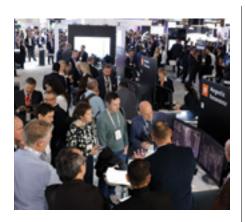


Daily Bulletin Online at RSNA. ORG/BULLETIN

INSIDE SUNDAY



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► Network and Get Social

Opportunities to connect and network with colleagues and industry professionals. 9

Sunday's American Association of Physics in Medicine Physics Quiz



How does dose typically change as kV decreases in CT?



Welcome to RSNA 2023

Transformation can be inspiring and challenging. Together, let us embark on a journey at RSNA 2023 to unfold perspectives and frameworks for navigating and leading through change.

This year's assembly offers myriad opportunities to learn something new, catch up with a colleague, discover a better technique and refresh your professional spirit. This week, fill your agenda with educational courses, late-breaking research presentations and experiences to help you and your colleagues deliver value in a competitive field.

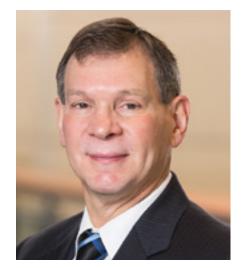
The plenary program kicks off on Sunday afternoon with my President's Address, "Leading Through Change," followed by Howard Chrisman, MD, who will further explore embracing change. Elizabeth Burnside, MD, will then examine the intersection of humans and technology in health care. Later in the week, Vin Gupta, MD, will share perspectives on the future of health care, and Jocelyn Chertoff, MD, will offer insights into developing a resilient workforce. Our AAPM colleagues will contribute ideas about how physicists and

radiologists collaborate on medical imaging innovations.

Challenge yourself at the incomparable Image Interpretation Session and test your limits during the team-based Radiology Jeopardy. Fast 5 session presenters—selected with your help—will give quick takes on their ideas for leading through change.

The Learning Center includes two theaters this year offering late-breaking research on sustainability in radiology, imaging of immunotherapy, theranostics and generative AI. Be sure to explore the science posters and education exhibits across every subspecialty while you're there. Take a break in the new Learning Center Café and enjoy the Art of Imaging exhibit showcasing our colleagues' talent.

Visit the Technical Exhibits Halls to find inspiring solutions for your practice needs. Don't miss the AI Showcase, filled with product demonstrations and daily



presentations. Stop by the new Career Resource Center in the expanded Recruiters Row. On Tuesday afternoon enjoy complimentary refreshments during the Technical Exhibits Happy Hour.

Finally, join your fellow attendees on Wednesday at RSNA After Dark, a late-night event that's just for fun!

It has been my pleasure to serve as your president this year, and I look forward to experiencing RSNA 2023 together.

Matthew A. Mauro, MD *RSNA President*

RSNA 2023 Features the Latest in Medical Imaging Al

A wealth of AI research, education and resources available to attendees

If you're looking to begin building a better understanding of the role of AI in radiology, or if you have already gained practical experience in its applications, you will find something interesting to explore among the many AI offerings at RSNA 2023.

- Visit South Hall to experience the AI Showcase. Meet with experts from over 90 companies delivering next-level AI software, product demonstrations and solutions. Connect with exhibitors and participate in hands-on learning, networking and special engagement areas in this centrally located annual meeting destination.
- Stop by the **RSNA AI Theater**, South Hall, Booth 4765, to hear about the hottest topics in AI, machine learning and deep learning. For the complete RSNA AI Theater event schedule, visit *Meeting.RSNA.org*.
- Visit the RSNAI Resource
 Center, South Hall, Booth 4665 to get
 informed and get involved in RSNA
 AI opportunities. Learn more about the
 proven RSNA Imaging AI Certificate
 Program, find resources to advance AI
 education and get information about
 RSNA's leadership in AI research and
 building ground-truth data. Representa tives will also be available to provide

updates on the Medical Imaging and Data Resource Center (MIDRC) and will share information about other RSNA-led imaging AI efforts including our journal, Radiology: Artificial Intelligence. On Monday, Nov. 27, at 4 p.m. CT, RSNA will hold a special presentation to recognize the winners of the RSNA Abdominal Trauma Detection AI Challenge and the Screening Mammography Breast Cancer Detection AI Challenge.

• Stop by the RSNA Imaging
AI in Practice Demonstration, South
Hall, Booth 4358, for 30-minute, multivendor interoperability demonstrations
showcasing the practice of the future
with new technologies and communication standards needed to integrate AI
into the diagnostic radiology workflow.

• In the RSNA AI Deep Learning Lab, located in the Learning Center, experience unique sessions covering a range of AI topics and skill levels including several beginner-friendly options. Engage with deep learning tools, write basic algorithms, learn how to organize data



for implementation and improve your general knowledge of AI technology. (Registration required; \$100 fee)

Take advantage of AI-related presentations at the two Learning Center theaters. This year the theaters will feature presentations of timely research and translational science covering four current topics: generative AI, sustainability in imaging, imaging of immunotherapy and theranostics. Watch 7-minute presentations of these papers live daily. Access schedules for both Learning Center theaters on Meeting. RSNA.org or via the meeting app.

Sunday At a Glance

President's Address

Matthew A. Mauro, MD 4 - 5:30 p.m. | Arie Crown Theater



Leading Through Change We are not only experiencing change in the medical sciences and technologic innovations that are occurring with increasing frequency, but also in the many aspects of the delivery of care—payment models. patient expectations,

delivery systems, competition—as well as an unstable labor market.

Opening Plenary Session Howard B. Chrisman, MD

4– 5:30 p.m. | Arie Crown Theater



Chrisman

History Never Repeats Itself, But It Does Often Rhyme Dr. Chrisman will discuss the need for radiologists to remain agile and innovative, and will emphasize the importance of thoughtfully embracing change, no matter how uncomfortable it may seem.

Awards and honors will be presented formally during a private event outside of the plenary sessions.

View the full program and add sessions to your calendar at *Meeting.RSNA.org*.



9 - 10 a.m.

Science and Education Sessions

9:30 a.m. - 3 p.m.

Learning Center Theater Presentations Learning Center Theaters

10 a.m. - 5 p.m.

Technical Exhibits Industry Presentations

10 a.m. - 5 p.m.

Professional Portrait Studio

South Hall, Booth 1029

10:30 - 11:30 a.m.

Science and Education Sessions

10:30 a.m. - 3:45 p.m.

RSNA AI Theater Presentations Innovation Theater Presentations South Hall, Booth 5149

11 - 11:30 a.m.

Radio Graphics Podcast Discovery Theater

11:45 a.m. – 12: 45 p.m.

Poster Discussions Learning Center

12 - 3:30 p.m.

NIH Grantsmanship Workshop South Building, Room S102AB

1– 2 p.m.

Science and Education Sessions

Meet the RSNA Journal Editor: Christine Cooky Menias, MD **Radio Graphics**

South Hall, Booth 1006

2-2:30 p.m.

