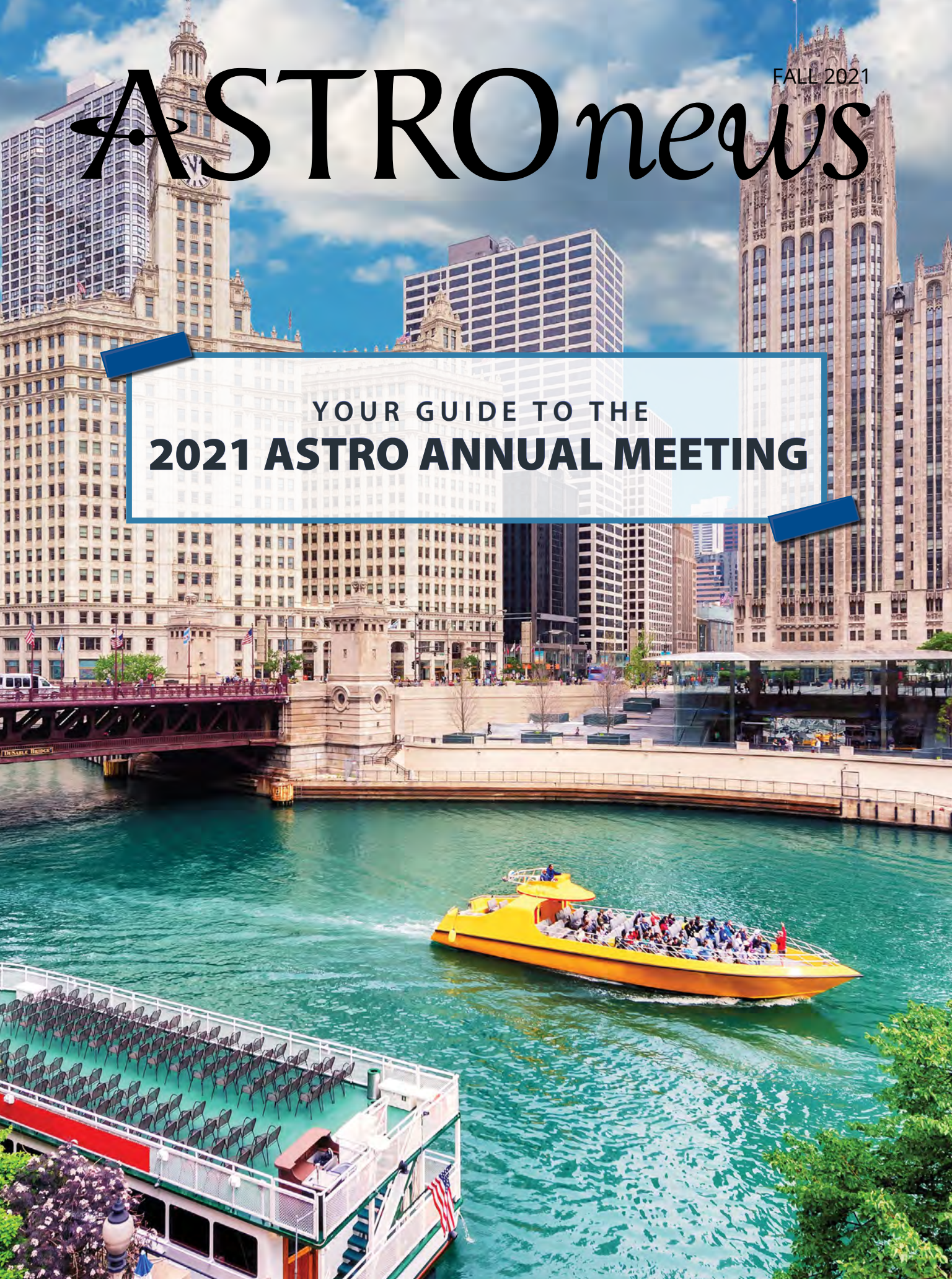


FALL 2021

ASTRO news

YOUR GUIDE TO THE
2021 ASTRO ANNUAL MEETING



TeamBest NEWS UPDATES!

Visit this link to read more: http://www.teambest.com/news_press.html



Best Global Foundation Announces Launching 100 Annual Scholarships ranging from 500 to 1000 USD for Medical Residents starting from 2022

PRESS RELEASE (Summary) • August 10, 2021

Scholarships are intended for Residents in 3rd and 4th Year Programs, in Clinical/Radiation/Surgical Oncology, Nuclear Medicine and Diagnostic/Therapeutic Radiology, to attend a suitable educational conference in the USA annually. This will be funded by TeamBest Global Companies (TBG) through Best Global Foundation, a newly formed division of Best Cure Foundation (BCF). In so doing, Best Global Foundation hopes to promote its multi-disciplinary approach of medical care to improve clinical outcomes for patients.

To read the full press release, please visit: http://www.teambest.com/news_press.html

Open Letter to Oncology Professionals from Best Medical International & TeamBest Global Companies

PRESS RELEASE (Summary) • August 4, 2021

Best Medical International & TeamBest Global Companies have reduced their footprint at ASTRO 2021 in Chicago. BMI and TBG will only have fully-vaccinated staff from USA/Canada attending and has decided not to bring any staff from overseas (outside of Canada and USA), due to concerns about their vaccination status, efficacy of their vaccines, and health conditions, added to the challenges of extraordinarily high cost of medical care in USA for uninsured overseas visitors.

To read the full press release, please visit: http://www.teambest.com/news_press.html

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* Product shown is under development and not available for sale currently.

TeamBest Global Companies © 2021



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TO ASTRO'S 63RD ANNUAL MEETING!

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QUESTIONS?



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ASTRO news

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SENIOR EDITOR:

Najeeb Mohideen,
MD, FASTRO

PUBLISHER:

Laura I. Thevenot

EDITORIAL DIRECTOR:

Anna Arnone

MANAGING EDITOR:

Diane Kean

DESIGN/PRODUCTION:

Jaimie Hernandez

ADVERTISING:

Kathy Peters
703-839-7342
corporaterelations@
astro.org

CONTRIBUTING

EDITORS:

Doriann Geller
Laura Hinely
Stacy Riethmiller
Colin Whitney

EDITORIAL BOARD:

H. Joseph Barthold,
MD, FASTRO

Sushil Beriwal, MD, MBA,
FASTRO

Amato J. Giaccia, PhD

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FASTRO



Editor's Notes

BY NAJEEB MOHIDEEN, MD, FASTRO, SENIOR EDITOR, *ASTROnews*

WELCOME BACK TO CHICAGO!

IT'S A PLEASURE TO WELCOME YOU ALL BACK

to Chicago for the ASTRO Annual Meeting — the world's premier radiation oncology conference. You may recall that Chicago had the privilege of hosting this meeting two years ago; somehow, that seems like a lifetime ago. Then, we talked about exploring the sights and sampling the delights of the city. Now, we are in containment mode (see Health and Safety Protocols and Measures: page 39). The societal and political response to a major outbreak like COVID-19 is highly dynamic, often changing rapidly with increasing case numbers. How do you plan an Annual Meeting with an audience of thousands amid such shifts? It's an almost impossible and unenviable task, but after going through the content of this issue, I have to say that ASTRO President Laura Dawson, MD, FASTRO, and the ASTRO Annual Meeting Steering and Scientific committees have pulled off the impossible.


With the many unknowns of a pandemic, this year's registration offerings let you attend "your way." You can take part in person at the live meeting in Chicago or virtually through the Digital XP program or attend just the PRO weekend program. You can even register risk-free through September 30.

Focusing on the theme Embracing Change: Advancing Person-Centered Care, for this meeting they have reimaged the curriculum to include Master Classes, special sessions, joint sessions and shorter and more interactive sessions enabling multidisciplinary professional collaboration. Specifically, this year sees expanded initiatives and educational opportunities on diversity, health equity and inclusion. Among the many exciting sessions, I am keenly awaiting the Presidential Symposium on Advancing Person-Centered Care Through Innovation, especially the debate on randomized clinical trials versus real world data. The meeting has two outstanding keynote sessions on strategies to mitigate physician burnout and a discussion on the future of equitable yet human-centered artificial intelligence in health care.

"Registration offerings let you attend 'your way.' You can take part in person at the live meeting in Chicago or virtually through the Digital XP program or attend just the PRO weekend program. You can even register risk-free through September 30."

As always, the Awards Ceremony (see pages 46-52 for a list of the winners) recognizes the best in our field. Congratulations to all the awardees, especially to the 2021 ASTRO Gold Medal recipients — Colleen Lawton, MD, FASTRO, professor and vice chair of the Department of Radiation Oncology at the Medical College of Wisconsin, and Lori Pierce, MD, FASTRO, professor and vice provost for Academic and Faculty Affairs at the University of Michigan. They have dedicated their careers to improving care for patients and advancing our field through their innovative leadership, work and research. Also, warm congratulations to Douglas B. Evans, MD — world-renowned pancreatic cancer surgeon, chair of the Department of Surgery at the Medical College of Wisconsin, and ASTRO's 2021 Honorary Member. Apart from all the usual favorites, this year in particular you wouldn't want to miss the socioeconomic sessions covering up to the minute information about payment cuts and the RO Model looming come January 2022.

More than a year of creative planning has made this Annual Meeting a reality. This already Herculean task was intensified by the challenges, uncertainty and unpredictability of dealing with the pandemic. A big thank you to the Annual Meeting Steering Committee and ASTRO staff for your untiring efforts to bring us this scientific feast. For those attending, virtually or in person, it will be a splendid opportunity to learn, network, relax and possibly have some fun too.

Have a great meeting! 



Chair's Update

BY THOMAS EICHLER, MD, FASTRO, CHAIR, BOARD OF DIRECTORS

WELL...I HAVE SOME GOOD NEWS, AND I HAVE SOME BAD NEWS.

THE GOOD NEWS IS THAT WE ARE HEADED TO CHICAGO for the 63rd ASTRO Annual Meeting! The bad news is that we are in year two of the SARS-CoV-2 pandemic with the so-called delta variant sweeping the globe and once again taxing health care systems to their max. It could be worse: the Justinian plague in the 6th century dragged on for eight years.

Nevertheless, in the wake of a large-scale vaccination campaign for the past 10 months, the ASTRO Board and Annual Meeting staff felt cautiously optimistic moving forward for an in-person meeting in October. Not having a live meeting was never really an option, i.e., a small meeting was preferable to no meeting at all. To those of you who are making the effort to join us in Chicago, welcome and thank you for your loyalty and perseverance! ASTRO President Dr. Laura Dawson, the ASTRO Annual Meeting Steering Committee and staff and our superb faculty have assembled a creative and wide-ranging array of topics for presentation and discussion, tempered by a hefty dose of scientific research and breakthroughs. And to those of you who are grounded by institutional travel bans, please know that you will be truly missed. I hope you'll take advantage of the online content and participate to the fullest extent possible.

Insofar as this is my final Chair's Update to all of you, I want to briefly revisit the three main themes of my tenure: DEI, the workforce and global oncology.

Progress on advancing ASTRO's DEI objectives has been a bit slower than expected but now appears poised to move forward. Goals and objectives have been identified and prioritized, the bylaws have been updated to reflect the anticipated changes in the structure of the Board of Directors and a formal vote by the membership to approve the addition of the Council on Diversity, Equity and Inclusion is set for November. I strongly encourage all of you to support this long overdue initiative. I specifically want to thank Dr. Karen Winkfield and Dr. Curt Deville for their leadership, engagement and patience over the past year to help breathe life into the ASTRO Strategic Plan's Core Values of Diversity and Inclusion.

An equally important source for concern has been the future of the radiation oncology workforce, an issue that has been magnified over the past couple of years by declining NRMP numbers. Not unexpectedly, there has been no shortage of suggestions from our colleagues at ARRO, SCAROP and ADROP, among others. Many of their recommendations have already been acted upon with other

proposals in the pipeline. Per their unanimous request, an ad hoc taskforce has been formed composed of members from the aforementioned organizations, plus members of the ASTRO Workforce Subcommittee and CHEDI. The taskforce will consider the parameters for a study of the current workforce and what information should be targeted that would be most helpful to ASTRO going forward to regain our competitive edge among the best and the brightest medical students while strategizing for the future. I anticipate that finalizing the budget, vendor selection and the survey tool will be completed before the end of the year.

The final theme is one near and dear to my heart: global health. After spending the past three years listening to and learning from my guiding light, Dr. Norm Coleman, I came to better understand the breadth and depth of the challenges of global health disparities in cancer care. Last year's virtual Annual Meeting was devoted to this topic, one of the first oncology meetings anywhere to do so. The ASTRO International Education Subcommittee has morphed into a stand-alone structure, the International Committee, with deepening relationships with the IAEA and our sister radiation oncology societies around the world. In addition to Norm, I am grateful for the stalwart efforts of Dr. May Wahab, Dr. Surbhi Grover, Dr. Jatinder Palta, Dr. David Jaffray and Dr. Mary Gospodarowicz, all of whom have played pivotal roles in advancing the global oncology agenda and deepening ASTRO's commitment. I am proud to report that the Society will be an active participant in the new Lancet Oncology Commission on Radiotherapy and Theranostics, an update of the landmark 2015 Commission report, with an anticipated completion date of early 2024.

So...is that all there is? Hardly. The ongoing challenge of the pandemic continues to color nearly every Board decision, from budget to programming and especially, advocacy. Even with survey data that clearly demonstrates the profound negative impact of the pandemic on radiation oncology practices across the country, the specialty still faces an uphill battle to modify the flawed RO Model (scheduled to go live in January 2022), as well as the hefty reimbursement cuts in the MPFS and HOPPS Proposed Rules. As you read this, our comment letters have been submitted to CMS, but that's just the opening salvo in our advocacy efforts. ASTRO has been actively engaging our

Continued on page 7

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SOCIETY NEWS

ASTRO elects new leadership

Three new officers have been elected to serve on ASTRO's Board of Directors. The new officers' terms will begin on October 26, 2021, immediately following the Annual Business Meeting. Visit www.astro.org/elections for more information. The new members of the Board of Directors are:



PRESIDENT-ELECT

Jeff M. Michalski, MD, MBA, FASTRO
*Siteman Cancer Center, Washington University,
St. Louis, Missouri*



HEALTH POLICY COUNCIL VICE-CHAIR

Catheryn Yashar, MD, FASTRO
*University of California San Diego,
La Jolla, California*



SCIENCE COUNCIL VICE-CHAIR

John Buatti, MD, FASTRO
University of Iowa, Iowa City, Iowa

The new Nominating Committee members are:

ACADEMIC PHYSICIAN

**Helen Shih, MD, MS, MPH,
FASTRO**

Massachusetts General Hospital, Boston

COMMUNITY PRACTICE PHYSICIAN

Join Y. Luh, MD

St. Joseph Hospital, Eureka, California

PHYSICIST


Kristy Brock, PhD

MD Anderson Cancer Center, Houston

Continued from **CHAIR'S UPDATE**

Hill champions and key staff on both sides of the aisle, searching for legislative leverage, while unabashedly making our concerns known to the administration that both the RO Model in its current iteration and the draconian cuts in the PRs will significantly handicap the ability of radiation oncologists to help President Biden "end cancer as we know it." My plea to you is to join in ASTRO's advocacy efforts! If eligible, support the PAC. Contact your congressional delegation, let them know you are deeply concerned re: patient access to care and the widening of health outcome disparities that will be exacerbated by these rules. Your voice matters!

And so, my friends, my term as your Chair is coming to its close. There is so much more that I would like to say

to you, but suffice to say that it has been the honor of my life to serve you and the Society. Thank you for trusting me to lead the specialty. Special thanks to the ASTRO Board of Directors for making my job easier and to our superb ASTRO staff, led by our CEO, Laura Thevenot, for helping to smooth the way over a challenging year plus. You all have my deepest appreciation! If you see me out and about at the Annual Meeting, please stop me to say "hello" or to offer me your thoughts. I am always at your disposal. And since his eloquence surpasses my own, I will close with the words of the late Senator John McCain: "I have long believed that the true worth of a person is measured by how faithfully we serve a cause greater than our self-interest that encompasses us but is not defined by our existence alone." 




My virtual trip to Washington: Advocacy Day 2021

BY GERALDINE M. JACOBSON, MD, MBA, MPH, FASTRO, ASTRO PRESIDENT-ELECT

WITH ONE SUCCESSFUL VIRTUAL ADVOCACY DAY under its belt, ASTRO's Advocacy team put on another virtual event in late July to align with the release of the new RO Model final rule. With the pressure on to highlight the problems with the Model as well as key issues like prior authorization reform, cancer research funding and finding solutions to reduce disparities in cancer care, 117 ASTRO members and staff attended 159 virtual meetings with U.S. senators, representatives and congressional staff to bring attention to these priorities in the radiation oncology community. While I missed the in-person experience of rushing around Capitol Hill in all kinds of weather and the adrenaline rush of locating my next meeting room just in time, the virtual meeting was excellent.

In the Hill meetings, ASTRO members detailed the obstacles we face in providing high-quality, equitable care and the ways in which Congress can help provide

solutions. From explaining the unnecessary burden of payment cuts included in the RO Model and Medicare Physician Fee Schedule to the dangers of prior authorization-triggered treatment delays, we made sure Congress is aware of the struggles facing our specialty and the patients we treat.

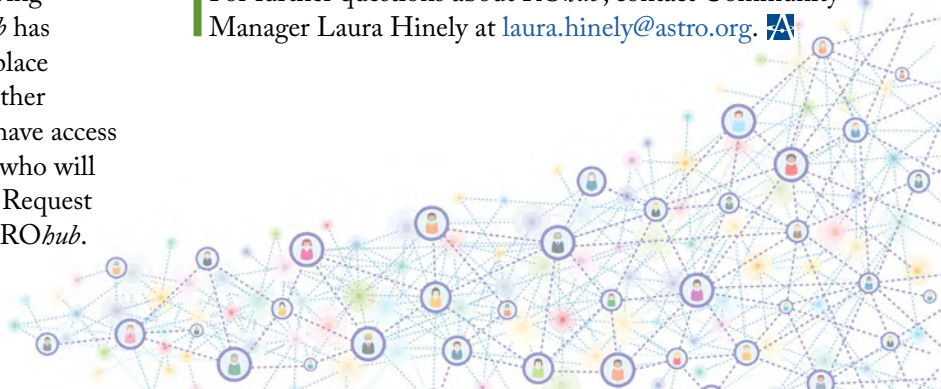
The response from congressional offices was overwhelmingly positive with members of Congress signing on to key legislation aimed at fixing prior authorization and committing to working with ASTRO and our members to protect patient access to care. Since attending my first ASTRO Advocacy Day in 2004, I have been convinced that talking about our issues directly with our representatives is critical to the practice of radiation oncology. We are a small and somewhat esoteric specialty, but we have a huge impact on the lives of cancer patients. It's up to us to advocate for our specialty with our lawmakers and policymakers. 

