

ASTRO *news*

FALL 2020

YOUR GUIDE
TO THE ASTRO 2020 ANNUAL MEETING



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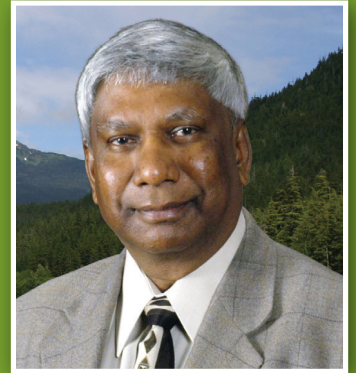
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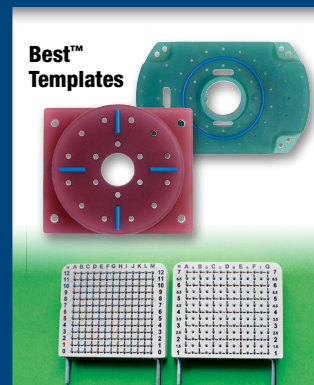
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Annual Meeting General Information

Learn more about this year's Annual Meeting.

Hypofractionated Radiotherapy?

Today and every day, the best treatment plans to improve cancer patient outcomes are everyone's top priority. When possible for select sites, hypofractionation, SBRT and SRS treatments are now more than ever being considered to improve patient setup and decrease patient visits. Reducing trips to the clinic minimizes exposure to threatening viruses, providing patients and clinicians a safer environment.

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ASTRO news

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- How codes for radiation oncology are developed.
- How to assign accurate coding to a clinical case study.
- How to apply coding for radiation oncology by modality.
- How ongoing changes in health care policy may affect coding and coverage.
- What health care reforms are on the horizon, and how they will affect RO reimbursement.

All seminar registrants will receive an electronic and print version of the 2021 ASTRO Coding Resource – a **\$1,000 value!**

Register now!

www.astro.org/codingseminar

**ASTRO Coding and
Coverage Seminar**



Editor's Notes

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

THE SHOW WILL GO ON

THE ASTRO ANNUAL MEETING IS USUALLY ABUNDANT WITH SIDE ATTRACTIONS, outside of the high-quality science and education that exemplify the event. We are spoiled for choice — there's the wonderful hospitality of the host city, networking with colleagues, award ceremonies that highlight the achievements of leading lights and emerging stars, alumni parties that allow us to reconnect with old friends, opportunities to explore career prospects and advancements, the latest and greatest in technology and innovation that the vendors have to offer and so much more. It's also the one time in the year that you get to meet your fellow volunteers in the many committees that are at the core of what ASTRO does.

But a 60 nanometer RNA virus has meant reimagining the Annual Meeting from the ground up. What ASTRO President Tom Eichler and the Annual Meeting team have come up with looks set to surpass all expectations, as you will read in this edition. The 2020 ASTRO Annual Meeting has a most timely theme — Global Oncology: Radiation Therapy in a Changing World. It will feature a complete Annual Meeting experience — from the Presidential Symposium to the Plenary Session and Clinical Trials, from educational and scientific sessions to an interactive Exhibit Hall, innovative networking opportunities and so much more. To address this unprecedented situation, Tom and his team have embarked upon a series of notable firsts in ASTRO history.

To start with, the Practical Radiation Oncology Program is open to all attendees this year. Moreover, for the first time ever, posters will be audio narrated to

help replicate the experience of an in-person session. In addition, Cancer Breakthroughs has been expanded to four sessions with outside organizations presenting the top research breakthroughs from their meetings. Among the many other firsts are Master Classes and Storytelling sessions, which I believe will help replicate the feel of an in-person conference. ASTRO has done all of this in the face of COVID-19 induced disarray. All those who took part in putting this event together have been unstinting in their hard work and dedication to make this event possible, and they have our deepest gratitude. I encourage you all to take the

time to go through this issue from cover to cover to get an idea of what's in store.

I would like to send congratulations to the 2020 ASTRO Gold Medalists: Bruce Haffty, MD, FASTRO, of Rutgers Cancer Institute of New Jersey, and Brian

O'Sullivan, MD, FASTRO, of Princess Margaret Hospital, University of Toronto. This highest honor is awarded to members who have made outstanding contributions to the field. Our two Gold Medalists are well known, and justly so, for their contributions to cancer research. We also celebrate the new class of ASTRO Fellows (page 52).

So, this year, sit back in the comfort of your home, put on those pajama pants, figure out a way to make your top half look professional (optional) and prepare to be teleported through the virtual doors of the Miami Beach Convention Center and immerse yourself in a world-class 2020 Annual Meeting experience. 🚪

“Prepare to be teleported through the virtual doors of the Miami Beach Convention Center and immerse yourself in a world-class 2020 Annual Meeting experience.”