RSNA Connect: Coffee, Cocoa and Conversations - Navigating RSNA Connections Center

2:30 - 3:30 p.m.

Science and Education Sessions

Daily Bulletin

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OFFICE OF THE MAYOR CITY OF CHICAGO

BRANDON JOHNSON

November 26, 2023



Dear Friends:

On behalf of the City of Chicago, I welcome all those gathered for the Radiological Society of North America's 109th Scientific Assembly and Annual Meeting.

Since its founding, the Radiological Society of North America (RSNA) has worked to advance the knowledge and technology of radiology. RSNA provides its members with the education and resources for continuing professional education, including five peer-reviewed journals, online and in person courses and workshops, and funding opportunities through the Research & Education Foundation.

This year's theme, Leading Through Change, focuses on how radiology professionals can be intentional and proactive while leading teams and organizations through change. With a full schedule of plenary sessions, educational courses, science presentations, and technical exhibits, attendees will gain the tools and resources needed to move the radiology industry forward. I commend the Radiological Society of North America for their dedication to education and innovation in radiology.

I hope that during your stay in Chicago you take the time to see all the City has to offer. Explore our downtown and lakefront areas, tour the vibrant neighborhoods across our city, sample our diverse cuisine, visit our distinguished universities, and our world-class museums.

I hope you have an enjoyable event. Best wishes for continued success.





Office of the Governor 207 STATE HOUSE

November 26, 2023

JB PRITZKER GOVERNOR

Radiological Society of North America (RSNA) 820 Jorie Boulevard Suite 200 Oak Brook, IL 60523-2247

Greetings,

As Governor of the State of Illinois, I am pleased to welcome everyone gathered for the 109th Scientific Assembly and Annual Meeting hosted by the Radiological Society of North America (RSNA). This occasion offers an exciting opportunity for everyone in attendance to join fellow members of your association and generate ideas that implement solutions. I commend the work you have done to help make Illinois a stronger and more enjoyable state.

Illinois is proud to have enjoyed your service to our state. As you reflect on your accomplishments. I urge you to make plans for the future of your association that will build on your past successes. I am grateful for all the ways your organization has supported a strong future for Illinois.

On behalf of the people of Illinois, I offer my best wishes for an enjoyable and memorable occasion



GREETINGS Welcome to RSNA 2023 from the RSNA Board of Directors



Matthew A. Mauro, MD President



Curtis P. Langlotz, MD, PhD
Chair



Umar Mahmood, MD, PhD Secretary-Treasurer Liaison for International Affairs



Sanjeev Bhalla, MD Liaison for Education



Adam E. Flanders, MD
Liaison for Information Technology



Richard E. Heller III, MD *Liaison for Public Information and Corporate Relations*



Jeffrey S. Klein, MD *Liaison for Publications*



Carolyn C. Meltzer, MD Liaison for Science

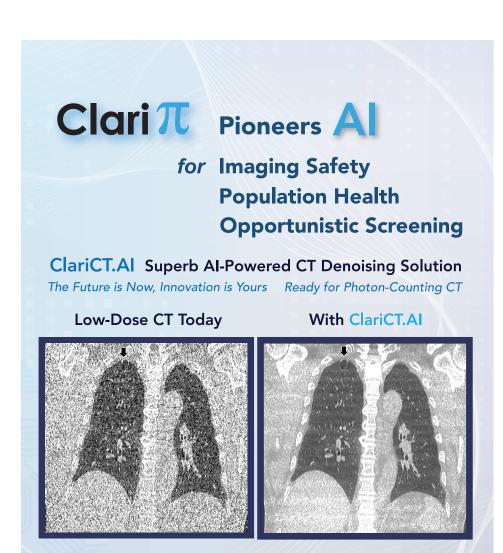
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Pari V. Pandharipande, MD, MPH Liaison for Government Relations



Jinel A. Scott, MD *Liaison for Quality and Diversity, Equity and Inclusion*

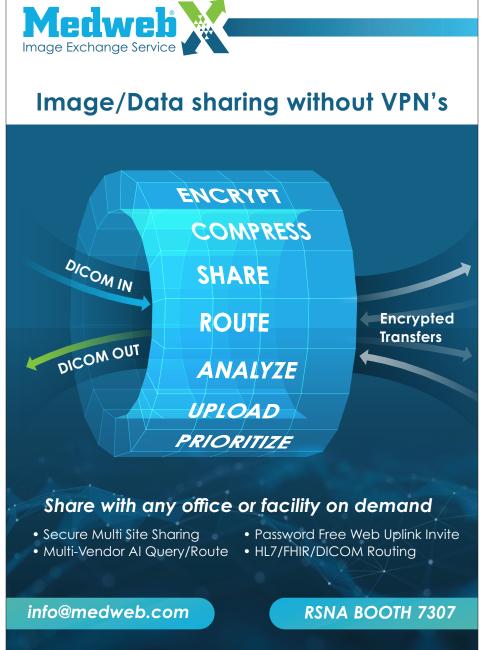


Al Theater: Tues., Nov. 28th, 1:30pm

Booth: #4147, South Hall, Al Showcase

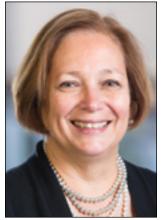
"Could DL-Based CT Denoising Further Improve Image Quality of

PCD-CT?: An Experience at Tübingen University Hospital"



RSNA Recognizes Gold Medalists

RSNA will award three members its highest honor, the Gold Medal, during RSNA 2023











Roberts

Valerie P. Jackson, MD

A highly regarded educator and leader, Valerie P. Jackson, MD, has devoted decades to inspiring excellence in radiologic education. Dr. Jackson is the Eugene C. Klatte Professor Emeritus of Radiology at Indiana University School of Medicine. From 2014 until her retirement in 2020, she served as executive director of the American Board of Radiology (ABR).

An Indiana University alum, Dr. Jackson received her medical degree from the school in 1978 and completed her residency there in 1982, where she was a faculty member until 2014. During that time, she directed the residency program for a decade and served as department chair from 2003 to 2014.

At the ABR, Dr. Jackson played an integral role in the development and improvement of the ABR's core programs. She oversaw the redesign and launch of a new website, the rollout of Online Longitudinal Assessment, and a revamping of volunteer committee organization and processes.

Throughout her career, Dr. Jackson has dedicated her expertise to research, teaching and national service, primarily in the breast imaging and radiology education arenas. She has authored more than 110 peer-reviewed publications, numerous book chapters and imaging textbooks including *Diagnosis of Diseases of the Breast*. Dr. Jackson also has served as a reviewer for journals such as the *American Journal of Roentgenology, Journal of the American College of Radiology, Investigative Radiology, Medical Physics, Academic Medicine* and *Radiology*.