2021 Annual Meeting community

THE ANNUAL MEETING COMMUNITY is back again this year to bring you the latest news and updates leading up to the meeting via Daily Digests. Upon registration, full conference meeting attendees receive a welcome email from ASTRO President Laura Dawson, MD, FASTRO, detailing community benefits. The Annual Meeting community covers topics such as meeting highlights, presenters' personal takes on their respective sessions and more. From interacting with fellow attendees and presenters to receiving the latest news straight to your inbox, ROhub has something for all. The community is a great place to pose any questions about the meeting to other attendees and ASTRO staff. Attendees will have access to participating fellow community members who will be in attendance and can utilize the Contact Request feature to send private messages, all through ROhub.

Access the Annual Meeting community directly by the link in the welcome letter, Daily Digests or at rohub.astro.org under My Communities. Attendees need their meeting credentials/ASTRO login to access ROhub. Refer to the community library for a refresher on the ROhub platform or for instructions on topics such as how to navigate around the platform or how to change your digest subscription.

For further questions about ROhub, contact Community Manager Laura Hinely at laura.hinely@astro.org. 





Treasurer's Report

2020 faced unprecedented financial challenges brought on by the COVID-19 pandemic, and I am pleased to report that with strong leadership and rapid response, ASTRO was able to mitigate the financial impact. With the uncertainty around the expected financial impact, ASTRO was proactive and judicious in identifying expense reductions to abate and offset the revenue loss from meetings and programs that were delayed, curtailed or canceled. In April 2020, the Board of Directors made the decision to transition the in-person Annual Meeting to a completely unique virtual experience that ensured attendees from around the globe would be able to access timely scientific and educational sessions. ASTRO's efforts, along with the support from members, corporate sponsors and exhibitors, proved successful as the organization only incurred a 4.3% operating loss in 2020. ASTRO continues to maintain a diverse investment portfolio, and the prudent decisions from the Finance/Audit Committee to overweight equities and underweight fixed assets resulted in \$4,863,622 of investment income (net of fees) and a 14.06% long-term portfolio return.

ASTRO engaged a new auditor, CliftonLarsonAllen (CLA), to perform an independent audit of ASTRO's 2020 consolidated financial statements (ASTRO, ROI and ASTRO PAC). The auditors expressed an unmodified "clean opinion" — the highest opinion available. ASTRO's Finance/Audit Committee, which meets regularly to discuss investment and other financial matters, reviewed the report in detail with the auditors. The report was submitted and approved by ASTRO's Board of Directors in June 2021.

Profit and loss statement

ASTRO generated \$17.1 million from operating income. Meeting registration revenue (including Annual Meeting at \$6.1 million) represented 44% or \$7.4 million; membership dues represented 23% or \$3.9 million; and journal subscription revenue represented 20% or \$3.4 million of the total 2020 operating revenue. With operating expenses of \$17.8 million, ASTRO posted a \$733k loss from operating activities. However, ASTRO's well-diversified investment portfolio (allocations to U.S. and international equities, fixed income and alternatives) generated earnings of \$4.86 million, resulting in a net profit of \$4.1 million for the year.

Balance sheet

As of December 2020, ASTRO's net worth of \$35.5 million includes \$18.7 million or 53% of Board-designated funds and is composed of \$43.4 million in assets and \$7.9 million in liabilities. As of December 31, ASTRO's long-term portfolio was valued at \$38.6 million, representing 89% of ASTRO's assets. Deferred revenue represents the largest component of liabilities at \$2.1 million, as ASTRO members and exhibitors made prepayments toward 2021 membership dues and exhibit booths.

As we continue to adjust to new realities brought on by the pandemic, ASTRO continues to invest in programs and services that meet the needs of our members. And, after a very long "virtual year," ASTRO is pleased to be holding an in-person Annual Meeting in October 2021, which will highlight the importance of embracing change in the rapid advancements of radiation oncology to provide the best patient care. I hope to see you there.

Neha Vapiwala, MD, FASTRO

ASTRO Secretary/Treasurer

ANNUAL REPORT 2020

Welcome

TO ASTRO'S 63RD ANNUAL MEETING!

BY LAURA A. DAWSON, MD, FASTRO, ASTRO PRESIDENT



IT IS MY GREAT PLEASURE TO WELCOME YOU BACK TO CHICAGO — in person for many of you, I hope — for ASTRO's 63rd Annual Meeting! Planning for this meeting has been, well, unprecedented. As with meetings of the past, planning begins well over a year in advance. From the beginning, no one could predict what October 2021 would look like with a pandemic raging across the world. With careful, nimble planning, and with safety at the forefront, we are pleased to welcome you back to McCormick Place in Chicago! ASTRO staff and the Annual Meeting Steering Committee are working side-by-side with the convention center and the city of Chicago to seek to ensure safety protocols are in place for attendees and exhibitors, in addition to providing a top-notch, world-class meeting, as you expect from ASTRO.



In planning this meeting with so many unknowns due to the pandemic, a virtual meeting called Digital XP is available so that those of you who are unable to travel to Chicago have an opportunity to learn about the latest science and participate in the many educational offerings of the ASTRO 63rd Annual Meeting. Digital XP is a carefully curated program with nearly 50 hours of online content, including 30 hours of original content exclusive to Digital XP. In-person attendees with full conference registration will also have access to Digital XP.


The theme of the meeting is Embracing Change: Advancing Person-Centered Care. We will use this focus to ground us throughout much of the meeting. I chose “embracing change” because I’d like to see the field as a whole be more open to new ideas and different ways of thinking to help shape the future of radiation oncology. Let’s be more open minded when someone suggests an idea that conflicts with our own inherent biases. We need to prioritize strategies to improve diversity of our field, which will help to improve person-centered care. We need new ideas about how to more effectively demonstrate the benefits of radiation therapy innovations and applications.

The second half of the theme, “person-centered care,” places patients at the center of their care, facilitating shared decision making and personalizing treatment based on a holistic approach that incorporates individual preferences. This leads to more compassionate care and should increase trust between health care workers and patients and families.

Using these ideas, the Presidential Symposium, titled Advancing Person-Centered Care Through Innovation, will provide a host of world-renowned speakers and innovators. The first three sessions will discuss scientific innovations in the field, digital health and future applications of radiation therapy. The symposium will conclude with a lively debate on the merits of randomized clinical trials versus real world data. Each session will also feature a patient perspective. Full details and the schedule of the symposium are on page 16.

We are excited to bring back the popular Practical Radiation Oncology (PRO) Program. PRO is held Saturday and Sunday and designed specifically for the community practice radiation oncologist who may be unable to leave their practice for a week. Refer to page 12 for more details on all the available registration options.

The past 18 months have challenged each and every one of us in so many ways. It is my hope that as a Society, we can come together once again to learn and network with one another, to rekindle friendships and simply and safely enjoy spending time with each other. For everyone who attends the meeting, whether in person or virtually, I hope you enjoy it, and leave the meeting ready to take action — feeling rejuvenated, reenergized and ready to embrace change and implement more person-centered care techniques in your daily practice.

I look forward to seeing you in Chicago! 

"It is my hope that as a Society, we can come together once again to learn and network with one another, to rekindle friendships and simply and safely enjoy spending time with each other."

ATTEND YOUR WAY

ANNUAL MEETING REGISTRATION OPTIONS

This year, we are encouraging you to attend “Your Way.” Options include in-person, PRO, Digital XP and onDemand, each featuring a robust program to accommodate both in-person and remote attendees.

In-person

We are offering a full science and education program and a dynamic Exhibit Hall in Chicago. We’re working closely with the city and McCormick Place planners to seek to ensure that COVID-19 safety protocols are in place to give you a safe and memorable Annual Meeting experience. See Health and Safety Protocols and Measures, on page 39, and at www.astro.org/safety.

Practical Radiation Oncology (PRO) Program

Returning for its fourth year, the PRO Program continues to support the field with a two-day program, October 23-24, specifically designed for community practice radiation oncologists who are unable to leave their practice to attend the entire meeting. Program content is curated to keep in mind the ins and outs of a community practice and will include disease site reviews, interactive case-based discussions and a coding update. Registration includes two days of programming, admission to in-person sessions on Saturday and Sunday, one Live SA-CME course, a networking reception and access to the Exhibit Hall on Sunday.

Digital XP

For those unable to attend in person, we offer the Digital XP program. This option provides nearly 50 hours of carefully curated content to complement the Annual Meeting, including 30 hours of original content unique to Digital XP. Content will be available in Live interactive sessions, SimuLive (prerecorded sessions with Live Q&A) and onDemand (prerecorded, original content as well as recorded sessions from the live meeting). You’ll also have access to the following meeting highlights, including:

- Keynote Speaker Fei-Fei Li, PhD, on pioneering work in computer vision and AI.
- Additional scientific sessions, including Cancer Breakthroughs, Science Highlights and virtual Poster Q&A.

- Presidential Symposium onDemand.
- More Storytelling sessions.
- Extended ARRO programming.

Digital XP attendees can access the platform beginning October 8, 2021. Build your profile and network with others so you’re ready to fully participate in this meeting format. Content will be available October 23-28, 2021, and attendees will have access to the platform until November 30, 2021. In-person attendees also receive access to Digital XP with their full conference registration.

Access includes the ability to:


- Network: Complete your profile and connect with in-person and virtual attendees.
- Search for your colleagues and request and schedule video calls with individuals or small groups.
- Build your own schedule and link to your calendar.
- Attend ticketed events: Grant Writing Workshop, eContouring sessions and two SA-CME sessions.
- Play leaderboard games with a chance to earn prizes.

onDemand

The onDemand meeting experience offers you the opportunity to learn and preserve vital information presented by leading experts during the Annual Meeting.

The onDemand virtual meeting offers:

- More than 200 hours of educational content.
- Up to 200+ *AMA PRA Category 1*TM CME credits.
- Downloadable MP3s and PDFs of presentations.
- Notetaking and bookmarking for further review.
- Improved searchable content.

Content highlights include the full Scientific Program*, which includes the Plenary, Clinical Trials and Innovation, Late-breaking and Science Highlights sessions; Full Presidential Symposium, Keynotes and Special Sessions; content from the Digital XP program; the full Educational Program, including educational sessions and panels, many of which are case-based, such as the PRO Program and challenging cases sessions. 

**Presentations are included as approved by faculty.*

NEW THIS YEAR

WE'RE SO EXCITED about the many new opportunities at this year's ASTRO Annual Meeting. Regardless of how you are joining us, there is a wealth of new science, education, information and the joy of coming together — in person or virtually — to experience at the Annual Meeting. Here's some of what you can expect!

MASTER CLASSES

There are four Master Classes scheduled this year. Master Classes are deeper dives into the topics and presented by experts in their field. Please note the separate registration fee to attend the Master Classes. See the full line-up of speakers for each class and register at www.astro.org/TicketedEvents.

Radiopharmaceutical Therapy

Saturday, October 23, 1:00 p.m. – 5:00 p.m.

\$150 - Members/Nonmember;

Free - Residents/Students

In this course, participants will increase their understanding on how to develop a radiopharmaceutical program effectively and safely. Radiopharmaceuticals are an increasingly utilized therapeutic option for the treatment of malignancies. This session will focus on clinical indications, difficult cases, medical physics considerations, development of standard operating procedures for clinical implementation, billing and troubleshooting theranostic delivery. Specifically, Radium-223, Lutetium-177 dotatate and Lutetium-177 PSMA-617 will be discussed. The session will include didactic presentations from physician experts with Q&A sessions to discuss practice implementation in various clinical settings.

Goalsetting, Difficult Conversations and Leading “Up” Sunday, October 24, 1:30 p.m. – 4:30 p.m.

\$50 - Members/Nonmember/Residents/Students

Proactively setting goals to achieve the wanted type of clinical practice structure/research opportunities and then appropriately leading “up” to achieve them is the objective of this Master Class. The structure is designed to be as interactive as possible, with attendees first taking the time to reflect on their own career goals and then envision, with role play, how conversations could be guided strategically to achieve desired results. Tools to help navigate high stakes conversation and a panel discussion with national leaders in academic and private practice radiation oncology will lead the way.

Human First, Clinician Second

Monday, October 25, 1:30 p.m. – 4:30 p.m.

\$25 - Members/Nonmember/Residents/Students

The helpers and healers who treat those who need help are becoming more isolated and burned out and are at an increased risk of depersonalization, depression and suicide. What can we do? Come to this session and learn how we can use comedic improv as a tool for self-care and as part of clinical practice. By applying the basic fundamentals of improv, we can move from isolation to more connection. Learn to drop barriers and guards and be comfortable doing so. Learn to take care of yourself so that you're better equipped to take care of others.

Continued on the following page

Diversity, Equity and Inclusion

Tuesday, October 26, 1:30 p.m. – 5:30 p.m.

\$25 - Members/Nonmembers/Residents/Students

Featuring Daniel Velasco, EdD, from Latinos for Education, who will provide training on unconscious bias and de-centering white-dominant culture, this class will provide an interactive experience where participants will learn important skills they can use in their clinical practice. An additional presentation will help participants understand racism and discrimination in America and how they contribute toward social determinants of health. Breakout sessions will focus on addressing health disparities in your community and on building an equitable culture within your hospital or department.

DIVERSITY, EQUITY AND INCLUSION TRACK FOR EDUCATION AND SCIENCE SESSIONS

ASTRO is working to expand its initiatives and education on diversity, health equity, inclusion and belonging. This year, a new track dedicated to these important topics has been added to the Educational sessions and Scientific program.

Educational Sessions on DEI

Physician Driven Social Change: A Historical Perspective and Opportunities for Radiation Oncologists

Sunday, October 24, 2:00 p.m. – 3:15 p.m.

Moderated by Gita Suneja, MD, MS, this session will provide a philosophical perspective on the ethics of contributing toward the health of the community as much as the individual patient. A historical perspective will be provided on how doctors and the medical profession at-large have helped reduce health disparities. The panel will describe a number of realistic pathways by which radiation oncologists can help reduce cancer health disparities through research, working with organizations and movements on a national level and creating an equitable and inclusive culture. Learn what organizations are doing to promote physician workforce diversity, reduce health disparities and translate committee work into meaningful action.

Mitigating Bias in Recruitment: Attracting a Diverse, Dynamic Workforce to Sustain the Future of Radiation Oncology

Monday, October 25, 2:00 p.m. - 3:15 p.m.

Moderated by Sue B. Evans, MD, this session will discuss what practices need to decide before they recruit: the concepts of organizational culture, “great by choice” and

the practice’s core values and attributes. We will review the sources of bias from candidate submitted materials and from those doing recruiting. We will discuss the development of recruitment materials, the process of holistic review, how to structure the interview day and how to structure the interview itself in order to mitigate bias and compare candidates as equitably as possible. Attendees will leave with concrete knowledge that can be used to improve their recruitment practices.

Creating Equitable and Inclusive Spaces for Black, Indigenous and Latinx Trainees, Residents and Faculty: Opportunities and Pathways

Monday, October 25, 5:15 p.m. – 6:15 p.m.

Moderated by Raymond Mailhot Vega, MD, MPH, this session will examine the gap in the representation of Black, Latinx and Indigenous people in radiation oncology with recently published evidence even noting a statistically significant gap in U.S. vs. RO representation in faculty and residents. This session’s goal is to ultimately increase equitable representation of underrepresented minority (URM) physicians in radiation oncology by providing practical knowledge for trainees and decision-makers. Speakers will also discuss opportunities available for medical students to encourage URM applicants with mentored exposure to radiation oncology, research funding opportunities available to residents and young faculty and NCI and NIMHD opportunities for URMs.

Scientific Program on DEI

DEIH Posters

For more on diversity, equity and inclusion in health care (DEIH), visit the Poster Hall, which will feature nearly 40 posters on this topic. This year there will be a Poster Viewing Q&A Session for DEIH Posters on Tuesday, October 26, 8:30 a.m. – 9:30 a.m. Join poster presenters and ask questions related to their DEIH research.

In addition, research on DEIH will be featured during the following sessions:

- **Science Highlights 02:** Monday, October 25, 9:00 a.m. – 9:30 a.m.
- **SS 08: Diversity, Equity and Inclusion in Health Care:** Monday, October 25, 11:30 a.m. – 12:45 p.m.

And, the Master Class on Diversity, Equity and Inclusion, (see top left) will be presented on Tuesday, October 26, 1:30 p.m. – 5:30 p.m. The cost is \$25.



ZEN DEN Room W180, Level 1

We are excited to bring the Zen Den to Chicago! The Zen Den is your happy place, offering a variety of wellness resources. Get tips for stress management, learn about essential oils and tap into resources that focus on stretching, relaxation techniques and habits you can build upon for a healthier life, greater well-being and a more productive and person-centered (that would be you!) work-life balance.

CAREER CENTER

Employers and Job Seekers: Make the connection on the new ASTRO Career Center

The improved and redesigned ASTRO Career Center launched in early September to better connect top employers with radiation oncology professionals. The new Career Center uses your ASTRO credentials (username and password) to log you into the platform, so no need to remember yet another password. Job postings, resumes and other information have been transferred to the new Career Center, so you don't have to start all over. Explore the site to check out the new features, improvements and enhancements to the ASTRO Career Center.

Attending the ASTRO Annual Meeting and want to schedule interviews with potential employers or job candidates? Be sure to register for the Career Fair and use the scheduling feature on the MyASTROApp to request an interview or meeting.

The ASTRO Career Center customer support team is happy to help. If you have difficulties accessing your account or finding your information, contact clientserv@communitybrands.com or call 860-437-5700.