Chair's Update

BY THEODORE L. DEWEESE, MD, FASTRO, CHAIR, BOARD OF DIRECTORS

A BRIGHT FUTURE LIES AHEAD

THERE IS CONCERN IN SOME CIRCLES that our field may be less attractive to medical students than it once was. This is disquieting, and we must understand why. Fortunately, our field has numerous features that should make it a career of choice for many medical students and with a high priority set on recruiting a diverse set of residents as a key strategy, we will make our field continually attractive and our future very bright.


We are a specialty that directly impacts patients at one of the most important points in their lives: when they are facing a life-threatening diagnosis. This attribute of our field is particularly attractive to those who seek to provide measurable, substantive care at a time when it is often most challenging but also most compelling. To do this well, comprehensive training is necessary, and few fields other than radiation oncology consistently require physicians to have a combination of broad specialty training and technical expertise, a full command of the literature and the ability to perform complex research. Radiation oncologists do all of these things while delivering empathetic, compassionate care and, together, we reflect the type of high-level professional training grounded in humanism that many students seek.

Indeed, I believe our field is rare in medicine today in that we continually perpetuate the value of a tripartite mission. A discovery mission: high-end research that is translated into the care of patients. A clinical mission: delivery of contemporary clinical care based on research. An educational mission: training students and residents in the most contemporary environments to deliver optimal patient care. This tripartite focus not only benefits patients but also makes us an attractive specialty to a broad range of medical students. We can and must do better at finding ways to introduce ourselves and our field to students in the early, formative years of medical school and allow them to experience all that we do.

Our patients also need us to be empathetic and compassionate and to know each of them as a person. We must see care through their eyes and meet them where they are in their life while we deliver the most contemporary care possible. This is our social contract. I believe the best way for us to fully deliver on this contract for the diverse groups of patients we see is to attract and recruit a diverse pool of students to our training programs. Abundant data

reveals that a more diverse trainee and faculty presence can enhance the learning environment of all students by providing a formative multicultural experience. Focusing on diverse resident recruitment strategies will have a continuously additive effect in making our field attractive to all students. This focus will help us develop a workforce better prepared to care for a growing diverse and underserved population of patients. If we concentrate on this opportunity and do the work necessary to understand why radiation oncology has historically failed to recruit even modest numbers of Black medical students and other students of underrepresented minorities in medicine and we take the steps necessary to correct those issues, our patients directly benefit, and we become even more attractive to students of all backgrounds.

To help address this recruiting challenge, the ASTRO Board of Directors formed a task force with representatives from CHEDI, SCAROP, ADROP, ARRO and the Board. We have just started to work on this critical issue and have much to learn and do to confront the embedded cultural and structural biases that are making us less competitive and less attractive to a diverse medical student group. We are all excited to begin this journey and are eager to develop a set of strategies and toolkits that training programs can employ in their resident recruitment efforts.

I remain as excited about radiation oncology and the students we recruit into our field as I have ever been. We are at the dawn of a new day for our field that is supported by the exploding research that continues to transform the care we deliver, the opportunities for our physicians to lead these advancements, the personal and long-lasting relationships we form with patients and the reality that we can do all of these things with a far more diverse set of faculty and resident physicians. But we must be intentional about this future, and we must act. We must all challenge ourselves to find solutions to enhancing diversity in radiation oncology. It is up to all of us to educate ourselves and our colleagues about this critical issue and to join the effort to attract and to encourage Black students and students from underrepresented groups in medicine to join our family. The health of our field — and that of our patients — is at stake. I am more than confident about our ability to meet this challenge, fulfill our responsibilities to society and to grasp the opportunities of this new day. 



President's Update

BY THOMAS J. EICHLER, MD, FASTRO, ASTRO PRESIDENT

WELCOME TO THE 2020 ANNUAL MEETING

THE ONLY PERSON WHO UNFAILINGLY REMEMBERS

the site of the ASTRO Annual Meeting is the host, that year's ASTRO President. That truism, however, will likely be challenged this year. I expect that an overwhelming majority of people will remember 2020 as the year we gathered nowhere...and everywhere. Welcome to the 62nd ASTRO Annual Meeting!

Over the past year, many of you have reached out to express excitement at the prospect of a meeting devoted to global oncology. The idea for this theme was first conveyed to me in 2018 by my good friend Dr. Jatinder Palta, who suggested that I should devote "my meeting" to global health, a topic never broached by any of my predecessors. I didn't give it much thought at the time; it was still two years in the future. Yet, the more I ruminated on the subject and began speaking with those individuals who had invested significant time and energy in this challenging niche, I became convinced that this was a golden opportunity to extend ASTRO's reach beyond its traditional borders. I enlisted the most experienced person I could find in the field: Dr. Norm Coleman. We met over coffee in Washington's Union Station in January 2019 and sketched out the broad outlines of what it was we wanted to achieve during the course of the meeting, as well as the broad strokes of the Presidential Symposium. Shortly thereafter, we invited Dr. Surbhi Grover to join our planning team. Over time, we recruited an all-star international faculty and created an innovative format for the symposium. The result is *Global Oncology: Radiation Therapy in a Changing World*.