Dr. Jackson was RSNA president in 2019, selecting the theme "See Possibilities—Together" for the annual meeting. During her President's Address, she spoke of opportunities for radiologists to make meaningful connections with their patients, families and the health care team.

During her tenure on the RSNA Board of Directors, RSNA led the specialty in advancing AI technology, sponsoring an array of initiatives—including the AI Showcase and RSNA Deep Learning Lab—to help radiologists understand how data-driven tools can be used to improve patient care. She has been an RSNA member since 1982, the year she completed her residency, and has served the Society in capacities including chair of the Refresher Course Committee, chair of the Breast Imaging Subcommittee of the Scientific Program Committee and a member of the Public Information Advisors Network. She served on the RSNA Research and Education Foundation Board of Trustees from 2009 to 2015.

Dr. Jackson was a member of the ACR Board of Chancellors from 1996 to 2003, chairing the Commission on Education. She also is a past president of the Indiana Radiological Society (IRS), the ACR, the Society

of Chairs of Academic Radiology Departments and the Society of Breast Imaging.

Widely recognized for her meaningful career contributions, Dr. Jackson has been awarded gold medals from the IRS, SBI and ACR. She is an RSNA Honored Educator and a fellow of the ACR. The Valerie P. Jackson Education Fellowship recognizes her work with the ACR. The Association of Program Directors in Radiology honored her with its achievement award in 2015, and she is an honorary member of the American Association of Physicists in Medicine.

Joseph K.T. Lee, MD

Hailed throughout the world as a pioneer in the fields of MR imaging and computed body tomography, Joseph K. T. Lee, MD, has steered historic advances in the evolution of quantitative abdominal imaging.

Dr. Lee is professor emeritus and past chair of the Department of Radiology at the University of North Carolina (UNC) at Chapel Hill. He practiced both at UNC and at the National University Hospital of Singapore until March 2022.

Born in Shanghai, Dr. Lee earned his medical degree from Washington University in St. Louis in 1973. He completed his residency in diagnostic radiology at the Mallinckrodt Institute of Radiology, and he was promoted to full professorship at the Institute in 1986. While at Mallinckrodt, Dr. Lee directed the Magnetic Resonance Imaging Section and co-directed the Computed Body Tomography Section. In 1984, he became the first radiologist to demonstrate the potential of proton spectroscopic imaging—the Dixon method—for quantifying hepatic fat fraction, diagnosing geographic fatty infiltration and distinguishing focal infiltration from hepatic metastases. As principal investigator, Dr. Lee led a series of landmark studies during this period, exploring the efficacy of numerous new contrast agents.

He lent his expertise to the editorial staffs of multiple peer-reviewed journals, including *Topics in Magnetic Resonance Imaging* and the *Journal of Clinical Ultrasound*. He served as associate editor of magnetic resonance imaging for *Radiology* from 1986 to 1988, and as a consultant to the editor from 1988 to 1992.

Dr. Lee has published a series of awardwinning abstracts, earning accolades from organizations including the American Roentgen Ray Society, the Society of Computed Body Tomography and RSNA.

A global leader in radiology, Dr. Lee has been recognized for his outstanding contributions to research and clinical care by multiple international organizations, including being honored with gold medals from the Asian Oceanian Society of Radiology, American Roentgen Ray Society and Society of Computed Body Tomography and Magnetic Resonance Imaging. He holds honorary membership from the Korean Society of Radiology, the Japanese Radiological Society and the Chinese Society of Radiology.

The author and editor of more than 170 scientific papers, 34 book chapters and seven books, Dr. Lee authored the ground-breaking 1982 textbook *Computed Body Tomography*, which delivered cutting-edge applications of body CT to practicing radiologists around the globe. The fourth edition, *Computed Body Tomography with MRI Correlation*, was published in 2006.

Dr. Lee is a beloved teacher. He is a twotime recipient of the UNC resident teaching award, and he received the highest scores for teaching from residents for several consecutive years at the National University Hospital of Singapore.

The first Asian American to serve as president of the American Roentgen Ray Society in its 123-year history, Dr. Lee also served the American Board of Radiology's Board of Chancellors. At RSNA he served on the *Radiology* editorial board, as chair of the genitourinary subcommittee of the Scientific Program Committee, and as first vice president from 2006 to 2007.

Anne C. Roberts, MD

Renowned in clinical communities across the world, Anne C. Roberts, MD, is a dynamic lecturer, a prolific investigator and an authority in interventional radiology.

With more than 35 years of tenure at the University of California, San Diego (UCSD) School of Medicine, Dr. Roberts retired in 2022 and is a USCD distinguished professor of radiology, emeritus. She joined UCSD as an assistant clinical professor of radiology and rose to full professor in 1998.

Early in her career, Dr. Roberts took a sabbatical year to work with the U.S. Food and Drug Administration's (FDA) Cardiovascular, Respiratory and Neurological Devices Office of Device Evaluation in the Center for Devices and Radiologic Health. During her time at the FDA, she gained insights into the processes for device approval—noting that delays often resulted from disconnects among developers and physicians—and she became a member of the FDA's Circulatory System Devices Panel. She has served as a special representative on FDA panels including the Neurological Devices Panel and Gynecology Devices

Panel of the Medical Devices Advisory Committee Meeting.

An early investigator of embolization techniques for uterine fibroids, Dr. Roberts rigorously explored the evidence base for the procedure through funded research within the Uterine Artery Embolization Fibroid Registry Outcomes Database of the Society of Interventional Radiology. In her decades of hands-on clinical research experience, Dr. Roberts has focused on treatment of uterine fibroids with MR-guided focused ultrasound surgery and uterine artery embolization, pelvic congestion syndrome, fallopian tube recanalization and treatment of patients with invasive placenta of the uterus. She has interest in IVC filters, thrombolysis, and treatment of dialysis graft dysfunction.

An insightful leader, Dr. Roberts has served as president of the Society of Interventional Radiology (SIR) and of the Western Angiographic and Interventional Society. She served as chair of the RSNA interventional subcommittee of the Scientific Program and Refresher Course committees.

As a member of the American College of Radiology (ACR) Board of Chancellors she was appointed secretary and treasurer and then vice-president. In addition, she was a trustee of the American Board of Radiology and was named its first associate executive director for interventional radiology. Dr. Roberts has lent her clinical expertise to furthering radiology education, serving on the Radiology Residency Review Committee of the Accreditation Council for Graduate Medical Education (ACGME).

She has authored more than 200 articles, book chapters and abstracts, has served in numerous visiting professorships and delivered more than 700 lectures at scientific meetings across the globe.

Before deciding to pursue a career in medicine, Dr. Roberts studied history, earning a master's degree from the University of California, Los Angeles. She received her medical degree from UCSD, and then interned in obstetrics and gynecology at Cedars-Sinai Medical Center in Los Angeles. She completed a residency and fellowship in vascular and interventional radiology at Massachusetts General Hospital.