MESSAGE WALL






Central Concourse, Across
from Ask ASTRO Booth,
Level 3

As the world continues to make strides towards eradicating COVID-19, we are excited to safely meet in person and connect with our colleagues and friends once again. We invite you to share your positivity at the meeting by wearing a "Radiate Positivity" lapel pin. Stop by the Radiate Positivity Message Wall during the meeting to pick up your pin and share your messages of hope and inspiration throughout the meeting.

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JOB SEEKER

New features and enhancements include:

-  Members Only Benefit – Jobs Preview. New job postings will be available up to three days earlier for members who are logged in.
-  Access new and exclusive career resources, including resume review service, articles and job searching tips and tools.
-  Redesigned job search page allows you to view jobs with improved search filtering such as salary, location radius and more without ever having to leave the search results.
-  Connect with LinkedIn contacts on each job posting to learn more about an employer and request referrals.
-  Receive an alert every time a job becomes available that matches your personal profile, skills, interests and preferred location(s).

EMPLOYERS

New features and enhancements include:

-  Post your job where the field's most-qualified radiation oncology professionals go to advance their careers.
-  Take advantage of a limited time introductory discount for ASTRO member job postings.
-  Email your job directly to Job Seekers via our exclusive Job Flash™ email.
-  Use our new Resume Bank filters to hone your candidate search.
-  Manage jobs and applicant activity right on the Career Center.



Presidential Symposium Preview

THE MEETING OFFICIALLY KICKS OFF with Sunday morning's Presidential Symposium. ASTRO President Laura A. Dawson, MD, FASTRO, will set the stage to explore the theme Advancing Person-Centered Care Through Innovation. Sessions will showcase how innovation can improve patient outcomes and experiences. And new for this year, each session will feature patient speakers to share their perspectives.

Below is the schedule of events and speakers. Mark your calendars: This is a Presidential Symposium you won't want to miss!

8:00 a.m. – 8:15 a.m.

Introductions

ASTRO President Laura A. Dawson, MD, FASTRO, will welcome attendees and introduce the first speaker, Shekinah Elmore, MD, who will open the symposium discussing innovating with compassion.

▶ Introductions

Laura A. Dawson, MD, FASTRO, ASTRO President, Princess Margaret Hospital

▶ Innovating with Compassion

Shekinah Elmore, MD, University of North Carolina Chapel Hill

8:15 a.m. – 9:25 a.m.

Session I: Harnessing Scientific Innovation to Improve Person-Centered Care

Speakers will introduce and discuss various scientific innovations, including advances in artificial intelligence, imaging, real-time planning, image guidance, radiopharmaceuticals, FLASH and biomarkers. A patient advocate will help put these inspiring talks in context. This session will be moderated by Curtiland Deville, MD, and Kristy Brock, PhD.

▶ Harnessing Innovation to Drive Patient-Centered Care

Kristy Brock, PhD, MD Anderson Cancer Center

▶ AI Improving Person-Centered Care

Hugo Aerts, PhD, Brigham and Women's Hospital

▶ Innovations in Radiation Delivery: Real-Time Planning and Image Guidance

Carri Glide-Hurst, PhD, University of Wisconsin

▶ Transforming Radiotherapy with Ultra High Dose Rates (FLASH)

Magdalena Bazalova-Carter, PhD, University of Victoria

▶ Advanced Imaging for Bioadaptive Radiotherapy

Cynthia Ménard, MD, Centre Hospitalier de l'Université de Montréal (CHUM)

▶ **Patient-Centered Radiopharmaceutical Therapy**

Ana Kiess, MD, PhD, Johns Hopkins University

▶ **Personalizing Radiation Therapy Using Molecular Biomarkers**

Felix Feng, MD, University of California, San Francisco

▶ **Patient Perspective**

Barney Morris, Patient Speaker

9:25 a.m. – 10:30 a.m.

Session II: Digital Health to Improve Patient Outcomes and Experience

Session II, moderated by Adam Dicker, MD, PhD, and Karen Winkfield, MD, PhD, will focus on how digital health improves patient outcomes and experiences. After individual presentations, a panel will discuss how to make user-friendly changes quickly and how to innovate equitably, using advances in digital health.

▶ **Key Actors – Patients and Crowdsourcing**

Jen Horonjeff, PhD

▶ **Reducing Disparities with Digital Innovation**

Edmondo Robinson, MD, H. Lee Moffitt Cancer Center and Research Institute

▶ **(e) PROMs/PREMs as the True North – Why/When/How**

Deborah Schrag, MD, Memorial Sloan Kettering Cancer Center

▶ **Implementing: From “Code” to “Clinic”**

Ale Berlin, MD, Princess Margaret Cancer Center

▶ **Panel Discussion and Reflections and Lessons Learned**

Full Panel and Nitin Ohri, MD, Albert Einstein College of Medicine

10:30 a.m. - 11:30 a.m.

Session III: Aiming to Improve Patient Outcomes with Paradigm Changing Applications in RT

Session III looks at what some of the potential future applications of radiation therapy are that may expand the role of radiation therapy and improve patient outcomes. This session is designed to keep you thinking. How can we use radiation therapy in new settings with the goal of cure and how do we get there? Sue B. Evans, MD, and Iris Gibbs, MD, FASTRO, will moderate.

▶ **Patient Perspective**

Ginger Powell, Patient Speaker

▶ **Beyond Oligometastases: New Frontiers for Stereotactic Radiation**

David Palma, MD, PhD, London Health Sciences Center

▶ **Innovative Immune Targeting/TME/RT as Vaccine**

Chandan Guha, MD, PhD, Montefiore Medical Center

▶ **Radiation as a Curative Therapy in Hepatocellular Carcinoma**

Jinsil Seong, MD, PhD, Severance Hospital of the Yonsei University Health System

▶ **Rethinking Radiation Timing and Surgical Perturbation Failure**

Stuart Burri, MD, Levine Cancer Institute

▶ **Beyond the Cancer: Targeting Pain with Radiation**

Yaacov Lawrence, MD, Sheba Medical Center

11:30 a.m. - 12:25 p.m.

Session IV: Obtaining Evidence for Change

The final session will be a lively debate on randomized clinical trials versus real world data, moderated by Gita Suneja, MD, and Jeffrey Bradley, MD, FASTRO. Four speakers will offer points and counterpoints. The session will conclude with an audience vote and a panel discussion featuring Jill Feldman, a lung cancer patient advocate and survivor.

▶ **Pro: Randomized Controlled Trials**

Søren Bentzen, DSc, PhD, FASTRO, University of Maryland School of Medicine

▶ **Pro: Real World Data**

Corinne Faivre-Finn, MD, PhD, The University of Manchester

▶ **Rebuttal: Randomized Clinical Trials**

Reshma Jagsi, MD, PhD, FASTRO, University of Michigan

▶ **Rebuttal: Real World Data**

Dave Fuller, MD, PhD, MD Anderson Cancer Center

▶ **Vote and Panel Discussion with Jill Feldman, Patient Advocate** 

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F. Gregucci, I. Bonaparte, A. Surgo, M. Caliandro, R. Carbonara, MP. Ciliberti, A. Fiorentino. Department of Radiation Oncology, Miulli General Regional Hospital, Acquaviva delle Fonti-Bari, Italy.

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KEY SESSIONS AND HIGHLIGHTS

OF THE 63RD ANNUAL MEETING



WHETHER YOU'RE A FULL-MEETING IN-PERSON ATTENDEE, joining us for the PRO program over the weekend, or logging in remotely with Digital XP, ASTRO's 63rd Annual Meeting will bring you a world-class program of educational sessions and the latest research in radiation oncology. Here are the highlights of the key sessions you won't want to miss!

Keynote Addresses

Our Keynote speakers will bring together the meeting theme of Embracing Change: Advancing Person-Centered Care.



On Monday morning, October 25, in-person attendees in Chicago will learn strategies to mitigate physician burnout from **Wendy Dean, MD**, CEO and co-founder of The Moral Injury of Healthcare. This first Keynote Address will

explore the importance of the doctor-patient relationship and how systems challenges may impact burnout and languishing. Dr. Dean practiced medicine for 15 years as an emergency room physician and, later, a psychiatrist. She then spent eight years in different leadership positions, including overseeing medical research funding for the U.S. Army and as a senior executive at a nonprofit supporting novel strategies to restore form, function and appearance to ill and injured service members. In 2019, Dr. Dean founded The Moral Injury of Healthcare to address clinician distress and focus on finding innovative ways to make medicine better for patients and health care professionals technologically, ethically and systemically.



Also on Monday, at noon Central time, Digital XP attendees will participate in a virtual Keynote Address on artificial intelligence (AI) in health care by **Fei-Fei Li, PhD**. Dr. Li is the inaugural Sequoia Capital Professor, co-director of the Stanford Institute for Human-centered Artificial

Intelligence, Professor, by courtesy, Operations, Information and Technology at The Graduate Business School. Dr. Li will discuss her pioneering work in computer vision AI and share her view on the future of equitable, human-centered AI in health care. During her sabbatical from Stanford from January 2017 to September 2018, Dr. Li was vice president at Google and served as chief scientist of AI/ML at Google Cloud. Dr. Li's research interests include cognitively inspired AI, machine learning, deep learning, computer vision and AI+health care, specifically ambient intelligent systems for health care delivery.

Continued on the following page



Special Sessions

The Science of Hope: Why and How to Approach the Most Difficult Situations in Oncology

Monday, October 25, 11:30 a.m. – 12:45 p.m.

Mark your calendars for this inspiring and uplifting session. Moderated by Sue B. Evans, MD, a multidisciplinary panel, including a stage 4 cancer survivor, will discuss the extensive science of hope. Hope is an unquestionable part of treatment for cancer patients and their loved ones. This session will demonstrate that hope for all patients is appropriate, necessary and a critical component of quality care. Panelists will discuss the science of hope: what is its psychoneuroimmunological basis, why it is vitally important, how it is being incorporated in clinical trials and how to cultivate and enhance hope among patients, caregivers and colleagues in a genuine and transparent way. Panelists will demonstrate that an individual's level of hope is often determined by innate personality characteristics and environmental factors but can also be physiologically influenced by other factors. Panelists will discuss how hope represents a cognitive construct that can be taught and learned and argue that hope can be a therapeutic target, part of today's clinical toolbox to help improve adherence and cancer-related outcomes.

Cancer Breakthroughs

There are four sessions dedicated to Cancer Breakthroughs, one in person in Chicago and three on the Digital XP  platform. The session times listed below are subject to change.

Digital XP CB 01

Sunday, October 24 · 1:45 p.m. – 2:15 p.m.

Digital XP CB 02 and CB 03

Tuesday, October 26 · 1:00 p.m. – 2:00 p.m.

Digital XP CB 04

Wednesday, October 27 · 10:00 a.m. – 10:30 a.m.

CB 01

Wednesday, October 27 · 9:30 a.m. – 10:30 a.m.

Joint Sessions

Joint 01 - ASTRO/Radiosurgery Society (RRS) - Heterogeneous Tumor Dose and Spatial Fractionated Radiation Therapy: Clinical Results Begin to Confirm Preclinical Concepts

Sunday, October 24 · 5:00 p.m. – 6:10 p.m.

Joint 02 - ASTRO/Immuno-Oncology Translational Network (IOTN) - Radiation/Immunotherapy Combinations – Clinical Highlights and Case Discussion (Live SA-CME)

Monday, October 25 · 11:15 a.m. – 12:30 p.m.

Joint 03 - ASTRO/ Society for Palliative Radiation Oncology (SPRO) - Challenging Cases in Palliative Care

Tuesday, October 26 · 8:30 a.m. – 9:30 a.m.

Special Session 05 - ASTRO/Society of Nuclear Medicine and Molecular Imaging (SNMMI) - Prostate Cancer Molecular Imaging and Radiotheranostics

Tuesday, October 26 · 1:45 p.m. – 3:00 p.m.

Joint 04 - ASTRO/ Society for Neuro-Oncology (SNO) Glioma Controversies: Patient-Focused Case-Based Discussion

Wednesday, October 27 · 11:00 a.m. – 12:15 p.m.

International Sessions

International 01 – Latin America

Saturday, October 23 at 2:45 p.m. – 6:00 p.m.

International 02 - ASTRO/ESTRO Joint Session - Spatially Fractionated Radiotherapy-Techniques and Benefits

Sunday, October 24 at 1:45 p.m. – 3:00 p.m.


International 03 - Bridging the Gap: Highlighting Efforts to Build Radiation Oncology Capacity Globally

Sunday, October 24 at 4:45 p.m. – 6:00 p.m.

International 04 - Novel Educational Opportunities in the IT-Enabled World

Monday, October 25 at 8:30 a.m. – 9:30 a.m.

International 05 - Joint ASTRO-RUSSCO Session: "Medice, cura aegrotum, sed non morbum": Emotional and Mental Health of Cancer Patients Undergoing Treatment

Monday, October 25 at 2:00 p.m. – 3:15 p.m. 

RECOMMENDED SESSIONS

FROM THE COMMITTEE ON HEALTH EQUITY, DIVERSITY AND INCLUSION

ASTRO'S COMMITTEE ON HEALTH EQUITY, DIVERSITY AND INCLUSION (CHEDI) is once again proud to showcase several exciting and timely educational opportunities during the 2021 ASTRO Annual Meeting. This year's sessions will focus on promoting health equity, diversity and inclusion initiatives by taking a look at the past, present and future within health care and radiation oncology.

The following sessions will be included for the in-person program in Chicago. See a description of each session on page 14.

- **EDU 02 - Physician Driven Social Change: A Historical Perspective and Opportunities for Radiation Oncologists**
Sunday, October 24, 2:00 p.m.
- **SH 02 - Science Highlights 2 – DEIH**
Monday, October 25, 9:00 a.m.
- **SS 08 - DEIH 1 - Diversity, Equity and Inclusion in Health Care**
Monday, October 25, 11:30 a.m.
- **Panel 10 - Mitigating Bias in Recruitment: Attracting a Diverse, Dynamic Workforce to Sustain the Future of Radiation Oncology**
Monday, October 25, 2:00 p.m.
- **EDU 11 - Creating Equitable and Inclusive Spaces for Black, Indigenous and Latinx Trainees, Residents and Faculty: Opportunities and Pathways**
Monday, October 25, 5:15 p.m.

Master Class: Diversity, Equity and Inclusion

Our Master Class will give deep insight into a topic associated with diversity, equity and inclusion and will provide an interactive experience where participants will learn important skills they can use in their clinical practice. Participants will better understand racism and discrimination in America, and how they contribute toward social determinants of health. The first session will focus on addressing health disparities in your community, through topics that include building trust, reducing financial toxicity, working with community partners and performing health equity research with vulnerable populations. Breakout session two will focus on building an equitable culture within your hospital or

department, including performing a holistic review for hiring and residency selection, engaging faculty, staff and trainees and building an effective pipeline program. This event is ticketed and requires additional registration.

Leadership Pipeline Program

We would like to recognize our Leadership Pipeline Protégés who have been working throughout the year on various projects. We are looking forward to announcing the new class of protégés this fall. Please give a warm welcome to our 2020-2022 class of protégés who were recently selected for the ASTRO Leadership Pipeline Program.


2020 – 2022 Protégés

- **Dayssy Alexandra Diaz Pardo, MD, MS**; The Ohio State University James Cancer Hospital
- **Debra Nana Yeboa, MD**; The University of Texas MD Anderson Cancer Center
- **Julianne Marie Pollard-Larkin, PhD**; The University of Texas MD Anderson Cancer Center
- **Kosj Yamoah, MD, PhD**; H. Lee Moffitt Cancer Center & Research Institute

Minority Summer Fellowship

Lastly, please help us continue to spread the message to medical students underrepresented in medicine that applications for the 2022 Minority Summer Fellowship are due Friday, February 4, 2022. We would like to acknowledge the 2021 Minority Summer Fellowship Awardees.

2021 Awardees

- **Valencia Henry, MS**; Edward Via College of Osteopathic Medicine - Carolinas Campus
- **Abigail Nwiloh**; Meharry Medical College School of Medicine
- **Annie Nwiloh**; Meharry Medical College School of Medicine
- **Jazmyne Tabb**; University of South Alabama 

For a full listing of sessions, including programming exclusive to Digital XP, visit www.astro.org/ConferencePlanner.

SCIENTIFIC SESSIONS

AT THE 63RD ANNUAL MEETING

BY ANDREA NG, MD, MPH, CHAIR, ANNUAL MEETING SCIENTIFIC PROGRAM COMMITTEE



THE ANNUAL MEETING SCIENTIFIC COMMITTEE

is looking forward to welcoming ASTRO members back to an in-person meeting in Chicago! The meeting will include a virtual component — Digital XP — for those who are unable to travel.

ASTRO's Annual Meeting is the premier scientific radiation oncology event of the year, and the Annual Meeting Scientific Committee has created another exceptional program for 2021. The theme of the meeting is Embracing Change: Advancing Person-Centered Care. The meeting will offer attendees an array of scientific sessions that showcase cutting-edge research that is sure to impact patient care and practice.

The scientific program will feature abstracts presented in a variety of different formats: Plenary and Clinical Trial and Innovation sessions, which showcase abstracts of scientific significance deemed to have the highest merit and greatest impact on radiation oncology research and practice; interactive Oral Scientific and Quick Pitch sessions; Science Highlight sessions, which feature expert discussants to provide an overview of the abstracts that each track/disease site has selected to best represent the research for their disease site; Digital Posters with audio narration by the abstract author; and Cancer Breakthrough sessions, featuring top 2021 breakthroughs from ASTRO's oncology partner organizations.

The Annual Meeting will also include multiple workshops, panels and educational sessions, but to see the latest scientific research, don't miss the scientific sessions. The meeting will include nearly 300 abstracts as part of Oral Scientific and Quick Pitch sessions and over 1,300 as Digital Posters covering all the major disease sites as well as Physics, Biology, Palliative Care and Digital Innovations. We are also excited to introduce a new track: Diversity, Equity and Inclusion in Health Care.

