molina was a professor and served as Executive Vice Chair of the Department for many years. His principal areas of interest and expertise were in thoracic radiology with special interests in

lung cancer, trauma and 3-D imaging. He authored or co-authored over 65 original scientific publications and 11 book chapters on topics ranging from thoracic neoplasms and trauma to variants of normal anatomy and pitfalls in body imaging. Dr. Molina was recognized for exceptional talent as an educator of medical students and radiology residents as the recipient of numerous Dean's Excellence in Teaching and Teacher-of-the-Year awards at the University of North Carolina School Of Medicine.

### JOSEPH KT LEE, MD ABDOMINAL IMAGING



Dr. Joseph K.T. Lee was a Mallinckrodt-trained GI/GU Radiologist. He became the third Chair of UNC Radiology. Dr. Lee reorganized the clinical enterprise into eight discrete divisions. Under his

direction, new equipment was acquired and space was renovated to accommodate expanding clinical programs. He oversaw the establishment of fellowship programs in Abdominal Imaging, Breast Imaging, Neuroradiology, Nuclear Medicine, and Vascular/Interventional Radiology, as well as the creation of a Division of Research. Our Abdominal Imaging section continues to benefit from Dr. Lee's vast clinical experience and expertise.

# 2022 RSNA Alumni Reception



*On Monday, November 28, 2022, UNC Radiology hosted its first RSNA Alumni Reception in Chicago! Alums from all over the country joined current faculty and trainees for a time of celebration and reconnection.*



At the inaugural event, UNC Radiology hosted nearly 40 alumni, faculty, and trainees at the Siena Tavern. It was a meaningful time seeing familiar faces, building new relationships, and celebrating UNC Radiology's strong presence at RSNA 2022.



The event also honored our past UNC Radiology Chair and the current President of UNC Faculty Physicians, Matthew A. Mauro, MD, for his service and leadership for RSNA. During the 2022 RSNA conference, Dr. Mauro concluded his time as Chair of the RSNA Board of Directors and began his new role as President of RSNA starting December 1, 2022, for the upcoming year.



The Department of Radiology would like to thank everyone who joined the UNC Radiology RSNA Alumni Reception. Our alumni are a cornerstone of UNC Radiology, as they represent our past, present, and future. In 2023, we will continue to fortify this network and hope for more to join our RSNA Alumni Reception next year!

Top: Drs. Marie Vogel, Jordan Fenner, Caleb Epps, Tyler Glass, Taylor Gunnell, and medical student Tyler Rogers. 2nd row left: Drs. Daniel Nissman, Gloria Salazar, Girish Gandikota, Jason Pietryga. 2nd row right: Drs. Melissa Davis, Lynn Fordham, Casey Sams, Joseph Stavas. 3rd row: Drs. Evelyn Ho, Joseph Lee, Maureen Kohi, Matthew Mauro. 4th row left: View of the Alumni event. 4th row right: Drs. David Mauro, Drew Grainger, Arun Krishnaraj, Alan Matsumoto, Kerry Thomas, Kristen Olinger





SCHOOL OF MEDICINE  
Radiology

Department of Radiology  
2000 Old Clinic Bldg  
CB #7510  
Chapel Hill, NC 27599

## Vision

To be the premier Department of Radiology in the Southeast through the delivery of compassionate clinical excellence, advancing healthcare through innovation, and training the future generation of radiologists.

 | @uncradiology