For her lifetime of accomplishments, Dr. Roberts has been awarded gold medals from the ACR and SIR. She is a distinguished fellow of the Cardiovascular and Interventional Radiological Society of Europe. She is an elected fellow of SIR, the ACR and the American Heart Association.

Physics Tip



Supplements with high iron content can cause susceptibility artifacts during MR imaging of the abdomen.



RSNA2023

Our Booth →

South Hall #1334

At the Shimadzu booth, you will see our product folio on display.

In addition, you can discover our newest approaches

like "Advanced Healthcare" at our booth. We all look forward
to welcoming you at our booth in Chicago.

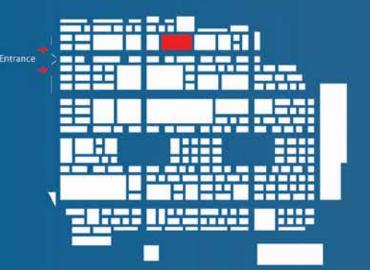
Lunch and Learn seminar

Date & Time | Nov. 28(Tue) 12:00PM-1:00PM

Place | South Hall, Level 5, Room S501

Title Advanced techniques and technologies for

Interventional procedures in Medical imaging



RSVP is

required



NOV. 26-30 \ McCORMICK PLACE, CHICAGO \ #RSNA23

The RSNA Learning Center: Posters, Exhibits and So Much More

Explore more than 3,000 education exhibits, scientific digital posters and quality improvement reports

Make your way to Lakeside Center East, Level 3, to find the newly reimagined Learning Center. One of the tenets of the RSNA mission is to promote excellence in patient care and health care delivery through education. The redesigned Learning Center adds renewed emphasis on what many meeting goers believe is the biggest benefit of the annual meeting. In addition to more than 3,000 education exhibits, scientific digital posters and quality improvement reports, the Learning Center is now also home to two theaters, a new café, a themed photo opportunity and a member-created art exhibit.

Learning Center Schedule

The Learning Center is open daily. All scientific posters, education exhibits and quality improvement reports are available for self-study.

......9 a.m.-6 p.m. Sunday Monday-Wednesday.....7:30 a.m.-6 p.m. Thursday7:30 a.m.-4:30 p.m.

All scientific posters and education exhibits are available digitally and are accessible any time to Virtual Access registrants at Meeting.RSNA.org.

Additionally, scientific poster and quality improvement presenters will be onsite to present their digital presentations during the following times:

Sunday11:45 a.m.-12:45 p.m. Monday-Thursday 9-9:30 a.m. and 12:15-1:15 p.m.

NEW! Second Learning Center Theater Added

Following the successful launch of the first Learning Center Theater in 2022, we are pleased to announce a second theater has been added. Join us all week in the

Learning Center to experience presentations of timely research and translational science covering four current topics: generative AI, sustainability in imaging, imaging of immunotherapy and theranostics. Watch 7-minute presentations of these papers live Sunday from 9:30 a.m. to 3 p.m. and the rest of the week from 9 a.m. to 3 p.m. Access schedules for both Learning Center theaters on Meeting.RSNA.org or via the meeting app.

NEW! Learning Center Café

Have a cup of coffee and unwind in this central hub of the Learning Center with ample seating offering beverages and light snacks for purchase.

The Art of Imaging

Back by popular demand, The Art of Imaging is a radiology themed art display at the Learning Center Café. Whether you favor cubism, neoclassicism or pop art, you'll enjoy this opportunity to admire your colleagues' creativity and artistic vision. See

the works that were selected from this year's contest categories including medical images altered to become works of art, mixed media artwork and AI-generated pieces.

NEW! LEARN Letters

Snap up this chance to share your enthusiasm for radiology education with our new LEARN letters. Take a selfie or a group photo and remember to post your photos to social media using #RSNA23.

Learning Communities

Scientific posters, education exhibits and quality improvement reports are grouped and displayed in learning communities to help you identify subspecialty focus areas. The Meeting Guide, available onsite, includes a helpful color-coded map of the Learning Center subspecialty locations.

Case of the Day

Take time to show what you know with Case of the Day, a favorite annual meeting activity presented electronically in the Learning Center and accessible to Virtual Access registrants via the meeting app or Meeting.RSNA.org. Sunday through Wednesday, a new daily case in each of 19 categories will be displayed. Take the challenge and submit a diagnosis for each case at nearby internet stations, on the electronic presentation system or on Meeting Central. Earn 0.50 AMA PRA Category 1 Credit™ for each correct diagnosis.







Record of Attendance & Credit Claiming at RSNA 2023

Registrants will be able to access the self-service credit claim site

The Radiological Society of North America tions, and print and save credit certificate (RSNA®) is accredited by the Accreditation or record of attendance at any time. Virtual (ACCME) to provide continuing medical education for physicians.

RSNA designates this Other activity (blended live and enduring material) for AMA PRA Category 1 Credits[™]. Physicians should claim only the credit commensurate with the extent of their participation in the

The RSNA 2023 credit claim site is designed for self-service. All registrants, except for ARRT, will be able to review credit and adjust credit for education sessions attended, complete session evalua-

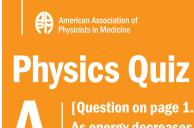
access beyond the week of the live meeting, until April 30, 2024, noon CT, to view sessions and earn additional on-demand

After April 30, 2024, no additional revisions to transcripts will be allowed; however, attendees will maintain access to the credit claiming site through April 30, 2025, in order to print their CME certificate or Record of Attendance.

RSNA 2023 will offer A+/A ARRT credit. In order to record and obtain A+/A continuing education (CE) credits, all

ARRT-registered radiologic technologists and radiologist assistants must follow ARRT guidelines, including being present for 50 minutes of every scheduled hour of a live CE activity, checking in and out with your badge from each educational session and evaluating your RSNA 2023 courses online at *Meeting.RSNA.org*. There will be no ARRT credit for attending virtual or ondemand sessions.

RSNA 2023 does not offer Self-Assessment Modules (SAMs). Members are encouraged to visit RSNA's Online Learning Center for opportunities to complete SA-CME credit throughout the year.



[Question on page 1.] dose typically decreases, and iodine HU typically increases. This allows us to lower dose in angiography and still track even small amounts of contrast agent.

Come See the New RSNA Connections Center

A fresh look and some new features will enhance your annual meeting experience

Visit the RSNA Connections Center, the popular hub located in Lakeside Center East, Level 3, to experience a full schedule of entertainment and educational presentations. The updated floor plan includes expanded lounge seating, dedicated networking and meeting areas. You'll also find helpful RSNA staff—wearing blue vests or jackets—standing by to answer your questions about the meeting and RSNA. It's the perfect setting to relax, recharge and connect.