Although abstracts are embargoed until the date and time of presentation, you can preview the schedule, which includes abstract titles, in our Conference Planner and mobile app now. We encourage you to review the sessions and build your schedule in advance of the meeting at www.astro.org/ConferencePlanner. The Conference Planner will sync with the mobile app.

Here are some of the top-scoring abstracts that will be presented:

- **Dose Escalated Radiotherapy Alone or in Combination with Short-term Androgen Suppression for Intermediate Risk Prostate Cancer: Outcomes from the NRG Oncology/RTOG 0815 Randomized Trial**
 - Daniel Krauss, MD, Beaumont Health
- **Elective Internal Mammary Node Irradiation in Women with Node-positive Breast Cancer: Results of a Randomized, Phase 3 Trial**
 - Yong Bae Kim, MD, Yonsei Cancer Center, Yonsei University College of Medicine
- **Primary Endpoint Analysis of a Randomized Phase III Trial of Hypofractionated vs. Conventional Post-prostatectomy Radiotherapy: NRG Oncology GU003**
 - Mark Buyyounouski, MD, MS, Stanford University
- **Exclusive Chemoradiotherapy with or without Radiation Dose Escalation in Esophageal Cancer: Multicentre Phase 2/3 Randomized Trial CONCORDE (PRODIGE-26)**
 - Gilles Crehange, MD, PhD, Institut Curie
- **Dose Escalated Radiotherapy (RT) Alone or in Combination with Short-term Total Androgen Suppression (TAS) for Intermediate Risk Prostate Cancer: Patient Reported Outcomes (PROs) from the NRG Oncology/RTOG 0815 Randomized Trial**
 - Benjamin Movsas, MD, FASTRO, Henry Ford Cancer Institute
- **Individual Patient Data Meta-analysis of Randomized Trials in Cancer of the Prostate (MARCAP) Consortium: Impact of Androgen Deprivation Therapy Use and Duration with Definitive Radiotherapy for Localized Prostate Cancer**
 - Amar Kishan, MD, University of California, Los Angeles
- **Prospective Phase I/II Study of Radiation and Chemotherapy with Ipilimumab Followed by Nivolumab for Patients with Stage III Unresectable NSCLC**
 - Casey Liveringhouse, MD, H. Lee Moffitt Cancer Center and Research Institute
- **Population Based Phase II Trial of Stereotactic Ablative Radiotherapy (SABR) for up to Five Oligometastases: Preliminary Results of the SABR-5 Trial**
 - Robert Olson, MD, MS, University of British Columbia





Twelve Science Highlights sessions will be offered on Digital XP, in addition to six sessions during the in-person meeting. See page 37 for the in-person schedule. These sessions will highlight important abstracts in the disease site tracks, summarized by an expert discussant.

Sunday, October 24

Digital XP SH 07 - Breast **DXP**

9:00 a.m. – 9:30 a.m.

Digital XP SH 08 - Biology **DXP**

9:30 a.m. – 10:00 a.m.

Digital XP SH 09 - Digital Health Innovation **DXP**

10:30 a.m. – 11:00 a.m.

Digital XP SH 10 - Health Services Research **DXP**

11:00 a.m. – 11:30 a.m.

Monday, October 25

Digital XP SH 11 - Palliative **DXP**

9:00 a.m. – 9:30 a.m.

Digital XP SH 12 - Patient Reported Outcomes **DXP**

9:00 a.m. – 9:30 a.m.

Digital XP SH 13 - Patient Safety **DXP**

9:30 a.m. – 10:00 a.m.

Digital XP SH 14 - Pediatrics **DXP**

9:30 a.m. – 10:00 a.m.

Tuesday, October 26

Digital XP SH 15 - Sarcoma **DXP**

9:00 a.m. – 9:30 a.m.

Digital XP SH 16 - CNS **DXP**

9:30 a.m. – 10:00 a.m.

Wednesday, October 27

Digital XP SH 17 - Hematologic Cancers **DXP**

9:00 a.m. – 9:30 a.m.

Digital XP SH 18 - Physics **DXP**

9:30 a.m. – 10:00 a.m.

For a full listing of sessions, including programming exclusive to the Digital XP, visit astro.org/ConferencePlanner.

CORPORATE AMBASSADORS

ASTRO PROUDLY RECOGNIZES THE ONGOING COMMITMENT OF OUR CORPORATE AMBASSADORS FOR THEIR OUTSTANDING YEAR-ROUND LEADERSHIP AND PROMOTIONAL SPONSORSHIP OF RADIATION ONCOLOGY.



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2021/2022

Upcoming Meetings



MULTIDISCIPLINARY THORACIC CANCERS SYMPOSIUM

December 2-4, 2021
Fairmont Scottsdale Princess
Scottsdale, Arizona



ASTRO 2021 CODING AND COVERAGE SEMINAR

December 11, 2021

VIRTUAL



MULTIDISCIPLINARY HEAD AND NECK CANCERS SYMPOSIUM

February 24-26, 2022
JW Marriott Phoenix Desert Ridge
Resort and Spa
Phoenix, Arizona



ASTRO ACADEMY

academy.astro.org



ASTRO ANNUAL REFRESHER COURSE 2022

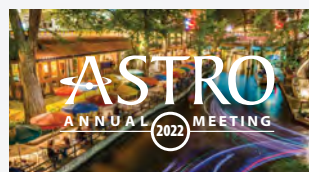
March 25-27, 2022

VIRTUAL



2022 ASTRO ADVOCACY DAY

May 16-17, 2022
Washington, DC



ASTRO 64TH ANNUAL MEETING

October 23-26, 2022
Henry B. González Convention Center
San Antonio, Texas

LIVE SA-CME OFFERINGS

ELEVEN LIVE SELF-ASSESSMENT CME (SA-CME)

are part of this year's in-person Annual Meeting with an additional two SA-CME sessions as a part of the Digital XP program to help physician and physicist attendees meet the requirements of the American Board of Radiology's (ABR) Part II Maintenance of Certification (MOC) program. Participants will access their Live SA-CME assessment through the ASTRO Academy (academy.astro.org) to receive immediate feedback, peer comparison and SA-CME certificates.

Registrants can purchase access to the Live SA-CME credits happening during the in-person meeting in Chicago as well as the two SA-CMEs available in the Digital XP platform. Registration for the PRO Program will include one SA-CME session. In-person attendees can register for Live SA-CME sessions for \$50 each online or on-site prior to the Live SA-CME session. Digital XP registrants can also purchase Live SA-CME sessions online up until one hour before the live session.

Please note, sessions that are part of the Digital XP platform will not be held in-person in Chicago. Live meeting attendees can still register and participate but will need to do so from their own computer and location. Digital XP registrants can only purchase access to the two SA-CME sessions available on the Digital XP platform. Be sure to check the Conference Planner for the dates and times of each session. Live SA-CME participants have until November 30, 2021, to complete the assessment.

Various Education, Panel, and Joint Sessions have been selected including, but not limited to:

- **Panel 04:** Challenging Cases in Breast Cancer
- **Joint 02:** Radiation/Immunotherapy Combinations – Clinical Highlights and Case Discussion
- **EDU 10:** Debating the Best Treatment for Early Prostate Cancer: Surgery, Radiation or Neither
- **Panel 16:** ASTRO's First Evidence-based Clinical Practice Guidelines on Radiation Therapy for Primary Liver Cancers
- **EDU 20:** Treating the Toxicity: Survivorship Following Head and Neck Cancer Radiotherapy
- **Digital XP EDU 01:** Patient Focused Treatment of Gynecologic Cancers
- **Digital XP EDU 02:** Integration of Surgery in the Multidisciplinary Care of Head and Neck Cancer: Focus on Oral Cavity, Larynx and Hypopharynx Cancers 

For more information about Annual Meeting SA-CME sessions, visit www.astro.org/AMLiveSACME or contact Education@astro.org.

ASTRO 2021 UNRESTRICTED EDUCATIONAL GRANT SUPPORTERS

AstraZeneca

Merck & Co., Inc.

Novocure

Current as of
August 26, 2021



Partners in Patient Education
American Society for Radiation Oncology

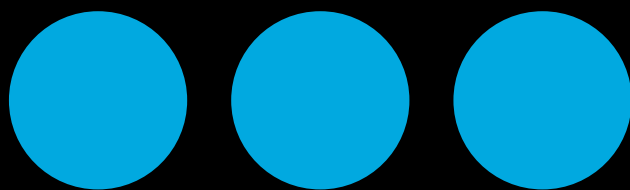
Thank You

Thank you for your generous support of
ASTRO's patient education program.



novocure®

A LEAP IN CANCER CARE.
A LEAP IN IMPACT.





ARRO Bowl

Sunday evening, October 24
6:00-7:30pm

Marriott Marquis, Level 3,
Daniel Burnham A/B

**Join this 1st annual fast-paced challenge just
for Radiation Oncology Residents**

- Questions will be asked in a multiple-choice format addressing topics designed to help you prepare for the Boards
- Top-scoring resident receives bragging rights and ownership of the ARRO Bowl trophy until the 2nd Annual ARRO Bowl occurs
- Drinks and light snacks provided

Questions?

Contact VOSGlobalEvents@varian.com
or text 434-242-9942



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THE RADIATION ONCOLOGY INSTITUTE INVITES YOU...

BY JANET L. HEDRICK, DIRECTOR OF DEVELOPMENT, ROI

THE RADIATION ONCOLOGY INSTITUTE (ROI) invites you to visit the ROI booth #113 to learn about research awards made this year and opportunities for grants in 2022. A new request for proposals (RFP) on an influential and compelling research topic will be released just before the ASTRO Annual Meeting, and you can learn more about the topic and the process for applying by visiting the booth.

The ROI will host three sessions at the booth, where you can stop by and discuss ROI research. Sessions will be held Sunday through Tuesday. See www.roinstitute.org/astroAM for a detailed schedule.

- **Supporting Resident Research:** Residents and fellows can learn about the new RFP and tips for applying from ROI grantees who received awards as trainees and representatives from the Research Committee.
- **Launching Novel Research Pathways:** All are welcome to discuss the new funding opportunity with researchers in faculty positions who received ROI grants to explore new areas of research as well as members of the Research Committee.
- **Shaping the Future of RadOnc:** Members of the ROI Board of Trustees and Research Committee will be on hand to hear your suggestions for topics for future funding opportunities.

The ROI wants to hear from you! Look for a coupon in the ASTRO Daily News, distributed in print during the Annual Meeting, that you can use to indicate the research topics you would like the ROI to consider. You can complete the tear-out and drop it by the ROI booth.

As you are thinking of ideas, keep in mind the topics that form the ROI's Research Agenda: Safety and Quality, Value, Toxicity Management, Comparative Effectiveness and Understanding and Awareness. The ROI is committed to funding research that will have a direct impact on the practice of radiation oncology.

During the ASTRO Annual Meeting, the ROI will host its annual Celebration of Giving for donors to the ROI and researchers funded by the ROI. Those who have given at the President's Circle level (\$1,500 or more in 2020 and/or in 2021) and those who are members of the Founders' Circle who have given a total of \$12,500 or more will be invited to this exclusive reception on Sunday evening. The event will provide an opportunity for donors to meet and talk with

researchers they are supporting as well as with other donors.

In addition, the Publication Award Winner and the authors selected for Honorable Mention in 2021 will be recognized at the reception along with those from 2020. When you stop by the booth, consider making a gift to the ROI to support the talented investigators who are conducting research that enhances patient outcomes and advances the field of radiation oncology.

The DipJar, where you can make a gift of \$100 simply by "dipping" your credit card into a slot, will be available again this year at the ROI booth. You can also support the ROI by making online gifts and pledges at the booth.

Come by the ROI booth and make your investment in research! You can sign your name on the board that recognizes those giving at the ASTRO Annual Meeting. And you can learn about the Legacy Challenge and ways to have a long-term impact on the future of radiation oncology. 🏆

You are welcome to stop by the booth #113, Sunday through Tuesday from 10:00 a.m. to 5:00 p.m.

5K RACE TO BENEFIT THE RADIATION ONCOLOGY INSTITUTE



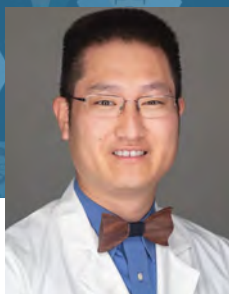
Monday, October 25, 2021

Starting time: 6:44 AM
Chicago Waterfront

To register: <https://runsignup.com/Race/IL/Chicago/ROI5K>

ARRO ANNUAL SEMINAR

Transitions Back to a Compelling Combination of In-Person and Virtual Sessions



BY AUSTIN J. SIM, MD, JD
ARRO EXECUTIVE COMMITTEE CHAIR
ON BEHALF OF THE ARRO EXECUTIVE COMMITTEE

*The ARRO Seminar is
funded in part by:*

varian
A Siemens Healthineers Company

THE ASSOCIATION OF RESIDENTS IN RADIATION ONCOLOGY (ARRO) Executive Committee guardedly celebrates a gradual return to normalcy with a hybrid Annual Seminar during the 63rd ASTRO Annual Meeting with new and exciting content. As we eagerly anticipate one of the first in-person meetings since the beginning of the COVID-19 pandemic, we remain mindful of the increased accessibility and convenience of virtual sessions. Half of the traditional Annual Seminar content will be presented in person on Saturday, October 23, and the other half will be presented virtually Sunday, October 24, through Tuesday, October 26. In line with last year, the ARRO Annual Seminar will continue to be included in the standard in-person Annual Meeting registration. The virtual session will also be available to all in-person and virtual attendees through Digital XP.

Highlights of the in-person sessions include the perennially popular Job Search Panel, moderated by Brian Kavanagh, MD, MPH, FASTRO. In a slight divergence from previous years, this year's panel will also feature physicians who have undergone career transitions, in addition to viewpoints from academic, physician-scientist, private practice and industry. Vonetta Williams, MD, PhD, will then present the results of the Equity and Inclusion Subcommittee's survey on resident attitudes towards race and ethnicity. After many years of dedicated service from Terry Wall, MD, JD, FASTRO, the administration of the Graduating Resident Survey has transitioned to the ARRO Executive Committee. We will present these results, including satisfaction with accepted positions, the continued effect of the pandemic,

salary information and training program details.

Carrying through with the thread of leadership development from last year, the final two sessions of the in-person program include one featuring interactive conflict management exercises co-led by Sarah Hoffe, MD, and Larry McEvoy, MD, emergency physician, CEO, entrepreneur, and founder of Epidemic Leadership. For the exciting conclusion of our in-person program, our keynote address, titled "Leadership training for radiation oncologists: no longer an optional extra," will be delivered by Sandra Turner, PhD, MBBS. The traditional Annual Luncheon and Meet the Professor reception have been combined into a single Networking and Mentoring reception on Sunday, October 24. Residents and medical students will have the opportunity to network with a wide variety of academic and private practice physicians. This exciting event will not be ticketed, but space is limited!

Our virtual programming will be just as dynamic and engaging! In our first session on Sunday, October 24, Richard Levenstein, JD, will lead us in a can't miss session on pearls and pitfalls when negotiating employment contracts. Professor Levenstein is a shareholder at Nason Yeager in Florida, where he specializes, in part, in physician and medical staff representation and serves as an adjunct professor of health care law at Tulane University School of Law. Sessions on Monday, October 25, will include optimal strategies to effectively transition to junior faculty with Beth Beadle, MD, as well as private practice valuation and billing basics with Ron DiGiaino, MBA, who


Continued on the following page

ARRO Annual Seminar In-Person Sessions At-a-Glance

SATURDAY, OCTOBER 23

- **Chair's Welcome** | 12:30 p.m.
Austin Sim, MD, JD
- **ACGME Update** | 12:37 p.m.
Neha Vapiwala, MD, FASTRO
- **Global Health Faculty Award** | 12:52 p.m.
Presented by Justin Anderson, MD
- **2021 Job Search Panel** | 1:00 p.m.
Moderated by Brian Kavanagh, MD, MPH, FASTRO
- **Equity and Inclusion Resident Survey Results** | 2:00 p.m.
Vonetta Williams, MD, PhD
- **2021 Graduating Residents Survey Results** | 2:25 p.m.
Austin Sim, MD, JD
- **Practical Strategies for Managing Conflict to Optimize Team Performance** | 3:00 p.m.
Sarah Hoffe, MD, and Larry McEnvoy, MD
- **Keynote: Leadership Training for Radiation Oncologist – No Longer an Optional Extra (Virtual)** | 4:10 p.m.
Sandra Turner, PhD, MBBS

serves as CEO of Coding Strategies, Inc. and Revenue Cycle, Inc. The final two sessions, on Tuesday, October 26, include research methods in global health with Meredith Giuliani, MBBS, MEd, PhD, and Danielle Rodin, MD, MPH, and presentations from the 2020 ASTRO-Industry Research Training Fellows, Ryan Whitaker, MD, PhD, and Ricky Savjani, MD, PhD.

The ARRO Executive Committee is proud to present such a breadth of content of interest to residents, medical students and practicing radiation oncologists alike as we transition to our hybrid format. We are excited to reconnect and make new connections in person! Although the ARRO seminar is primarily geared toward residents, we hope attendees at all levels will join us. 

Connect with attendees.



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The Right Choice™



ASTRO's APEX – Accreditation Program for Excellence® was developed by radiation oncology professionals from the world's premier radiation oncology society to recognize facilities that deliver safe, high-quality care to their patients. APEX is the right choice for your radiation oncology practice!

Why choose APEX?

- APEX focuses on the entire radiation oncology team and quality improvement, not just appropriateness criteria.
- Patients and caregivers find comfort in knowing your facility has met APEX's high standards for safety and care.

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ANNUAL MEETING GENERAL INFORMATION

All times listed in Central time

MCCORMICK PLACE WEST

2301 S. Indiana Avenue
Chicago, IL 60616
www.mccormickplace.com

All activities take place at McCormick Place West unless otherwise stated. All information is correct as of August 25, 2021, and is subject to change.

ATTENDEE REGISTRATION

Outside Halls F1 and F2, Level 3

Attendee registration hours:

Saturday, October 23	7:00 a.m. – 5:00 p.m.
Sunday, October 24	6:30 a.m. – 5:00 p.m.
Monday, October 25	7:00 a.m. – 5:00 p.m.
Tuesday, October 26	7:00 a.m. – 5:00 p.m.
Wednesday, October 27	7:00 a.m. – 2:00 p.m.

EXHIBITOR REGISTRATION

Outside Hall F1, Level 3

Exhibitor registration hours:

Thursday, October 21	8:00 a.m. – 5:00 p.m.
Friday, October 22	8:00 a.m. – 5:00 p.m.
Saturday, October 23	7:00 a.m. – 5:00 p.m.
Sunday, October 24	6:00 a.m. – 5:00 p.m.
Monday, October 25	7:00 a.m. – 5:00 p.m.
Tuesday, October 26	7:00 a.m. – 5:00 p.m.

IMPORTANT

New this year, there will be no on-site registration in Chicago. However, online registration will be open and available throughout the meeting at the late registration rates. Attendees who plan to attend the in-person meeting and have not registered in advance should register online before arriving at McCormick Place West. Once you have registered online, you will be able to pick up your meeting badge and registration materials in the registration area, located outside Halls F1 and F2, on level 3 at McCormick Place West.



AFFILIATED MEETINGS

American Society of Radiologic Technologists (ASRT) 2021 Radiation Therapy Conference (RTC) October 24-26 | McCormick Place, South Building

The American Society of Radiologic Technologists (ASRT) Radiation Therapy Conference (RTC) will take place at the McCormick Place, South Building. ASTRO-registered attendees may attend RTC sessions by paying a reduced registration fee of \$200. Proof of ASTRO Annual Meeting registration (registration confirmation or badge) is required to receive this reduced rate. If you have not registered to attend the ASRT conference and would like to do so, visit www.asrt.org for registration information.

38th Society for Radiation Oncology Administrators (SROA) Annual Meeting October 24-26 | Hilton Chicago

The 38th Annual Meeting of the Society for Radiation Oncology Administrators (SROA) will take place at the Hilton Chicago. ASTRO-registered attendees may attend the SROA general sessions by paying a reduced registration fee of \$250. Proof of ASTRO Annual Meeting registration (registration confirmation or badge) is required to receive this reduced rate. If you have not registered to attend the SROA conference and would like to do so, visit www.sroa.org for registration information.

ABSTRACTS AND EMBARGO POLICY

All abstracts to be presented at the ASTRO Annual Meeting are embargoed until 5:00 p.m. Central time on Friday, October 22, 2021. This embargo applies only to information contained in the abstracts; information beyond what is included in the abstract, such as updated or additional results, is embargoed until the date and time of scientific presentation or presentation at an ASTRO news briefing, whichever occurs first. The embargo policy applies to all abstracts regardless of whether information is obtained from another source.

Embargo violations by media professionals may result in suspension of credentials at ASTRO’s Annual Meeting — as well as future meetings — and may impact access to advance media materials for future meetings.

Embargo violations by abstract authors and/or sponsors may result in removal of the abstract from the scientific program. Abstract authors are responsible for notifying financial and other sponsors about this embargo policy. Questions about the embargo policy may be directed to press@astro.org.

The full text of the abstracts selected for oral and poster presentation will be available online in the Conference Planner and MyASTROApp at 5:00 p.m. Central time on Friday, October 22, 2021. Abstracts also will be published in the *International Journal of Radiation Oncology • Biology • Physics* (Red Journal) at that time.

ASK ASTRO INFORMATION AND MEMBER SERVICES BOOTH

Central Concourse, Level 3

ASTRO representatives are available to answer questions and provide information about the Annual Meeting, ASTRO membership and ASTRO’s products and services, including our vast portfolio of patient education resources. Staff can also offer assistance with the MyASTROApp, the Conference Planner and setting up a social media account. In addition, stop by to learn more about the patient support groups selected to receive this year’s Survivor Circle Grants.

Hours of operation:

Saturday, October 23	8:00 a.m. – 5:00 p.m.
Sunday, October 24	6:30 a.m. – 5:00 p.m.
Monday, October 25	7:00 a.m. – 6:00 p.m.
Tuesday, October 26	7:00 a.m. – 5:00 p.m.
Wednesday, October 27	7:00 a.m. – 4:00 p.m.

ASTRO ANNUAL MEETING CAREER CENTER

Employers and job seekers: Check out the new ASTRO Career Center! Employers attending the Annual Meeting will want to take advantage of the updated Annual Meeting job posting and appointment scheduling features, as well as introductory pricing. Job seekers, be sure to post your resume on the Career Center. Whether attending the Annual Meeting as an employer or a job seeker, don’t miss the opportunity to connect with potential candidates or your new employer!

ASTRO JOB BOARD

Central Concourse, Level 3

A job board is available in the Central Concourse with an interactive connection to the new ASTRO Career Center. Employers who are attending the Annual Meeting can flag job postings online prior to the meeting and connect with job seekers on site. Job seekers may bring copies of their resumes to post on the on-site job board, in addition to posting it online.

ASTRO PRIVATE INTERVIEW ROOMS

Private interview rooms are available for rent. These rooms are ideal if you have multiple interviews to conduct or prefer to interview applicants in a private setting. A limited number of private interview rooms are available for three-hour periods. For more information, contact Todd Karstaedt at todd.karstaedt@astro.org. When on site, stop by the Ask ASTRO booth located in the Central Concourse to check availability.

ASTRO PAC POD

Central Concourse, Level 3

ASTRO’s political action committee (PAC) pod allows members to get information on ASTRO’s advocacy and political giving, contribute on site and charge their electronic devices. ASTRO PAC provides ASTRO with the opportunity to more fully participate in the political process and ensure our members’ voices are being heard by key policymakers on Capitol Hill. Stop by the ASTRO PAC pod to get the most recent legislative updates. Visit www.astro.org/astropac for more information.

Hours of operation:

Sunday, October 24 – Tuesday, October 26
10:00 a.m. – 5:00 p.m.



ASTRO Digital XP Program

Included with full conference registration, ASTRO Digital XP contains nearly 50 hours of content, including 30 hours of original content curated to complement the ASTRO Annual Meeting. Session highlights include Keynote speaker Fei-Fei Li, PhD, along with panels, education, special sessions and ARRO programming. Three eContouring sessions, the Grant Writing Workshop and two additional SA-CME sessions are also available. Connect with virtual attendees through built-in Zoom meeting requests. View bonus content at your leisure and claim CME until November 30, 2021. Participate virtually in Live and SimuLive sessions at www.astro.org/AMDigitalXP. Stop by Registration if you are interested in adding the Digital XP program.

Annual Meeting onDemand

Extend your educational experience from the 2021 Annual Meeting with the onDemand product. onDemand access includes:

- Access to hours of educational content to review course materials.*
- Content available within 24 hours of the live session.
- Ability to claim more than 200 *AMA PRA Category 1 Credits™* for up to one year post-meeting.
- Downloadable PDFs and MP3s of the presentations.
- Ability to review content for three years post-meeting.

**Presentations are included in the onDemand product as approved by faculty.*

BUSINESS CENTER

West Building, Level 2

A FedEx Office location is conveniently located on Level 2 in McCormick Place West. You can ship via FedEx Ground or Express and fax or print presentations and signage. This location also has self-service computers and copiers. To contact the business center, please call 312-949-2100.

Hours of operation:

Saturday, October 23 – Wednesday, October 27
8:30 a.m. – 5:00 p.m.

BUSINESS MEETING AND LUNCHEON

Room W183, Level 1

Tuesday, October 26 | 12:00 p.m. – 1:15 p.m.

ASTRO voting members (Active, Affiliate and International members) are invited to attend the annual Business Meeting. Leaders of the Society will discuss topics of interest to ASTRO members. Lunch will be served.

CE CENTRAL

Center Lobby, Level 3

ASTRO and ABR staff members will be on hand to answer questions about continuing education and MOC requirements, including these topics:

- How to complete an evaluation
- ASTRO's Live SA-CME
- ASTRO Academy
- Current MOC participation status
- MyABR attestation and documentation guidance
- Online Longitudinal Assessment
- ASTRO-ABR Gateway for credit transfer

CE Central iPad stations will provide access to:

- Complete your continuing education and meeting evaluation
- Email your continuing education certificate
- Email your Certificate of Attendance
- View the session tracking form
- Search abstracts
- Search exhibitors
- Update your "My Schedule" on the Conference Planner

Hours of operation:

Saturday, October 23	8:30 a.m. – 5:00 p.m.
Sunday, October 24	6:30 a.m. – 5:00 p.m.
Monday, October 25	7:00 a.m. – 5:00 p.m.
Tuesday, October 26	7:00 a.m. – 5:00 p.m.
Wednesday, October 27	7:00 a.m. – 2:00 p.m.

Connect with attendees.



Tweet
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CHICAGO VISITOR INFORMATION CENTER

West Building, Level 1 adjacent to Room W182 and on Level 3 near the bridge to the South Building

Attendees can stop by the Chicago Visitor Information Center to receive travel assistance and information, as well as maps, guides and brochures. These desks will be open Saturday, October 23, through Wednesday, October 27, from 8:30 a.m. to 6:00 p.m. each day.

CHILDCARE SERVICES

We recognize that it can be difficult to balance parenting and the need for childcare while attending a conference. If you plan to bring your children to Chicago as you attend this medical meeting, visit www.astro.org/childcare for more local childcare information. Please note that the public health emergency has significantly limited options.

As a registration reminder, because of the nature of the programs and forums, no one under the age of 18 will be admitted to any official ASTRO function. This includes, but is not limited to, all sessions and the Exhibit Hall. View the complete list of Annual Meeting policies at www.astro.org/policies. If you have questions while at the meeting, please stop by the Ask ASTRO booth, located on the Central Concourse of Level 3 of McCormick Place West, and speak with one of our staff.

FIRST AID



West Building (near Transportation Center), Level 1

First Aid is located on Level 1 in McCormick Place West near the Transportation Center. **In an emergency, please dial 312-791-6060 or extension 6060 from a house phone** to contact First Aid or go to ASTRO Registration, located outside of Halls F1 and F2, and ask a staff person to contact security.

Hours of operation:

Monday, October 18	8:00 a.m. – 5:00 p.m.
Tuesday, October 19	8:00 a.m. – 5:00 p.m.
Wednesday, October 20	8:00 a.m. – 5:00 p.m.
Thursday, October 21	8:00 a.m. – 8:00 p.m.
Friday, October 22	8:00 a.m. – 8:00 p.m.
Saturday, October 23	8:00 a.m. – 8:00 p.m.
Sunday, October 24	6:30 a.m. – 6:00 p.m.
Monday, October 25	7:00 a.m. – 7:00 p.m.
Tuesday, October 26	7:00 a.m. – 12:00 a.m.
Wednesday, October 27	7:00 a.m. – 8:00 p.m.
Thursday, October 28	8:00 a.m. – 12:00 p.m.

EXHIBIT HALL

Level 3, Halls F1-F2

Learn more about the latest products in cancer treatment and care in the Exhibit Hall. See the list of exhibitors on page 42.

Hours of operation:

Sunday, October 24 – Tuesday, October 26
10:00 a.m. – 5:00 p.m.

EXHIBITOR PRODUCT INFORMATION

Your registration badge will include a scan code that contains your contact information. This code can be scanned by exhibitors in the Exhibit Hall so that you may request information on products and services offered by the company. Your contact information will include your email address, unless you opted not to include it during the registration process. Please stop by Attendee Registration, located outside Halls F1 and F2, if you would like to change your contact information.

FACULTY/VIP OFFICE

Room W470b, Level 4

Faculty members and VIPs should check in at the Faculty/VIP Office to pick up registration materials and receive last minute updates and program changes. The Faculty/VIP Office is conveniently located next to the Speaker Ready Room. Faculty and VIPs are welcome in the Faculty/VIP Office throughout the meeting.

Faculty and VIPs include:

- Educational session chairs and speakers
- Panel moderators and speakers
- Scientific program moderators and discussants
- Digital XP program speakers
- eContouring learning lab speakers
- Presidential Symposium speakers
- Keynote speakers and introducers
- International symposium speakers
- 2020 and 2021 ASTRO Fellows
- 2020 and 2021 ASTRO Gold Medalists

Note: Presenters of abstracts, including poster presenters, are not classified as faculty and should follow attendee registration instructions.

Hours of operation:

Saturday, October 23	6:30 a.m. – 6:00 p.m.
Sunday, October 24	6:30 a.m. – 6:00 p.m.
Monday, October 25	7:00 a.m. – 6:00 p.m.
Tuesday, October 26	7:00 a.m. – 6:00 p.m.
Wednesday, October 27	7:00 a.m. – 5:00 p.m.



INDUSTRY-EXPERT THEATER

Level 3, Rear of Hall F2

Hear from industry about their products and services and other informative topics during presentations in the Industry-Expert Theaters. See page 44 for schedules, topics and contact information.

LOST AND FOUND

Ask ASTRO Booth, Central Concourse, Level 3

To report a missing item, check if an item has been turned in to security or turn in a lost item, stop by the Ask ASTRO booth located on the Central Concourse. See Ask ASTRO booth hours on page 32.

LUGGAGE/COAT CHECK

West Building, Level 1, near the Transportation Center

Luggage and coat check will be available at McCormick Place West near the Transportation Center on Level 1 for \$3.50 per coat and \$4.50 per bag.

Hours of operation:

Saturday, October 23	7:30 a.m. – 7:30 p.m.
Sunday, October 24	7:00 a.m. – 6:30 p.m.
Monday, October 25	7:00 a.m. – 6:00 p.m.
Tuesday, October 26	7:30 a.m. – 5:30 p.m.
Wednesday, October 27	7:30 a.m. – 5:00 p.m.

MEDITATION ROOM

Hyatt Conference Center, Room Adler C, Level 2

A meditation room will be set up for those who need a place for prayer and contemplation.

Connect with attendees.



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MOTHER'S LOUNGE

Room W182, Level 1

A dedicated ASTRO Mother's Lounge with private rooms will be available at McCormick Place West for women who need to pump or nurse. Each room will have a privacy lock on the door, comfortable seating, power outlets and other amenities. Access to the Mother's Lounge is available to women from Saturday through Wednesday on a first-come, first-served basis. If you have questions during the meeting, please contact ASTRO staff at 312-949-8600 or stop by the Ask ASTRO booth located on the Central Concourse, Level 3 of McCormick Place West.

MAMAVA LACTATION SUITES

West Building, Level 1 near the Main Information Desk on Indiana Avenue

In addition to the Mother's Lounge, McCormick Place has three private nursing pods called Mamava Lactation Suites. One is conveniently located in the West Building on Level 1 near the Main Information Desk. Additional pods are located at McCormick Place as follows:

- North/South Building, Level 2.5 across from Starbucks
- Lakeside Center, Level 2 by the Gift Shop

Please note that you must download the Mamava Mobile App at www.mamava.com/mobile-app to unlock the suites.



MyASTROApp

YOUR ANNUAL MEETING RESOURCE

MyASTROApp, the official ASTRO 2021 meeting app, provides you with access to the meeting program and the ability to customize your meeting experience with maps and planners. You can search sessions by day, track, session type or speaker; search exhibitors by name or product/service category and locate them on the interactive Exhibit Hall floor plan; view full abstracts and posters, listen to narration and more!

MyASTROApp is integrated with the Conference Planner, at www.astro.org/conferenceplanner, so you can start your planning early.

Note to iPhone users: This app works best on iOS10 or newer and may not be supported on older operating systems.

NEWS BRIEFINGS AND PRESS OFFICE**Rooms W474a and W474b, Level 4**

Registered media professionals are provided with press materials and access to cover ASTRO's 63rd Annual Meeting. ASTRO news briefings will highlight abstracts presented at the Annual Meeting and topical issues that impact cancer care. For more information about ASTRO's press program, news briefings and press policies, email or visit www.astro.org/annualmeetingpress or email press@astro.org.

PARKING

McCormick Place West designates Lot A as the primary parking location. It's a six-level garage with 2,100 parking spaces located on Martin Luther King Drive, adjacent to the West Building. Covered walkways from Lot A lead directly into McCormick Place, Wintrust Arena, Marriott Marquis and the Hyatt Regency McCormick Place, providing added convenience. The parking rate is \$23 for up to 16 hours and \$36 from 16 to 24 hours. There are no in-and-out privileges. Overnight parking is available in Lot A only. Lost tickets will pay the \$36 overnight fee per day.

ASTRO does not validate for parking, and parking rates are subject to change.

POSTER PRESENTER CONCIERGE**Lobby Outside Room 375e, Level 3**

Poster Viewing Q&A presenters may check in at the Concierge Desk, located in the lobby area outside Room W375e, 24 hours prior to their presentation time. Staff will be available to assist presenters with uploading any last minute changes and to help presenters find their assigned station.

SOCIAL MEDIA**#ASTRO21**

Follow ASTRO on social media for all the latest updates and announcements during the Annual Meeting.

Use the hashtag #ASTRO21 to follow along and get involved in discussions. We will unveil our #ASTRO21 Social Champions in September. Find out more about our social media policies and use of hashtags at www.astro.org/About-ASTRO/Social-Media.



@ASTRO_org and @ASTRO_Chair



@ASTRO_org



@AmericanSocietyforRadiationOncology



@american-society-for-radiation-oncology



ASTROtargetingCancer and RTAnswers

SPEAKER READY ROOM**Room W471, Level 4**

Faculty members and abstract presenters should upload their PowerPoint presentations in advance of their sessions through the online Speaker Center by Friday, October 22, at noon Central time. To ensure presentations have been properly uploaded, faculty members and abstract presenters **MUST** check in at the Speaker Ready Room upon arrival to McCormick Place West to review their presentation and make any last minute edits. Presentations received less than 24 hours prior to presentation risk having AV difficulties that are outside of our control.

Hours of operation:

Saturday, October 23	6:30 a.m. – 6:00 p.m.
Sunday, October 24	6:30 a.m. – 6:00 p.m.
Monday, October 25	6:30 a.m. – 6:00 p.m.
Tuesday, October 26	6:30 a.m. – 6:00 p.m.
Wednesday, October 27	6:30 a.m. – 4:00 p.m.

TRANSPORTATION

Chicago offers a number of convenient transportation options to help attendees easily get around the city. For more information, visit www.astro.org/travel.