Meeting Information & Member Services

Whether you need information about RSNA 2023 or are looking for help with your membership, the staff at our redesigned Meeting Information & Member Services desk has the answers to your questions. Learn about:

- Annual meeting and Virtual Access
- Career Connect
- Image Wisely®
- Informatics products
- International programs
- Journal subscriptions

- · Membership renewals and payments
- Online Education
- Radiology Cares®: The Art of Patient-Centered Practice
- RadiologyInfo.org®

Ribbon Pickup

We recently expanded our badge ribbon choices. Pick up yours, including those for select committee, council or group work, on our self-service Ribbon Wall located in the Meeting Information & Member Services area.

NEW! RSNA Connect: Coffee, Cocoa And Conversation

Connect with your community and meet in person for informal conversations about current topics in radiology. Throughout the week in Lakeside Center East in the lounge space overlooking Lake Michigan, you can join gatherings centered on:

- RSNA 2023 Meet new colleagues and learn tips and tricks for navigating the annual meeting and Chicago.
- ChatGPT & Generative AI Let's discuss

this fast-growing technology and compare thoughts on the benefits and challenges it presents.

- DEI Join members of the RSNA Committee on Diversity, Equity and Inclusion and connect with other meeting attendees interested in promoting diversity, advocacy and allyship in radiology.
- Quality & Safety Sponsored by the RSNA Quality Improvement Committee, this discussion will focus on customizing your platforms to meet quality and safety standards and leveraging EHR for quality and safety.
- Sustainability Share ideas—large and small—about how we can improve radiology's environmental impact. Find dates and times for all RSNA Connect meetups at *Meeting.RSNA.org*.

R&E Booth and Donor Suite

Join us at the R&E Booth and Donor Suite to learn more about R&E Foundation activities, including current grant and award recipients, available grants, and individual, private practice and corporate donors. Donors who contribute at least \$300 onsite or during the giving year may visit the Suite for access to computers, a coat room, cozy seating and light refreshments.

Discovery Theater Entertainment and Activities

Throughout the week, the Discovery Theater is home to informative programming and entertainment. Relax and unwind with a lineup of diverse events and performances including local musicians. Visit



Meeting Central (*Meeting.RSNA.org*) or the meeting app to view the complete theater schedule by filtering on Meeting Extras.

'We Are Radiology' String Art Installation

Join us in designing a one-of-a-kind, interactive string art creation representing the unity and diversity of our annual meeting attendees. Stop by the We Are Radiology String Art Installation in the Meeting Information & Member Services area and guide your thread through the pins as you answer a few simple questions. Check back frequently throughout the meeting to see the design change and grow as more strings are added, revealing how our unique perspectives and backgrounds make up the radiology community.

RSNA Shop

You'll find the latest RSNA-branded merchandise at the RSNA Shop. Don't miss the chance to take home a souvenir or buy team gifts including a reusable water bottle, the coveted MRI mug or an adorable plush panda or tiger. Shop early—supplies are limited.



Meeting Experience at RSNA 2023

Find everything you need to know to navigate the annual meeting

Badge Pickup and Onsite Registration

Attendees are encouraged to complete their registration in advance online at *RSNA.org/Register* or at designated registration areas in McCormick Place.

Badges will not be mailed in advance and should be picked up at badge pickup locations. A valid photo ID is required.

Your badge serves as a virtual business card and is encoded with demographic information you provided during registration. Upon request, exhibitors who have lead retrieval may scan your badge to access your contact information.

Badge Pickup/Registration Locations

South Building, Level 1, Room S100 Friday
Lakeside Center East Building, Level 2, Hall E Sunday – Wednesday7 a.m5 p.m. Thursday7 a.m3 p.m.
South Building, Level 1, Transportation Lobby Sunday—Monday

Badge Pickup - Hotel Kiosks

Available at select hotels:

- *Hilton Chicago*, 720 S. Michigan Avenue
- Hyatt Regency Chicago, 151 E. Wacker Drive
- InterContinental Hotel Chicago, 505 N. Michigan Avenue
- Westin Michigan Avenue, 909 N. Michigan Avenue

Hours of Operation

Saturday noon–8 p.m. Sunday 6 a.m.–8 p.m.

Official Meeting Bag and Meeting Guide

Pick up your official meeting bag, made from recycled polyethylene terephthalate (rPET), and Meeting Guide at one of the self-serve distribution areas located in the Lakeside Center East, Level 2, and South Building, Level 1, near S100 Registration.

The RSNA 2023 Meeting Guide is a convenient reference to course and event information, McCormick Place floor plans, shuttle schedules and dining information. Use the Meeting Guide in tandem with Meeting Central (*Meeting.RSNA.org*) or on-the-go with the meeting app to find

session and presentation details and build your schedule. *The RSNA 2023 meeting app is sponsored by Hologic*.

Free Wi-Fi

Free wireless connectivity is available throughout McCormick Place. Please note: the wireless networks are not secure and should not be used for sending sensitive information.

Zen Zone

To get the most out of the annual meeting, take time between sessions to relax and unwind. Enjoy the quiet reflection, aromatherapy, meditative music and self-guided yoga in the Zen Zone, located in N230A. Zen Zone is sponsored by NIPRO.

RSNA Right Now

Throughout the week of the meeting, all RSNA 2023 registered attendees receive this daily e-mail featuring information about



upcoming programming, events and promotional offers from our corporate partners.

lelp Onsite

Need assistance? Stop by one of the Meeting Information & Member Services Desks in the Grand Concourse, Level 3 or in the Connections Center, Level 3 Lakeside Center East.

Get ahead with your plans for RSNA 2024—visit the Meeting Information & Member Services Desk in the Grand Concourse to reserve your hotel rooms for next year.

Discover Innovative Products and Technology in the Technical Exhibits

Learn about the breakthroughs that are empowering radiology

Engage with industry experts and explore a wide array of medical imaging industry presentations, product demonstrations, workshops and symposiums at the RSNA 2023 Technical Exhibits.

With nearly 700 leading manufacturers, suppliers and medical information and technology developers on hand, you will be immersed in medical imaging innovation.

Al Showcase

Discover the latest AI solutions and connect with industry experts in the AI Showcase located in the South Hall, starting at Booth 3947. The AI Showcase features over 90 companies and provides exciting opportunities for attendees to see the latest AI software and product demonstrations and solutions. Enjoy hands-on learning and special engagement areas in this prime annual meeting destination. The AI Showcase is sponsored by AIRS Medical, Bayer CalanticTM Digital Solutions and Google Cloud.

RSNA AI Theater

Dive into the hottest topics in AI, machine learning and deep learning in the RSNA AI Theater, located in the AI Showcase, South Hall, Booth 4765. Get the training and networking opportunities you need to better understand the role of AI in medical imaging. For the complete RSNA AI Theater event schedule, visit *Meeting.RSNA.org*. On Monday, Nov. 27, at 4 p.m. CT, RSNA will hold a special presentation to recognize the winners of the RSNA Abdominal Trauma Detection AI Challenge and the Screening Mammography Breast Cancer Detection AI Challenge.