To and from the Airport

Chicago O'Hare International Airport (ORD) is approximately 18 miles, or one hour, from McCormick Place West. Midway International Airport (MDW) is approximately 10 miles, or 25 minutes, from McCormick Place West.

Rental car reservations

Avis is offering ASTRO attendees special rates on car rentals during the Annual Meeting.

Avis Rent-A-Car

To reserve your Avis rental car, call 1-800-331-1600. Be sure to mention the Avis Worldwide Discount number J657704 when making your reservation.

Taxi

On average, a one-way taxi ride from Chicago O'Hare International Airport to McCormick Place West is approximately \$40* and from Midway International Airport, approximately \$30*.

**Gratuity not included.*

Ride-sharing

Chicago has a multitude of ride-share car service options, such as CHICABS, Uber or Lyft.

POSTERS AND SCIENTIFIC SESSIONS

POSTERS

Lobby Outside Room 375e, Level 3

Over 1,300 posters will be presented both in person and virtually at this year's meeting. We have expanded the in-person program to include 10 poster sessions and the Digital XP program to have five virtual sessions. Attendees will now have more time to visit all posters of interest and ask questions of their presenters. Both in-person and virtual sessions will provide all presenters with five minutes for individual presentation and Q&A followed by open Q&A time for all presenters.

IMPORTANT! Attendees are encouraged to view and listen to narrated posters prior to attending in-person or virtual Poster Q&A sessions and come to sessions with questions for presenters. Posters can be viewed on the Conference Planner and MyASTROApp, as well as the ASTRO website.

For a full schedule of both in-person and virtual sessions, and to view and listen to posters, visit www.astro.org/ConferencePlanner.

POSTER VIEWING Q&A SESSIONS

Poster Viewing Q&A sessions will be held during the times below. Find a specific poster author or institution, on the MyASTROApp or on the Conference Planner.

Sunday, October 24

Poster Q&A Session 1 · 1:30 p.m. – 2:45 p.m.
Gastrointestinal Cancer and Nonmalignant Disease

Poster Q&A Session 2 · 4:45 p.m. – 6:00 p.m.
Radiation and Cancer Physics - Plan Optimization and Digital Health Innovation

Monday, October 25

Poster Q&A Session 3 · 8:30 a.m. – 9:30 a.m.
Professional Development/Medical Education, Patient Reported Outcomes/QoL/Survivorship, Pediatrics, and Nursing & Supportive Care

Poster Q&A Session 4 · 11:00 a.m. – 12:15 p.m.
Radiation and Cancer Biology and Breast Cancer

Poster Q&A Session 5 · 1:30 p.m. – 2:45 p.m.
Genitourinary Cancer, Hematologic Malignancies, and Sarcoma and Cutaneous Tumors

Tuesday, October 26

Poster Q&A Session 6 · 8:30 a.m. – 9:30 a.m.
Diversity, Equity and Inclusion in Health Care and Health Services Research/Global Oncology

Poster Q&A Session 7 · 1:15 p.m. – 2:30 p.m.
Head and Neck Cancer

Poster Q&A Session 8 · 3:30 p.m. – 4:45 p.m.
Lung Cancer/Thoracic Malignancies and Palliative Care

Wednesday, October 27

Poster Q&A Session 9 · 10:30 a.m. – 11:45 a.m.
Radiation and Cancer Physics - Treatment Techniques and Patient Safety

Poster Q&A Session 10 · 1:00 p.m. – 2:15 p.m.
Central Nervous System and Gynecological Cancer

SCIENCE HIGHLIGHTS

Rooms W175 and W176, Level 1

These sessions will highlight important abstracts in six disease site tracks. Experts will highlight clinically applicable information and compare the abstract with similar studies.

Monday, October 25

Science Highlights 1: Genitourinary Cancer
8:15 a.m. – 8:45 a.m.

Science Highlights 2: Diversity, Equity and Inclusion in Health Care
9:00 a.m. – 9:30 a.m.

Tuesday, October 26

Science Highlights 3: Head and Neck Cancer
8:15 a.m. – 8:45 a.m.

Science Highlights 4: Gynecological Cancer
9:00 a.m. – 9:30 a.m.

Wednesday, October 27

Science Highlights 5: Lung Cancer/Thoracic Malignancies
8:15 a.m. – 8:45 a.m.

Science Highlights 6: Genitourinary Cancer
9:00 a.m. – 9:30 a.m.

POSTERS AND SCIENTIFIC SESSIONS (cont'd)

DIGITAL XP (DXP) POSTER Q&A SESSIONS

Saturday, October 23

Digital XP Poster Q&A 01 **DXP** · 4:00 p.m. – 5:00 p.m.
DEI in Health Care, Health Services Research/Global
Oncology, Central Nervous System, Gynecological Cancer

Sunday, October 24

Digital XP Poster Q&A 02 **DXP** · 4:00 p.m. – 5:00 p.m.
Lung Cancer/Thoracic, Palliative Care, Professional
Development/Medical Education, PROs/QoL/
Survivorship, Pediatric, Nursing and Supportive Care

Monday, October 25

Digital XP Poster Q&A 03 **DXP** · 4:00 p.m. – 5:00 p.m.
Head and Neck Cancer, Radiation and Cancer Physics
(part 1 of 2), Digital Health Innovation and Informatics

Tuesday, October 26

Digital XP Poster Q&A 04 **DXP** · 4:00 p.m. – 5:00 p.m.
Genitourinary Cancer, Hematologic Malignancies,
Sarcoma and Cutaneous Tumors, Radiation and Cancer
Biology, Breast Cancer

Wednesday, October 27

Digital XP Poster Q&A 05 **DXP** · 4:00 p.m. – 5:00 p.m.
Radiation and Cancer Physics (part 2 of 2), Patient Safety,
Gastrointestinal Cancer, Nonmalignant Disease

ORAL SCIENTIFIC SESSIONS

There are 30 Oral Scientific Sessions, labeled as SS 01 – SS 30. These are 60- or 75-minute sessions where abstract presenters have up to 10 minutes to discuss their study. Oral Scientific Sessions are organized by disease site and include radiation physics, radiation biology, palliative care, patient reported outcomes/quality of life/survivorship, pediatrics and digital health innovation and informatics. New this year is the diversity, equity and inclusion in health care track with an oral session and a Science Highlights session. Oral Scientific Sessions are scheduled throughout the meeting and run concurrently with the other session types, such as Education and Panel sessions.

QUICK PITCH SCIENTIFIC SESSIONS

ASTRO is excited for the return of Quick Pitch Scientific Sessions, labeled as QP 01 – QP 18. These oral scientific presentation sessions are formatted with an introduction by the session moderator and short presentations by abstract presenters followed by a moderated Q&A between presenters and the audience, ending with a brief closing by the moderator. Abstract presentations will be quick — five minutes with five slides — including any important take-aways.

SMOKING

McCormick Place West is a nonsmoking facility.

WIRELESS INTERNET ACCESS

Complimentary wireless internet access is provided in all common areas, session rooms and the Exhibit Hall.



General Safety Tips for Travelers

All attendees are encouraged to follow general safety guidelines when traveling.

- Share your travel itinerary with someone you trust.
- Travel with a buddy throughout the city.
- Stay aware of your surroundings.
- Remove your Annual Meeting Badge when away from convention center.
- In case of emergency, dial 911. For McCormick Place security and First Aid, dial 312-791-6060 or extension 6060 from a house phone.

ZEN DEN

Room W180, Level 1

ASTRO is excited about the return of the Zen Den, with enhanced activities that promote well-being, work-life balance and stress management for developing habits toward a healthier lifestyle. Be sure to stop by the Zen Den, located in Room W180, to explore a variety of wellness resources that include testing essential oils, posture evaluation, stretching and relaxation techniques and much more.

Hours of operation:

Sunday, October 24	9:00 a.m. – 5:00 p.m.
Monday, October 25	9:00 a.m. – 5:00 p.m.
Tuesday, October 26	9:00 a.m. – 5:00 p.m.
Wednesday, October 27	9:00 a.m. – 4:00 p.m.

Health and Safety Protocols and Measures

ASTRO IS FACILITATING MEASURES that seek to ensure optimal health and sanitary conditions in all environments where in-person interactions take place during the 2021 ASTRO Annual Meeting. ASTRO is working with the city of Chicago and will follow or exceed all recommended Centers for Disease Control and Prevention (CDC) safety protocols and comply with all federal, state and city regulations. We will continue to closely monitor all guidelines and regulations and will update safety protocols as appropriate for the time of the event.

Our general safety and wellness measures include hand sanitizing stations, cleaning between sessions, wider Exhibit Hall aisles, more space and modified layouts where people gather, an on-site Health Room, enhanced cleaning protocols and daily health questionnaire.

Vaccination: All attendees and exhibitors are required to attest that they have been fully vaccinated against COVID-19 prior to their attendance. In cases where an attendee or exhibitor has a valid medical condition or religious exemption, a negative COVID-19 PCR test within 72 hours of arrival to the convention center will be required. Additional testing after arrival may be required.

Masks: All attendees and exhibitors will be required to wear a mask while in the convention center, Exhibit Hall and on ASTRO shuttle buses, except when eating or presenting. Attendees and exhibitors should bring their own masks. A limited number of masks will be available on site.

Cleaning: Scheduled, routine cleaning that includes frequently touched surfaces within the McCormick Place will take place throughout the day. Cleaning personnel will pay special attention to high touch points, such as wall handrails, door handles, step railings, escalator rails, trash/recycling containers, public space furniture and podium technology. Extended break times between sessions have been implemented to allow for meeting rooms and gathering spaces to be cleaned throughout the day. At the conclusion of each session, please promptly exit the meeting room so that the cleaning efforts may begin. Verbal and visual prompts will be given at the conclusion of each session.

Convention Center and Hotel Protocols: McCormick Place has received GBAC STAR™ Service accreditation from the Global Biorisk Advisory Council, a division of ISSA – the leading trade association for the cleaning industry worldwide. GBAC STAR accredited facilities have demonstrated that appropriate work practices and procedures are in place for cleaning, disinfecting and infection prevention. McCormick Place has also made several air quality improvements with regard to building intake/air change rates during event hours and ongoing replacing of HVAC air filters with efficient hospital grade rated filters.

ASTRO hotels have indicated they have implemented enhanced cleaning protocols to ensure a cleaner stay for guests. Learn more about your hotel's practices and cleaning initiatives with links from the Annual Meeting website or on the hotel's own website.

Parking, Taxi and Rideshare Protocols: New procedures have been implemented at McCormick Place for on-site parking, taxi, shuttle bus and rideshare services.

- Increased cleaning of on-site parking equipment, such as ticket machines.
- Dedicated transportation gates have been designated for shuttle bus, taxi and rideshare services. Drop off areas will be stationed with sufficient distance to assist with crowd control. Signs will be placed at gates to encourage physical distancing.
- ASTRO's shuttle bus service will seek to follow all CDC and federal, state and local recommendations regarding COVID-19 protocols in effect at the time of the meeting.

Attendees, staff, exhibitors, exhibitor appointed contractors, vendors and members of the labor force should stay home if they have tested positive for COVID-19, are waiting for their COVID-19 test results, have COVID-19 symptoms, or if they have been in close contact with a person who has tested positive for or who has symptoms of COVID-19.

ASTRO will continue to monitor federal, state and local recommendations and will update these protocols and measures as appropriate. See the most up-to-date information at www.astro.org/safety.

Hotel Map



HOTELS

1	Blackstone, The 636 South Michigan Avenue Chicago, IL 60605	\$291
2	Fairmont Chicago, Millennium Park 200 North Columbus Drive Chicago, IL 60601	\$289
3	Hampton Inn Chicago McCormick Place 123 East Cermak Street, Suite 100 Chicago, IL 60616	\$304
4	Hilton Chicago 720 South Michigan Avenue Chicago, IL 60605	\$297
5	Hilton Garden Inn Chicago McCormick Place 123 East Cermak Street, Suite 300 Chicago, IL 60616	\$301
6	Home2 Suites Chicago McCormick Place 123 East Cermak Street, Suite 200 Chicago, IL 60616	\$304
7	Hyatt Regency McCormick Place (HQ) 2233 South Dr. Martin Luther King, Jr. Drive Chicago, IL 60616	\$309
8	Marriott Marquis Chicago 2121 South Prairie Avenue Chicago, IL 60603	\$347
9	Swissôtel Chicago 323 East Upper Wacker Drive Chicago, IL 60601	\$285

Shuttle Service to McCormick Place West

This is preliminary information only, which is subject to change at any time without notice. Please refer to the Conference Planner at astro.org/conferenceplanner and sign in your hotel lobby for updated information.

Hours of Operation

Service will operate every 20 minutes.

Saturday, October 23	7:00 a.m. - 7:30 p.m.
Sunday, October 24	6:00 a.m. - 7:00 p.m.
Monday, October 25	7:00 a.m. - 7:30 p.m.
Tuesday, October 26	7:00 a.m. - 6:00 p.m.
Wednesday, October 27	7:00 a.m. - 5:00 p.m.

Hotels and Boarding Locations

All travel times are approximate pending time of day, day of week and traffic conditions.

Route	Hotel	Boarding Location at Hotel	Approximate one-way travel time
1	Blackstone, The	At Hilton Chicago	10-15 minutes
	Hilton Chicago	8th St. Entrance	
2	Fairmont Chicago, Millennium Park	Curbside on Columbus Dr.	15-25 minutes
	Swissôtel Chicago	At Hyatt Regency Chicago	
Walk	Hampton Inn Chicago McCormick Place	Hotels are located within walking distance of McCormick Place West.	
	Hilton Garden Inn Chicago McCormick Place		
	Home2 Suites Chicago McCormick Place		
	Hyatt Regency McCormick Place		
	Marriott Marquis Chicago		

Guests attending the ASRT Radiation Therapy Conference will have their own shuttle service provided by ASRT with service directly to McCormick Place South. Please be sure to look for the schedule from ASRT with information about the hours of operation and pickup locations.



Face Masks are required on the shuttle.

Funded in part by: **NANOBIOTIX**
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EXHIBITOR LIST

Current as of
August 26, 2021

Visit www.astro.org/ConferencePlanner for the most up-to-date exhibitor list.

- .decimal
- Acceletronics/RadParts
- **Accuray Incorporated**
- Adaptiv Medical Technologies Inc.
- Advanced Accelerator Application, Inc., A Novartis Company
- Advanced Radiation Therapy, LLC
- Akesis Inc.
- Aktina Medical Corporation
- Alpha Tau Medical LTD.
- American Association of Physicists in Medicine (AAPM)
- ASCO
- Ashland
- **AstraZeneca**
- Avante Health Solutions
- B dot Medical Inc.
- Bayer Healthcare
- Beijing HGPT Technology & Trade Co., Ltd
- BD
- Biocept, Inc.
- Bionix Radiation Therapy
- BioProtect Ltd.
- BK Medical
- Blue Earth Diagnostics, Inc.
- Boston Scientific
- **Brainlab**
- **Bristol Myers Squibb**
- C4 Imaging LLC
- Canon Medical Systems USA, Inc.
- Castle Biosciences, Inc.
- CDR Systems, Inc.
- Central Care, PA
- CIRS
- CIVCO Radiotherapy
- Cleveland Clinic Cancer Center
- Cooperative Brachytherapy (CoBra) Project
- C-RAD Inc.
- Decipher Biosciences
- Delta4 by ScandiDos
- DoseOptics, LLC
- DYN'R
- **Elekta**
- Elesta SpA
- Elsevier
- Everson Tesla Inc.
- FLASHKNIFF
- FUJIFILM Medical Systems USA, Inc.
- Galera Therapeutics, Inc.
- GE Healthcare
- Genentech
- GenesisCare
- Gold Anchor
- GT Medical Technologies, Inc.
- H&H Design-Build
- Hitachi, Ltd.
- IBA (Ion Beam Applications)
- Image Owl
- Imaging Technology News
- Infinitt North America
- IntraOp Medical Corporation
- Iron Medical Systems, Inc.
- IsoAid
- IsoRay Medical, Inc.
- KeraNetics, Inc.
- Klarity
- LAP Group
- Leo Cancer Care
- Limbus AI
- LinaTech, LLC
- Linbeck Group
- MacroMedics BV
- MagnetTx Oncology Solutions
- Mayo Clinic
- Medi Lazer
- **Mevion Medical Systems**
- Miaderm at Aiden Industries
- Micropos Medical AB
- MIM Software
- Mirada Medical
- Modus QA
- MVIision AI Oy
- Myriad Genetics
- Myriad Medical LLC
- Natera
- NavAxis, LLC
- Naveris, Inc.
- NELCO
- NeuroLogica
- **Novocure Inc.**
- Oncology Business Professionals
- Oncology Practice Solutions
- Oncospace
- Orfit Industries America
- Paid Up Financial Solutions LLC
- Palette Life Sciences
- Panacea Medical Technologies Inc.
- Par Scientific Aps
- Phantom Laboratory, The
- **Philips**
- PreludeDx
- Prowess, Inc.
- PTW North America Corporation
- Pymedix, Inc.
- Qfix
- Quantaras
- Quantek Systems
- Quest Healthcare, A Division of Quest Products, Inc.
- RAD Technology Medical Systems
- Radformation
- Radiation Business Solutions
- Radiation Oncology Institute (ROI)
- Radium Medical
- Radiological Imaging Technology - RIT
- Radiology Oncology Systems, Inc.
- **RaySearch Laboratories AB**
- **Reflexion**
- Rejùvaskin
- RENOVO SOLUTIONS
- Revenue Cycle Coding Strategies
- RS&A, Inc.
- RTsafe P.C.
- Seagen Inc.
- Shielding Construction Solutions, Inc.
- **Siemens Healthineers**
- SIT USA Inc.
- Siteman Cancer Center
- Sky Factory
- Society for Radiation Oncology Administrators (SROA)
- Spellman High Voltage Electronics Corporation
- Standard Imaging
- Stratpharma Switzerland
- Strontium89 (Q BioMed)
- Stryker
- Sumitomo Heavy Industries, Ltd.
- Sun Nuclear Corporation
- Suremark Company
- Tactile Medical
- TeamBest Global & Best Medical International
- Teledyne e2v
- The Ohio State University Medical Center - Department of Radiation Oncology
- Theragenics
- TheraPanacea
- Toshiba Energy Systems & Solutions Corporation
- trü Level Design & Construction
- TTG Imaging Solutions
- Ultimate Vitality
- Unlimited Systems
- **Varian Medical Systems**
- Veritas Medical Solutions
- Vertical, Ltd.
- Videra Surgical
- **ViewRay, Inc.**
- Vision RT
- Vysioneer Inc.
- Wolters Kluwer
- Xoft-a subsidiary of iCAD, Inc.
- Xstrahl
- ZEISS

ASTRO Ambassador members are listed in **bold**.

INDUSTRY SATELLITE SYMPOSIA

ASTRO has reviewed and approved these symposia for presentation. These symposia represent the content and views of the supporters and are not part of the official ASTRO Annual Meeting.

SUNDAY, OCTOBER 24, 2021

6:30 p.m. – 8:00 p.m.

Implementing Synergistic Multimodal Approaches with Tumor Treating Fields to Extend Survival in Aggressive Cancers

Venue Location: Hyatt Regency McCormick Place, Regency Ballroom A. Dinner will be provided.

Registration: For more information or to register for our live symposium in Chicago, please visit www.peerview.com/Chicago21-Live.

Not going to Chicago? Tune in to our live web broadcast instead! For more information or to register for our live web broadcast, please visit www.peerview.com/Chicago21-Virtual.

Accreditation: This activity will be planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the providership of Medical Learning Institute, Inc. Medical Learning Institute, Inc. is accredited by the ACCME to provide continuing medical education for physicians.

This activity is developed with our educational partner, PVI, PeerView Institute for Medical Education.

CME Credits: Medical Learning Institute, Inc. designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is supported by an educational grant from Novocure.

MONDAY, OCTOBER 25, 2021

6:30 p.m. – 8:30 p.m.

Next Generation PSMA-targeted PET Imaging in the Detection of Prostate Cancer and Impact on Patient Management

Venue Location: Hyatt Regency McCormick Place, Regency Ballroom AB. Dinner will be provided.

RSVP online: www.mycme.com/PSMA_TargetedProstateCancer or Toll Free: (877) 210-5355

Participants with Special Needs: If you require any special dietary or ADA accommodations, please contact Christie Kavanagh at 1-800-379-6048, ext. 4893.

Accreditation: This activity will be planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the providership of Haymarket Medical Education. Haymarket Medical Education is accredited by the ACCME to provide continuing medical education for physicians. Haymarket Medical Education designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity. In support of improving patient care, Haymarket Medical Education is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

This activity was planned by and for the healthcare team, and learners will receive 1.5 Interprofessional Continuing Education (IPCE) credits for learning and change.

CME Credits:

Physicians – Haymarket Medical Education designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses – This activity is awarded 1.5 contact hours.

This activity is supported through an educational grant from Lantheus Medical Imaging, Inc.



INDUSTRY-EXPERT THEATER

This activity allows companies to present their noteworthy new products and services through live presentations. Seating is available on a first-come, first-served basis. The IET content and views expressed therein are those of the companies and not of ASTRO. Lunch or other food and beverages may be provided by the companies, which may subject you to reporting under the Federal Sunshine Act (the Open Payments Program) or other state laws. Otherwise, food may be available for purchase prior to the start of an event in the concession area. **Theaters 1 and 2 are located in the Innovation Hub in the rear of the Exhibit Hall. The session room is located in the Hyatt Regency McCormick Place in the Jackson Park Room in the Hyatt Conference Center.**

SUNDAY, OCTOBER 24

<p>Theater 1, Innovation Hub 12:30 p.m. – 1:30 p.m. Blue Earth Diagnostics, Inc.</p> <p><i>The Role of PET in Post-Prostatectomy Radiotherapy</i> 855-298-6461 · bedus@blueearthdx.com</p>	<p>Theater 2, Innovation Hub 12:30 p.m. – 1:30 p.m. Novocure</p> <p><i>Transforming the Treatment Landscape with Tumor Treating Fields</i> Contact: Sharon Alincastre or Ankita Janakiraman 212-767-7546 or 212-767-7577 SAlincastre@novocure.com or ajanakiraman@novocure.com</p>
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MONDAY, OCTOBER 25

<p>Theater 1, Innovation Hub 10:15 a.m. – 11:15 a.m. Seagen</p> <p><i>TUKYSA® (tucatinib): Clinical Trial Data</i> Contact: Caitlin Nimmo 425-381-0328 · cnimmo@seagen.com</p>	<p>Theater 2, Innovation Hub 10:15 a.m. – 11:15 a.m. GT Medical Technologies, Inc.</p> <p><i>GammaTile Therapy: Brain Brachytherapy Powerfully Reimagined</i> Contact: Ashley Hupman 209-587-1590 · ahupman@gtmedtech.com</p>
<p>Session Room – Hyatt Regency McCormick Place – Jackson Park Room 10:15 a.m. – 11:15 a.m. Natera, Inc.</p> <p><i>Can a personalized MRD assay help clarify indeterminate scans?</i> Contact: Natera Representative 650-489-9050 · oncologymeeting@natera.com</p>	
<p>Theater 1, Innovation Hub 12:45 p.m. – 1:45 p.m. AstraZeneca</p> <p><i>Treatment in Unresectable Stage III Non-Small Cell Lung Cancer: Treatment for Unresectable Stage III NSCLC Following Concurrent Chemoradiation Therapy</i> Contact: Theresa Scampato 203-252-5458 · theresa@thelockwoodgrp.com</p>	<p>Theater 2, Innovation Hub 12:45 p.m. – 1:45 p.m. Boston Scientific</p> <p><i>How hydrogel spacing with SBRT, CT visibility and procedural excellence will impact the future of prostate cancer radiotherapy. Toward the next 150,000 patients treated with SpaceOAR™ Hydrogel.</i> Contact: Marisa Forsberg 612-819-5674 · Marisa.Forsberg@bsci.com</p>
<p>Session Room – Hyatt Regency McCormick Place – Jackson Park Room 12:45 p.m. – 1:45 p.m. ViewRay</p> <p><i>Presentation Title: TBD</i> Contact: Heather R. Schmidt 719-482-4856 · hschmidt@viewray.com</p>	
<p>Theater 1, Innovation Hub 2:45 p.m. – 3:45 p.m. TAE Life Sciences</p> <p><i>New era in biologically-targeted radiation therapy: Clinical Application and Technical Advancement in Boron Neutron Capture Therapy</i> Contact: Anna Theriault 925-532-9430 · atheriault@taelifesciences.com</p>	<p>Theater 2, Innovation Hub 2:45 p.m. – 3:45 p.m. Merck Healthcare KGaA, Darmstadt, Germany</p> <p><i>Opportunities in head and neck cancer: combining radiotherapy with IAPs</i> Contact: Satu Salmio +49.151.1454.0849 · satu.salmio@merckgroup.com</p>



TUESDAY, OCTOBER 26

Theater 1, Innovation Hub

10:15 a.m. – 11:15 a.m. | Naveris, Inc.

Clinical Evidence of Novel Blood Test for HPV-Driven Cancer Detection and Monitoring

Contact: Julie Dunn

919-906-3372 · jdunmeetings@gmail.com

Theater 1, Innovation Hub

12:15 p.m. – 1:15 p.m. | Accuray

Go ITV-free with Accuray

Contact: Sancier Nakarat

33.6.81.36.84.34 · snakar@accuray.com

Theater 2, Innovation Hub

12:15 p.m. – 1:15 p.m. | Canon Medical Systems, USA

*CT Simulation - Old News or Future Paradigm
Canon and RaySearch unite for the future of CT Sim*

Contact: Debbi Kemp

714-669-4190 · dkemp@us.medical.canon

Session Room – Hyatt Regency McCormick Place – Jackson Park Room

12:15 p.m. – 1:15 p.m. | Merck

Presentation Title: TBD

Contact: Robyn Zarkowski

215-514-0899 · robyn.zarkowski1@merck.com

MAIN STAGE PRESENTATIONS

Quality Surveillance in Radiation Oncology: Lessons Learnt from America's Largest Health Care System

Sunday, October 24 | 12:30 p.m. - 1:30 p.m.

The Veterans Health Administration's National Radiation Oncology Program established a quality surveillance program (VA-ROQS) evaluating its radiation oncology practices against evidence-based clinical performance measures established in partnership with ASTRO. This session will expound on how the VA-ROQS platform was developed and could be expanded to other health care systems; the process of defining evidence-based clinical performance measures for each disease sites in partnership with ASTRO; the development of radiotherapy workflow templates to abstract structured data automatically and the design and development of electronic infrastructure to give continuous feedback to providers and quality managers while opening doors for outcome research and decision support system in radiation oncology; strategies to expand the VA-ROQS quality measures to non-VA health care centers; and lessons learned from two years of the VA-ROQS program.

Practice Makes Perfect: How APEX accreditation puts quality and safety at the heart of patient-centered care

Sunday, October 24 | 2:30 p.m. - 3:30 p.m.

The panel will present, through storytelling and personal experience, a robust case for implementing ASTRO's APEX accreditation in radiation oncology practices. Panel members will share their own experience with the APEX program and how their daily practice and staff involvement have strengthened with accreditation, including observations of improved communication and workflow, experience transitioning from one accreditation program to another and the reaccreditation process.

Speakers:

- Jean L. Wright, Johns Hopkins Medicine, Department of Radiation Oncology
- Colleen A. Lawton, MD, FASTRO, Froedtert & the Medical College of Wisconsin Clinical Cancer Center, Department of Radiation Oncology
- Christin A. Knowlton, Yale University

The Future is Now: Safety and Quality for Real-time Adaptive RT

Monday, October 25 | 12:45 p.m. - 1:45 p.m.

This presentation, organized by ASTRO's Multidisciplinary Quality Assurance Subcommittee, will focus on understanding the process of successful delivery of online ART, and the appropriate staffing, resources and quality assurance (QA) infrastructure required for a safe program in an interactive format intended to bring the attendees into the discussion through small group discussions. Attendees do not need prior knowledge or utilization of ART.

Speakers:

- Raymond H. Mak, MD, Department of Radiation Oncology, Dana-Farber Cancer Institute and Brigham and Women's Hospital
- Bin Cai, PhD, Department of Radiation Oncology, UT Southwestern Medical Center

HyTEC: NTCP Overview and Representative Site-Specific Examples

Tuesday, October 26 | 12:15 p.m. - 1:15 p.m.

Now that the HyTEC full issue of the Red Journal is completing, this session summarizes and compares the Rubin and Casarett Textbook (1) dose constraint guidelines, the Emami Paper (2) and QUANTEC (3), to the updated estimates in the HyTEC effort for SRS/SRT. Radiation dose tolerance are presented for cranial CNS organs based on expert review and NTCP models. Two HyTEC papers that have not yet been presented at an ASTRO meeting will be detailed: Dose Tolerances of the Optic Pathways for Radiation-induced Optic Nerve/Chiasm Neuropathy, and Dose/Volume Tolerances of the Brain for Edema/Necrosis.

Limitations of the data and factors affecting outcomes are discussed to help gauge the relative certainty for clinical implementation. The session will also provide behind-the-scenes insights into data acquisition for the project, showing the full range of simple to advanced methods that can be utilized by authors to improve the quality of future data pooling efforts.



2021 ASTRO GOLD MEDAL RECIPIENTS

Trailblazers in radiation oncology awarded Society's most prestigious award

BY DIANE KEAN, COMMUNICATIONS MANAGER, ASTRO

EACH YEAR, ASTRO AWARDS ITS HIGHEST HONOR

to radiation oncologists who have made significant impacts to the field of radiation oncology. The ASTRO Gold Medal winners represent a select class of leaders who have contributed to the field through their clinical patient care, research, teaching, mentorship and service. Congratulations to the 2021 ASTRO Gold Medal recipients, Colleen A.F. Lawton, MD, FASTRO, and Lori J. Pierce, MD, FASTRO, who join the revered class in receiving ASTRO's highest honor.

"I am honored and thrilled to present the Gold Medal to two colleagues who have dedicated their careers to improving the lives of cancer patients and advancing the field of radiation oncology through their selfless commitment to collaboration and education at all levels, but especially their mentorship of residents and junior faculty," said ASTRO Chair Thomas Eichler, MD, FASTRO. "This award recognizes the profound impact of their life's work that goes well beyond the clinic and the lab, leaving a rich legacy that will resonate within the specialty forever."

Colleen A.F. Lawton, MD, FASTRO, is a professor and vice chair of the Department of Radiation Oncology at the Medical College of Wisconsin (MCW). A prominent teacher, mentor, researcher and leader, Dr. Lawton has spent her career in Milwaukee at the Medical College of Wisconsin, impacting the lives of countless cancer patients locally, nationally and internationally, thanks to the long-felt impacts of her research in prostate cancer and total body radiation therapy and her contributions to the field of radiation oncology and resident education.

Dr. Lawton received her undergraduate degree from Marquette University and her medical degree from the Medical College of Wisconsin, where she completed her internship and residency in radiation oncology. When she entered medical school, she was planning to become a general practitioner, but could not quite find her niche. It wasn't until her GYN rotation where she encountered a patient with cervix cancer being treated with radiation

that the interest formed. "It was exactly what I wanted, which was caring for patients, walking with them side by side over a period of time and yet still being able to use the physics, math and science background that I was good at. It fit for me," said Dr. Lawton.

After completing her residency in the late 1980s, Dr. Lawton joined the faculty at the Medical College of Wisconsin, where she has excelled. In 2002, Dr. Lawton became a tenured professor and in 2011 she was appointed vice chair of the department. Through the decades, she has focused her clinical research and care on two key areas: total body radiation therapy for stem cell transplant patients, and later, when an opportunity arose, pivoting to prostate cancer.

The research conducted on total body irradiation established treatments that are now widely used in bone marrow transplant programs. Dr. Lawton is credited with defining late renal toxicity in adults following total body irradiation and then designing selective renal shielding systems to eliminate that toxicity. Dr. Lawton's research in prostate cancer focused on organ-confined and lymph node positive stages. As stated by a peer, "Ask any resident what the numbers 85-31, 92-02, 94-10, 94-13 and 98-05 mean and they will tell you immediately that these are the RTOG studies that defined contemporary practice [in treating prostate cancer]." Dr. Lawton

led the development of the contouring atlas, with her GU radiation oncology colleagues, "to define the areas that you need to treat to properly radiate regional lymph nodes for high-risk prostate cancer." The atlas has been used in multiple clinical trials and has helped to prove that there is a survival benefit to treating the lymph nodes in post-operative patients. When discussing this research, Dr. Lawton reflected, "I can't understate how meaningful that work is to me. The advances we've made for prostate cancer patients, improving their lives and improving the quality of their lives through this work."

Dr. Lawton serves as a role model for many, "giving inspiration and a practical approach for excelling in the



field.” And this theme has been present in every stage of her career. Dr. Lawton served as the program director of the MCW Radiation Oncology Residency Program for 25 years and was instrumental in the creation of the Association for Directors of Radiation Oncology Programs (ADROP). She ran the in-training exam program through the ACR, encouraging leaders of the field to write questions for the exams, all to improve resident education. Dr. Lawton chaired the Radiation Oncology Resident Review Committee of the ACGME and was pivotal in building strong relationships between ASTRO and ARRO, encouraging residents to become more involved in their society. “Resident education is a really big deal to me. As time passes, these residents become colleagues, allowing me to mentor them further. I’ve thoroughly enjoyed every aspect of this, especially my mentoring of women,” said Dr. Lawton. She has been recognized for these efforts, including receiving ARRO’s Educator of the Year award and ABR’s Lifetime Service Award among many others.

Always with an eye to the future of the field, Dr. Lawton is also credited as leading the charge to create ASTRO’s research foundation, the Radiation Oncology Institute (ROI). Dr. Lawton was pivotal in growing the ROI from the ground up to raise money for radiation oncology research and has proudly served in various leadership roles within the ROI. She is the current vice president and next year will serve as president of the foundation. Under her guidance and leadership, the ROI has raised over \$16 million, securing funding for future research to advance the field. “Through the important fundraising work, the ROI allows us to invest in leaders for the future and research for the future that continues to improve the lives of our patients,” stated Dr. Lawton.

Dr. Lawton’s service to the profession and ASTRO, as well as many other professional societies, is unparalleled. As one letter of support stated, “She has given thousands of hours of voluntary time to almost every [ASTRO] committee...almost four dozen of them, and to multiple task forces.” From the Annual Meeting Program Committee, to founding ADROP and the ROI, Dr. Lawton’s impacts are felt in every aspect of the Society and field. From 2011-2014, she was elected and served as president-elect, president and chair of ASTRO and has been actively involved in committees ranging from finance to guidelines development. Dr. Lawton currently



serves as vice-chair of the Ethics Committee.

In addition to her contributions in research, her dedication to professional organizations and residents, Dr. Lawton has served as a beacon throughout her career for women in medicine. As noted in a letter of support, “...through her ability to organize, prioritize and prevail, she was a true role model in balancing life’s competing priorities and excelling in radiation oncology.”

“If you put your nose to the grindstone, work hard and do it in an honest, forthright way, you can do important things,” said Dr. Lawton. When reflecting on receiving the Gold Medal, Dr. Lawton said, “You can’t even believe you’ve won. It’s so overwhelming. It’s so humbling. It’s so wonderful. I don’t know what it’s like to win an Academy Award, but it’s probably a similar feeling. Incredible.”

Lori J. Pierce, MD, FASTRO, is a radiation oncologist, professor, researcher and vice provost for Academic and Faculty Affairs at the University of Michigan. Dr. Pierce has dedicated her career to improving the lives of women diagnosed with breast cancer and continues to raise the profile of radiation oncology with her internationally recognized research and active participation in the many professional societies to which she belongs.

Dr. Pierce received her undergraduate degree in biomedical engineering at the University of Pennsylvania and her medical degree from Duke University. Initially, Dr. Pierce was planning to go into radiology.