RSNAI Resource Center

Visit the RSNAI Resource Center, located in the AI Showcase, South Hall, Booth 4665, where you can learn about the AI-related resources and educational opportunities RSNA provides, including the RSNA Imaging AI Certificate Program and data collection efforts through the Medical Imaging and Data Resource Center (MIDRC).

Imaging AI In Practice Demonstration

Visit the Imaging AI in Practice booth, in the AI Showcase, South Hall, Booth 4358, to see demonstrations of new tools and practice enhancements enabled by AI in real-world clinical scenarios. These 30-minute, multi-vendor interoperability demonstrations showcase new technologies and communication standards needed to integrate AI into the diagnostic radiology workflow.

3D Printing & Mixed Reality Showcase

Located in North Hall, starting at Booth 8000, the 3D Printing & Mixed Reality Showcase is the place to network with customers and partners engaged in 3D medical printing research and development. This showcase offers attendees the opportunity to see and interact with the latest products for 3D printing and augmented and virtual reality.

The RSNA 3D Special Interest Group (SIG) offers an opportunity for attendees to share their experience, innovations and challenges in creating 3D printed anatomi-

cal models and guides. The 3D Printing SIG Showcase will include a special display of 3D models and case studies submitted by institutions that practice 3D printing.

First-Time Exhibitor Pavilion

This year, RSNA is welcoming over 120 new companies to the exhibit floor and many can be found in the First-Time Exhibitor Pavilion, starting at Booth 3347. Connect with these annual meeting newcomers and see their products and services in a showcase area inside the South Hall. Throughout the Exhibit Halls, these exhibitors will be identified with a First-Time Exhibitor logo.

Recruiters Row

Visit the expanded RSNA Career Resource Center, located in Recruiters Row, starting at Booth 1011. This hub for recruiters and job seekers is the perfect place to connect and explore available career opportunities. Schedule time to meet with prospective employers and network, mingle or relax in the new lounge area. While you're there, stop in the RSNA Professional Portrait Studio, Booth 1029, to update your professional headshot.

Plan ahead and update your CV on RSNA's Career Connect job search portal. You can alert recruiters by indicating yourself as attending RSNA 2023. Get yourself career ready at *RSNA.org/Careers*.

In addition, look for a schedule of Fireside Chats in the Career Resource Center, Booth 1042, featuring discussions on important aspects of career management and professional development in the field of radiology.

Educators Row

Meet with representatives from educational institutions and leading medical associations from around the world in Educators Row, located in the South Hall, starting at Booth 1000. Visit RSNA journals staff at Booth 1006 where you can ask questions about any of RSNA's peer-reviewed journals.

Vendor Workshops

Get first-hand experience on an exhibiting company's proprietary systems by attending user training and product instruction in classroom spaces located within the Technical Exhibits. Vendor Workshops are scheduled between 10 a.m. and 5 p.m., Sunday through Wednesday. Vendor workshops are not offered for CME credit through RSNA and are available only inperson. Find a complete listing of available workshops at *Meeting.RSNA.org*.

Exhibit Hall Happy Hour

Join RSNA 2023 exhibitors on Tuesday, Nov. 28, for Exhibit Hall Happy Hour. During this free event, participating exhibitors will be serving appetizers, alcoholic beverages and other refreshments from 2 to 5 p.m. at their respective booths. Don't miss the fun including live music and giant Jenga and Connect Four games. Visit the online exhibitor directory for a list of participating companies.

NEW! Pop-Up Massage Relaxation Station

Massage therapists for your shoulders and

feet will be available on Monday, Nov. 27. Get a 10-minute treatment during the meeting with electronic foot massage stations, shoulder and back massage, aromatherapy, complimentary device charging and relaxing music. These pop-up stations will be available in the North Hall, near Bistro RSNA from 12 p.m. to 5 p.m., so be sure to visit and find your moment of Zen.

NEW! Hydration Stations

Located down the main aisle of each hall, look for Hydration Stations where you can fill up your reusable water bottle to stay hydrated during the meeting. Don't have a reusable water bottle? Visit the RSNA Shop in the Connections Center or at the Grand Concourse Info Desk to buy an RSNA-branded one to carry with you throughout the meeting.

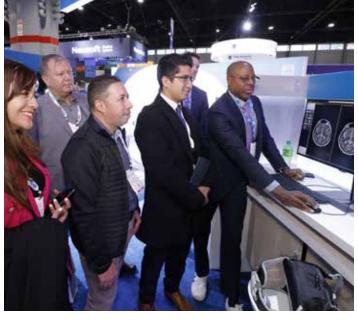
Corporate Programming

Industry presentations at RSNA 2023 allow attendees to explore cutting-edge products, services and solutions to enhance patient care, streamline operations and learn how to navigate today's health care landscape. The complete listing of industry presentations can be found at *Meeting.RSNA.org*.

Corporate Symposiums: Participate in focused one-hour education sessions presented by RSNA exhibitors and sponsors throughout the week.

Innovation Theater: These 15-minute live presentations feature the latest imaging innovations from exhibiting companies and will take place Sunday through Wednesday from 10:30 a.m. to 3:45 p.m.

Lunch & Learns: Participate in panel discussions, demonstrations and lectures with company leadership and medical professionals while you enjoy a midday meal. These will be held Sunday through Wednesday.



Bistro RSNA

Enjoy a delicious midday meal in a comfortable setting when you dine at Bistro RSNA. This savory buffet experience features a different menu concept each day and provides ample seating for dining and networking with colleagues. Open Sunday through Wednesday from 11 a.m. to 2:30 p.m., Bistro RSNA has locations in each Technical Exhibit hall. Onsite tickets may be purchased for \$29 per meal.

Virtual Exhibits

Visit even more exhibitors online in the Virtual Exhibits. Both in-person and Virtual Access attendees can view industry programming and the Virtual Exhibits through April 30, 2024, noon CT. Learn more about available virtual industry programming at *Meeting.RSNA.org*.

In-Person and Virtual Industry Presentations

Access livestreamed presentations from many of the in-person Corporate Symposiums and Lunch & Learns with audio and video recordings available on demand after the presentation. Every presentation in the AI Theater will have available virtual slideshows and audio recordings within 24 hours after each presentation.

Virtual-Only Industry Programming

Select exhibitors will offer virtual-only presentations and booths where you can engage with company representatives through the virtual access platform.



INDUSTRY FOCUS

Better Together With Microsoft + Nuance

How we are advancing imaging AI for health care, radiology and radiologists

By Mary Henderson







Forghani

Lungren

/alluri

AI has the potential to transform health care systems and medical imaging workflows, and those changes are on the horizon.