In her third year at Duke, Dr. Pierce chose to work on a research project in radiation oncology, the same year radiation oncology became its own department at Duke. During this year, while conducting research and observing in the clinic, Dr. Pierce decided to make the change to radiation oncology. She completed her internship at Thomas Jefferson University Hospital followed by residency at the University of Pennsylvania. After completion, Dr. Pierce joined the faculty at the University of Pennsylvania as an assistant professor. She was subsequently appointed as a senior investigator at the National Cancer Institute from 1990-1992 and then joined the University of Michigan School of Medicine as a research investigator and assistant professor. As she rose through the ranks, Dr. Pierce served as the residency program director and clinical division director in the late 1990s, teaching, training and mentoring the next generation of radiation oncologists. She was promoted to professor with tenure in 2004,

Continued on the following page

and in 2005, Dr. Pierce was appointed as vice provost for Academic and Faculty Affairs of the university — a position, many note, that few radiation oncologists have achieved.

Dr. Pierce is an internationally renowned expert in breast cancer treatment whose influential research has significantly changed breast conservation therapy and the treatment of node-positive breast cancer. Her focus on breast cancer came from multiple factors, including having an aunt who passed away from inflammatory breast cancer while Dr. Pierce was in medical school and working closely with mentors during residency, specifically Drs. Barbara Fowble and Larry Solin. But it was working with the patients themselves that most influenced her focus. “Cancer is a very emotional disease, particularly when it affects mothers, wives, sisters and daughters. I felt so fortunate to work alongside breast cancer patients and their families,” reflected Dr. Pierce.

Peers define Dr. Pierce’s research as having “changed the landscape for standards of care in the treatment of breast cancer.” Dr. Pierce focused on node-positive, left-sided breast cancer, particularly reducing potential toxicities of radiation to the heart by developing treatment techniques to minimize cardiac exposure. A second focus has been on the role of radiation in women who carry BRCA1 or 2 mutations. Dr. Pierce led a collaboration of investigators from the U.S., Canada, Europe and Australia to evaluate potential increases in toxicity among these patients, with results showing there was not an increase. Citing these findings, Dr. Pierce says, “I am particularly proud of these analyses because although they were retrospective, they have helped create a framework for conversations around local therapy as patients with either a BRCA1 or BRCA2 mutation consider their treatment options.”


Additionally, for more than a decade, Dr. Pierce has served as the director of the Michigan Radiation Oncology Quality Consortium (MROQC). This initiative, funded by Blue Cross Blue Shield of Michigan, has grown under Dr. Pierce’s leadership to comprise roughly two-thirds of radiation oncology practices across the state of Michigan. The consortium seeks to improve the quality of radiation delivered to cancer patients in the state of Michigan.

Dr. Pierce has served in countless leadership roles within ASTRO and other professional societies and last year was president and is currently chair of the board of the American Society for Clinical Oncology (ASCO).

She has received many prestigious awards and been recognized for her leadership, mentorship, contributions to women’s health and clinical care, including the Lifetime Achievement Award from the Sister’s Network, the AMA Women Physician Mentor Award, ARRO’s Teacher of the Year, ESTRO’s Travel Award, and the Susan G. Komen for the Cure Scholar. In 2018, she was elected as a member of the National Academy of Medicine, one of the highest honors in the field of medicine. In addition to her service to organizations within medicine, Dr. Pierce was recently recognized for her philanthropy outside the house of medicine with the United Way of Washtenaw County of Michigan’s Woman of the Year award.

Dr. Pierce’s lasting impacts include being a role model for many women and people of color within the broader field of oncology and academia. When she assumed the role of president of ASCO, Dr. Pierce’s theme for the year focused on equity of care, a topic chosen well before the pandemic and social unrest shook the world. Dr. Pierce had researched equity of health early on in her career, and it was the topic of one of her earliest published papers. Returning to this focus in 2020, through a larger platform and role within the field, brought it full circle. When discussing equity of care and an overall greater awareness of the social determinants of health and the programs that are being put in place to address these disparities, Dr. Pierce shares, “We’re at an important point where the world is now aware that the status quo is not acceptable. The public is demanding change. These changes won’t happen overnight, but I firmly believe that the needle is moving in the right direction.”

In listing her accomplishments and accolades, it would be remiss to not include her impact on the next generation of radiation oncologists. At every stage of her career, Dr. Pierce has dedicated time to mentoring residents. “One of the best parts of working in academics is working with and mentoring residents,” said Dr. Pierce. “They will become the next generation of researchers and community physicians who will shape the future of oncology.”

Dr. Pierce’s lasting legacy has touched countless patients, medical students, peers and colleagues. “Winning the Gold Medal means more than I can express. It is an amazing honor to be among the list of those who I’ve respected over the years and to be selected by my peers from the Society that nurtured me and my academic career.” 



The Gold Medal recipients will be honored in Chicago during the Awards Ceremony on Tuesday, October 26.



DOUGLAS EVANS, MD: The Epitome of Person-Centered Care

2021 Honorary Member

BY DORIANN GELLER, ASTRO COMMUNICATIONS

ASTRO HAS NAMED DOUGLAS EVANS, MD, chair of the Department of Surgery and Donald C. Ausman Family Foundation chair at the Medical College of Wisconsin and world-renowned pancreas cancer surgeon as the 2021 Honorary Member. This is the highest honor ASTRO bestows on cancer physicians and researchers who do not qualify for Active ASTRO membership.

Dr. Evans was quoted as saying that the inspiration for a career in medicine came to him late in college. “I really had not thought seriously about medicine. The goal was to graduate from college and to hope that an epiphany of sorts occurred to me during my senior year.” As a sophomore, he was elected to attend an introduction to medicine class that would have otherwise not been fully subscribed. “Just being in the hospital and working with someone who really loved his job so much... obviously liked seeing patients but really had an intellectual fascination with the science of medicine... I think that's probably what was so inspiring.”

Through the years, numerous people provided opportunities and further inspiration to him. One was Judson Randolph, MD, who in 1987 was a surgeon at Children's National Medical Center in Washington, D.C. The simple act of Dr. and Mrs. Randolph's showing interest in Dr. Evans and his family impressed him greatly. “He had talked about me at home because his wife knew that we had two daughters at the time... and then to have his wife ask me about my kids... it certainly was such an impactful rotation for me to get to know Dr.

Randolph. That opened my eyes to how great the field of medicine really can be.”

Dr. Evans's later interest in multidisciplinary approaches was fostered at MD Anderson Cancer Center in Houston. Interested in exploring neoadjuvant therapy for pancreas cancer, he felt strongly that radiation therapy was important along with surgery for local disease control. Dr. Evans is also a proponent of what he calls work-life integration, encompassing person-centered care — the theme, he mentioned, of this year's ASTRO Annual Meeting. “The paradigm of radiation therapy for operable pancreas cancer is exactly person centric. Because without radiation therapy, a percent of those patients will clearly have an increased risk for local recurrence.”

In our time together, Dr. Evans relayed many heart-warming and insightful life stories — about his daughters, baseball, and his mother-in-law, whom he and his family took care of in her last year of life, the experience of which informed his practice of providing patients with his personal cell phone number. These stories demonstrate Dr. Evans's commitment to person-centered care. “With regard to my general approach to medicine, maybe I can tell you another story.” Dr. Evans will be recognized during the Awards Ceremony on Tuesday, October 26. 🇺🇸

To read the complete interview, please visit www.astro.org/AMG21.

Congratulations!

The 2020 ASTRO Gold Medal Award recipients, Bruce Haffty, MD, FASTRO, and Brian O'Sullivan, MD, FASTRO, and 2020 Class of Fellows will be recognized during the Awards Ceremony on Tuesday, October 26, in Chicago.



Bruce Haffty, MD, FASTRO



Brian O'Sullivan, MD, FASTRO



2021 ASTRO GRANTS AND FELLOWSHIPS PROGRAM RECIPIENTS

THROUGH VALUED PARTNERSHIPS, ASTRO funds the scientific research of residents/fellows and early career investigators in alignment with our strategic goal to retain and foster the intellectual research talent currently entering the field of radiation oncology. Additionally, ASTRO has partnered over the last two years with industry collaborators for the ASTRO-Industry Radiation Oncology Research Training Fellowship Program. These fellowships provide unique opportunities for trainees to work directly in the industry settings for up to one year. ASTRO is committed to supporting the career development of junior researchers in radiation oncology, and we're also especially grateful for the many mentors who are instrumental in nurturing their career paths.

Join us in congratulating the 2021 ASTRO Grants and Fellowship recipients and their mentors!



2021 ASTRO Residents/Fellows in Radiation Oncology Seed Grant

Principal Investigator: Chidinma Anakwenze, MD, MPH

Mentors: Kathleen Schmeler, MD; Surbhi Grover, MD, MPH

Institution: University of Texas MD Anderson Cancer Center

Proposal Title: *Expanding the Role of Public-private Partnerships for Radiotherapy Acquisition in Nigeria*



2021 ASTRO Residents/Fellows in Radiation Oncology Biology Seed Grant

Principal Investigator: Diana Shi, MD

Mentors: William Kaelin Jr, MD; Daphne Haas-Kogan, MD, FASTRO; Samuel McBrayer, PhD

Institution: Dana-Farber Cancer Institute

Proposal Title: *Identifying Metabolic Drivers Controlling Cell State Transitions in Glioblastoma*



2021 ASTRO-AAPM Physics Residents/Postdoctoral Fellows Seed Grant

Principal Investigator: Devin Miles, PhD

Mentors: John Wong, PhD; Mohammad Rezaee, PhD

Institution: Johns Hopkins University School of Medicine

Proposal Title: *Proton FLASH Radiation Therapy of Uveal Melanoma: Design, Implementation and In vivo Validation*



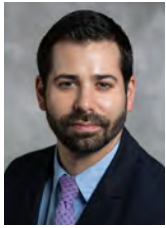
2021 ASTRO-BCRF Career Development Award to End Breast Cancer

Principal Investigator: Chelain Goodman, MD, PhD

Mentors: Wendy Woodward, MD, PhD, FASTRO; Anthony Lucci, MD

Institution: University of Texas MD Anderson Cancer Center

Proposal Title: *Circulating Tumor-derived Material as a Surrogate Biomarker for Radiotherapeutic Efficacy in Breast Cancer*



2021 ASTRO-MRA Young Investigator Award in Radiation Oncology

Principal Investigator: Zachary Buchwald, MD, PhD

Mentors: Rafi Ahmed, PhD; Walter Curran Jr., MD

Institution: Emory University

Proposal Title: *Enhancing an Abscopal Response by Elucidating the Role of Stem-like T-cells*



2021 ASTRO-PCF Career Development Award to End Prostate Cancer

Principal Investigator: Julian Hong, MD, MS

Mentors: Felix Feng, MD; Atul Butte, MD, PhD; Thomas Hope, MD

Institution: University of California, San Francisco

Proposal Title: *Artificial Intelligence Approaches for the Diagnosis and Treatment of Oligometastatic Prostate Cancer*



2021 ASTRO-AstraZeneca Radiation Oncology Research Training Fellowship

Fellow: Andrew Frankart, MD

Mentor: Vinita Takiar, MD, PhD

Institution: University of Cincinnati Medical Center



Fellow: Andrew Kopecky, MD, PhD

Mentors: Kathryn Huber, MD, PhD; David Mayhew, MD, PhD

Institution: Tufts Medical Center



2021 ASTRO-Varian Radiation Oncology Research Training Fellowship

Fellow: Simeng Zhu, MD

Mentor: Indrin Chetty, PhD, MS, FASTRO

Institution: Henry Ford Health System

ASTRO FELLOW

2021 CLASS OF ASTRO FELLOWS

CONGRATULATIONS!

TWENTY-EIGHT DISTINGUISHED MEMBERS of the American Society for Radiation Oncology (ASTRO) have been named Fellows of ASTRO. The ASTRO Fellow designation, or FASTRO, honors individuals who have contributed significantly to the Society through committee work, other volunteer service and to the field of radiation oncology in the areas of research, education, patient care or leadership. Active, International and Emeritus members are nominated for fellowship by current ASTRO Fellows and supported by leaders in the field.

ASTRO is proud to announce the 2021 Class of ASTRO Fellows:

- Gopal K. Bajaj, MD, MBA, Inova Schar Cancer Institute, Fairfax, Virginia
- James Michael Balter, PhD, University of Michigan, Ann Arbor, Michigan
- John Breneman, MD, University of Cincinnati, Cincinnati, Ohio
- Jay Burmeister, PhD, Karmanos Cancer Center, Wayne State University, Detroit, Michigan
- Yuhchyan Chen, MD, PhD, University of Rochester, Rochester, New York
- Bouthaina Shbib Dabaja, MD, The University of Texas MD Anderson Cancer Center, Houston, Texas
- Jun Deng, PhD, Yale University, New Haven, Connecticut
- Charles A. Enke, MD, University of Nebraska Medical Center, Omaha, Nebraska
- Eric Ford, PhD, University of Washington, Seattle, Washington
- Karyn A. Goodman, MD, MS, Icahn School of Medicine at Mount Sinai, New York, New York
- B. Ashleigh Guadagnolo, MD, MPH, The University of Texas MD Anderson Cancer Center, Houston, Texas
- Daniel A. Hamstra, MD, PhD, Baylor College of Medicine, Houston, Texas
- David Hodgson, MD, MPH, Princess Margaret Cancer Centre, Toronto, Ontario, Canada
- Salma K. Jabbour, MD, Rutgers Cancer Institute of New Jersey, New Brunswick, New Jersey
- Christopher Ryan Kelsey, MD, Duke University Medical Center, Durham, North Carolina
- John P. Kirkpatrick, MD, PhD, Duke Cancer Institute, Durham, North Carolina
- Billy W. Loo Jr., MD, PhD, Stanford University School of Medicine, Stanford, California
- Amit Maity, MD, PhD, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania
- Constantine Mantz, MD, Fort Myers, Florida
- Andrea K. Ng, MD, MPH, Dana-Farber Cancer Institute/Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts
- Zoubir Ouhib, MS, Boca Raton Regional Hospital, Delray Beach, Florida
- Adela Poitevin, MD, Medica Sur, Mexico City, Mexico
- Dirk Rades, MD, University of Lübeck, Lübeck, Germany
- Andrew L. Salner, MD, Hartford HealthCare, Hartford, Connecticut
- Michael Seider, MD, PhD, Wooster Cancer Treatment Center, Wooster, Ohio, and Salem Regional Medical Center, Salem, Ohio
- Charles R. Thomas Jr., MD, Geisel School of Medicine at Dartmouth, Norris Cotton Cancer Center, Lebanon, New Hampshire
- Neha Vapiwala, MD, University of Pennsylvania, Philadelphia, Pennsylvania
- Wendy Woodward, MD, PhD, The University of Texas MD Anderson Cancer Center, Houston, Texas 



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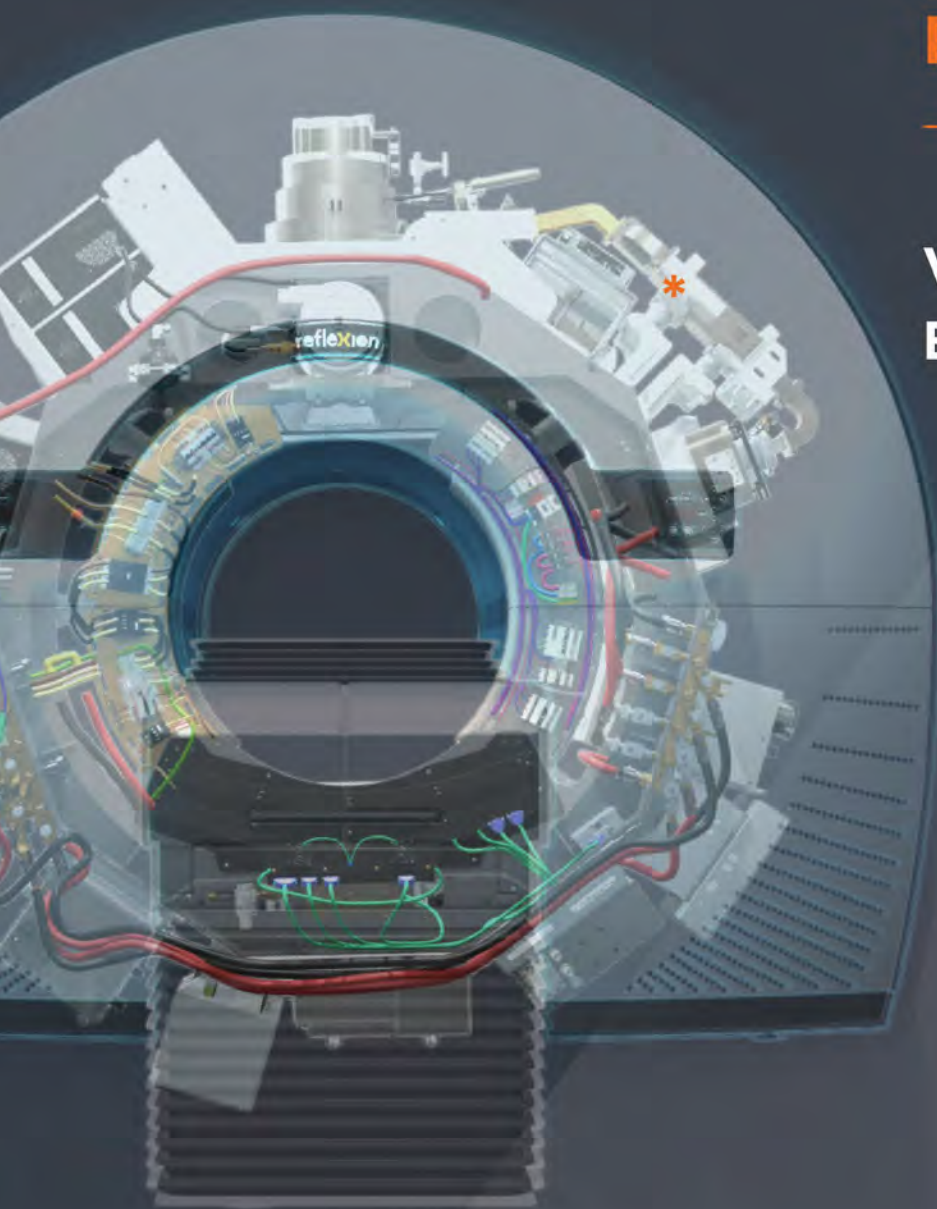
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