To accelerate the development of solutions that will seamlessly integrate AI into clinical practice, the Department of Radiology at the University of Florida (UF) College of Medicine initiated a collaboration with Microsoft + Nuance in the spring of 2023. Reza Forghani, MD, PhD, professor of radiology and AI and vice chair of AI at UF, leads a lab that is working with Nuance to optimize radiology workflows and deploy AI tools within the UF health system.

"I anticipate transformative changes in the next five years, including cloud-based systems equipped with advanced tools such as enhanced voice recognition and platforms capable of summarizing charts and generating reports," Dr. Forghani said. "These innovations will enable radiologists to spend less time transcribing and more time looking at images."

Last year, Microsoft and Nuance joined forces, combining their strengths at a pivotal moment in the evolution of AI in medical imaging. Together, Microsoft and Nuance are uniquely positioned to help health care systems develop AI-powered solutions to address their existing pain points and prepare for the ongoing evolution of AI in health care.

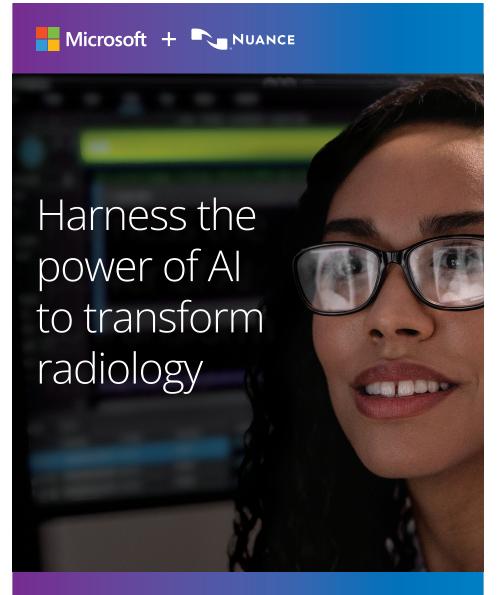
"A trillion-dollar company like Microsoft hasn't historically considered radiology every day, all day," said Matt Lungren, MD, MPH, chief medical information officer for Nuance. "Now there's a massive part of the organization all the way up to the leadership thinking about radiology."

Together, the two companies can offer the scale and security of Microsoft's Azure cloud-computing platform along with Nuance's workflow, reporting, and imagesharing infrastructure. Nuance's patient-centered diagnostic imaging platform, Precision Imaging Network (PIN), seamlessly delivers AI-generated patient information into clinical and administrative workflows.

"Microsoft is this massive horizontal platform with a core mission of empowering every person and organization to achieve more," said Naveen Valluri, general manager, Health AI at Microsoft. "Azure provides a layer of global, hyper-scaled infrastructure that delivers various services to build solutions. Nuance is focused on clinical outcomes and has deep vertical expertise in reaching and serving the end-user."

Nuance, a market leader in conversational AI and ambient intelligence, is wellknown among radiologists.

"About 80% of radiologists use Nuance voice recognition and workflow tools," Dr. Forghani said. "However, there's less familiarity with the long-term roadmap and where things are going."



Find out how.
Visit us at **Booth # 1311**

To future-proof their practices, Dr. Lungren said health care providers must select a partner with a comprehensive understanding of their actual practical challenges and a commitment to long-term innovation.

"At Microsoft + Nuance, individuals with incredible depth and expertise in platforms and engineering sit side-by-side with product and program managers from Nuance who understand health care," Dr. Lungren said. "While early research on use cases for generative AI in radiology reporting has been promising, we can help providers scale in a way that reduces the risk and provides the most value."

Trust is also an important factor for AI integration, according to Valluri.

"We follow certain principles on a dayto-day basis, from how we deal with customer data to how we build AI models with transparency," Valluri said. "We offer the safeguards that enable health care providers to deploy AI most confidently."

Visit Microsoft + Nuance at Booth 1311 during RSNA 2023 to see product demonstrations and get more information about imaging AI solutions.

Network and Get Social During RSNA 2023

RSNA offers a variety of ways to connect with colleagues and industry professionals

Looking to track down colleagues at the meeting or build your network with new contacts? Use the meeting app Peer Connect feature to identify fellow attendees you'd like to meet with throughout the week. Join an RSNA Connect meetup in a topic of interest to you. See page 7 for information on the RSNA Connect: Coffee, Cocoa And Conversation events.

Once you've connected, RSNA 2023

offers countless opportunities to get social with your peers including two special events.

On Tuesday, Nov. 28, from 2 to 5 p.m., raise a glass to RSNA 2023 during a free happy hour event in the Technical Exhibits halls. Participating exhibitors will serve appetizers and beverages.

Then, don't miss RSNA After Dark, on Wednesday, Nov. 29. This late-night party

will take place from 9 p.m. to midnight at TAO Chicago, one of the Second City's most exclusive clubs. TAO Chicago is located in an historic Chicago building in the vibrant River North neighborhood. RSNA After Dark is a ticketed event. Advance purchase is required and can be completed at RSNA.org/Registration.

A generous 300 attendees registered to participate in the RSNA's community

service activity. RSNA's Health Equity Committee and volunteers will assemble cold weather and hygiene kits to be donated to Care for Friends and Sarah's Circle, two Chicago organizations that serve the unhoused. If you are registered for this event, check your email for location and event details. (Event is full.)

Explore Beyond the Walls of McCormick Place

Chicago offers memorable activities for every RSNA attendee

Whether you're traveling to Chicago for the first time, or if you call Chicago your home year-round, you'll find that the Windy City is an exceptional location. It is a diverse and vibrant place with a wide range of neighborhoods, each offering its own unique character, culture and atmosphere.

Explore beyond the walls of McCormick Place and immerse yourself in the sights, sounds and tastes of a lively city that blends urban bustle with Midwestern charm. Find even more to do in Chicago in the About Chicago section under Attendee Resources in Meeting Central.

Gourmet Eats and Sweet Treats

Indulge your taste buds with friends and colleagues in any of the gourmet restaurants and neighborhood eateries that make up Chicago's diverse culinary



Enjoy dim sum, Peking duck and hot pot in Chinatown. Indulge in gyros, souvlaki and baklava in Greektown. Find Swedish restaurants and bakeries in Andersonville, and taste tacos, tamales and authentic Mexican street food in Pilsen. Don't forget to try Chicago favorites like deep dish pizza, premium steaks at any of the city's famed steakhouses, and artisanal goodies and seasonal treats available at specialty food markets.

Outdoor Chills and Thrills

Discover the rich history and architectural wonders of Chicago with one of many available tour options. Hop aboard a guided bus tour that will take you through the city's iconic neighborhoods, showcasing its diverse culture and impressive landmarks. Or, explore Chicago on foot with knowledgeable guides who will share fascinating tales and insights about its history and architecture. If you are attending the meeting with children, you won't want to miss the enchanting Lincoln Park ZooLights. If you're looking for something more energetic, glide into the heart of Chicago's famous Millennium Park for a memorable ice-skating experience. The McCormick Tribune Ice Rink and the nearby Maggie Daley Ice Skating Ribbon offer the thrill of skating amidst the stunning backdrop of the city's skyscrapers. This year, the famous Cloud Gate sculpture, fondly known as "The Bean," will be closed for renovations. Look instead for other Instagram-able locations like the Chicago Riverwalk to

capture the city's skyline reflecting on the icy river, Buckingham Fountain dressed up with holiday lights that can create a magical backdrop for winter shots, and the Lake Michigan shoreline where you can capture stunning views of the lake with possible snow-covered beaches and the city skyline in the background.

Indoor Culture and Competition

Chicagoans are serious about their arts and their sports, and there are several opportunities in each category for annual meeting attendees to enjoy. Art enthusiasts can visit the renowned Art Institute of Chicago—home to an impressive collection of over 300,000 artworks. The Museum of Contemporary Art, located just north of the Loop, features rotating exhibitions of contemporary paintings, sculptures and multimedia installations. If you're looking for live stage performances, there's something for everyone in Chicago's theater scene. You'll find heartwarming holiday-themed shows and thought-provoking dramas taking center stage at the city's renowned theaters including the Cadillac Theater, the James M. Nederlander Theater, Steppenwolf Theatre Company and the Goodman Theatre. For those who prefer the electric atmosphere of professional sporting events, both the Chicago Bulls and the Chicago Blackhawks are hosting rivals at home during meeting week. Check team sites online for dates, game times and tickets.



Holiday Shopping Extravaganza

No Chicago story is complete without a mention of the world-class shopping available along the Magnificent Mile. Take care of holiday shopping and souvenir purchases in the top-notch stores, boutiques and designer shops, all decked out in festive decorations. For a more unique shopping experience, visit the Christkindlmarket, a German-inspired Christmas market in Daley Plaza. Here, you can browse through handcrafted ornaments, wooden toys and festive decorations while enjoying a steaming cup of mulled wine. Look to Chicago's unique neighborhoods for other one-of-a-kind shopping experiences. There is never a shortage of entertainment in the beautiful Windy City. Embrace Chicago's charm and warmth as you create lasting memories during your stay.

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THROUGH CHANGE

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Meeting.RSNA.org/App

SUSTAINABILITY at RSNA 2023 and BEYOND

RSNA

For the last two decades, RSNA has been updating its processes and making changes to its annual meeting to reduce its carbon footprint.

McCormick Place

- 150,000-square-foot green roof reducing heating requirements
- 8,000 pounds of seasonal vegetables, fruits and herbs harvested from rooftop garden
- LED lighting and water filling stations throughout
- Green-e Wind Energy certified renewable energy certificates to offset 100% of the facilities energy use

Reducing travel

- Vendors are local, where possible.
- 100 motorcoaches provide travel from the meeting to hotels, reducing emissions.
- Nearly 100% of all eligible programming is available via Virtual Access.



Recycling

- 2023 meeting bag is recycled polyethylene terephthalate (rPET).
- Carpet padding for Technical Exhibits is reused each year.
- Recycling bins are available throughout McCormick Place.



Reducing print

- Printed meeting materials are on recycled paper and display the Forest Stewardship Council (FSC) logo.
- Meeting app replaces printed program book.



RSNA 2022 Environmental Savings

569,870

325,640

tons of carpet recycled

Sources: RSNA and Metropolitan Pier and Exposition Authority

RSNA

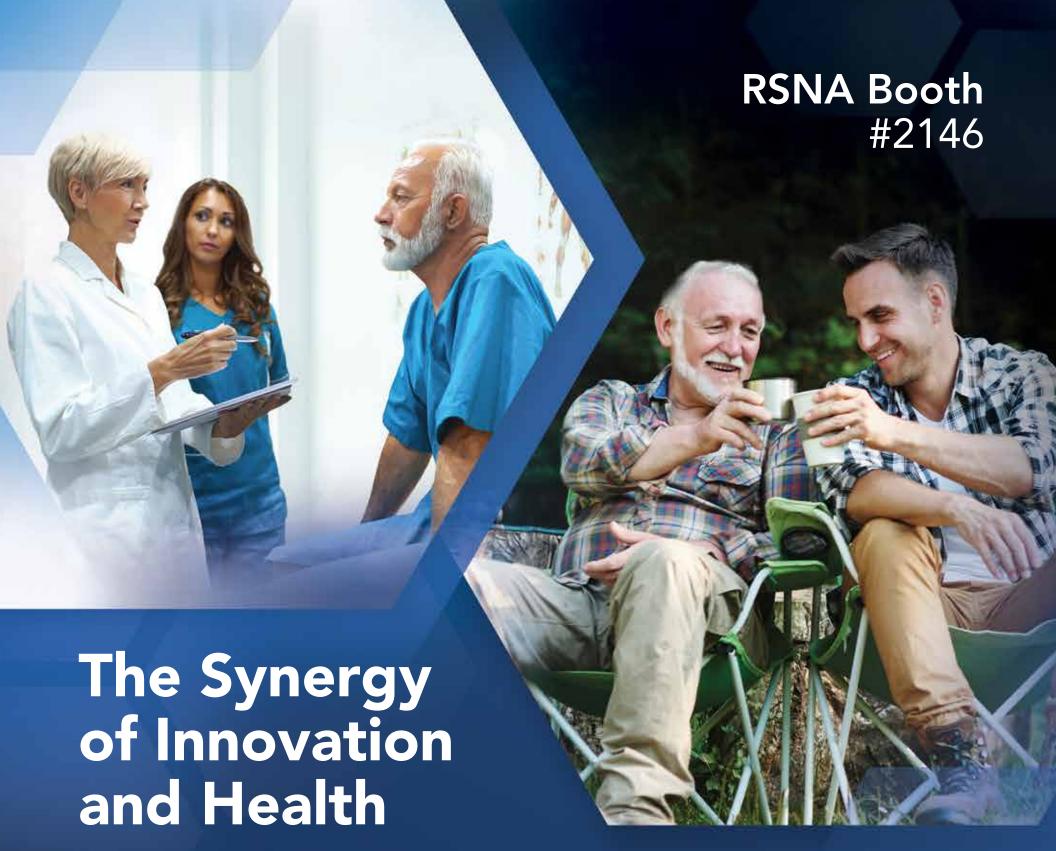
Your Life's Work is Our Sole Mission

Together, We Are Radiology.

Each day, RSNA pursues ways to better support your work and bring you the resources and services needed to offer the best possible patient care. Become an RSNA member and be championed by a worldwide membership sharing your passion and goals.



Learn more about membership options. RSNA.org/Membership



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Imaging Solutions for



Digital Radiography



[§] Ultrasound



Healthcare IT



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