This will be a comprehensive and immersive Annual Meeting — unlike any other you have attended. Sunday's Presidential Symposium will examine the diverse challenges of cancer management in low- and middle-income countries, the hurdles facing patients living in rural America and the inner city and how current scientific advances can be applied in these often-difficult environments. Later in the meeting, we'll discuss the effects that the coronavirus has had on our colleagues and patients with stories from the frontlines and the latest recommendations for your own practice.

There will be robust Plenary and Clinical Trials sessions with the latest science, a full program of education, scientific and cancer breakthrough sessions, plus a virtual poster hall where presenters will narrate their posters and field questions.

Keynote speakers have been selected with an eye on our global health theme and timely topics. The first Keynote Address will be delivered by Dr. Felicia Knaul, director of the University of Miami's Institute for Advanced Study of the Americas. She is an internationally renowned health economist and an expert in Latin American health systems. Our second Keynote speaker is Ibram X. Kendi, PhD, author of the bestselling book "How to Be an Antiracist." Dr. Kendi is the Andrew W. Mellon professor in Humanities at Boston University and the founding director of the Boston University Center for Antiracist Research.

ASTRO has invested in a versatile and robust customized platform for our Annual Meeting that will allow us to include Live sessions, pre-recorded with live chat Q&A (SimuLive) and onDemand presentations. We will also have breakout rooms for networking, chat rooms and live video demonstrations of the latest products and services from our exhibitors. You will be able to walk through the virtual Exhibit Hall and visit booths staffed with representatives from each company, so you can catch up on the latest in technology, innovation and patient care. And please take advantage of the full meeting being available for 30 days after the event, giving you access to more than 200 hours of CME opportunities, well beyond the usual max of 38 hours for a live meeting.

And so, my friends, while we all look forward to getting together again in person at some point, the 2020 Annual Meeting presents a unique opportunity to examine the emerging field of global oncology, as well as the latest science and practice trends in cancer treatment. I hope you will join me for this ground-breaking event for our specialty and connect with your colleagues in the U.S. and from around the world, all from the comfort of your home or office. Stay safe, be well! 🇺🇸



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SOCIETY NEWS

ASTRO Elects New Leadership for 2020-2021

FOUR NEW OFFICERS HAVE BEEN ELECTED to serve on ASTRO's Board of Directors. The new officers' terms will begin on October 27, 2020, during the ASTRO Annual Meeting. For more information, visit www.astro.org/elections.

The new members of the Board of Directors are:



PRESIDENT-ELECT

Geraldine Jacobson, MD, MBA, MPH, FASTRO
*West Virginia University School of Medicine,
Morgantown, West Virginia*



CLINICAL AFFAIRS AND QUALITY COUNCIL VICE-CHAIR

Eric Ford, PhD

University of Washington, Seattle



EDUCATION COUNCIL VICE-CHAIR

Beth Erickson, MD, FASTRO

Medical College of Wisconsin, Milwaukee



GOVERNMENT RELATIONS COUNCIL VICE-CHAIR

Gopal K. Bajaj, MD, MBA

*Inova Schar Cancer Institute,
Fairfax, Virginia*

The new Nominating Committee members are:

ACADEMIC PHYSICIAN - NOMINATING COMMITTEE

**Daphne Haas-Kogan, MD,
FASTRO**

*Brigham and Women's Hospital,
Dana-Farber Cancer Institute, Boston
Children's Hospital, Harvard Medical
School, Boston*

COMMUNITY PRACTICE PHYSICIAN - NOMINATING COMMITTEE

Stella Hetelekidis, MD

*Inova Schar Cancer Institute,
Fairfax, Virginia*

RADIOBIOLOGIST - NOMINATING COMMITTEE

Robert Griffin, PhD

*University of Arkansas for Medical
Sciences, Little Rock, Arkansas*

Connect on the ROhub Annual Meeting Community

THOSE OF YOU WHO HAVE ATTENDED ASTRO’s Annual Meeting within the past two years will be no strangers to ROhub, ASTRO’s official online community platform. When you register for the Annual Meeting, you automatically become part of this private community where you can engage with other attendees and faculty for the meeting. You can access the community through the daily digests you will receive via email, or directly by going to <http://rohub.astro.org> and signing in with your astro.org credentials.

The 2020 Annual Meeting community will focus on connecting attendees and presenters premeeting, as well as sharing important meeting updates and information. Attendees can network with colleagues using the community member list and the contact request feature. Presenters will utilize the community to gather questions before the meeting to incorporate into their presentations. Interacting with presenters and other attendees by posting or replying to existing discussion is simple. Further instructions on how to use ROhub can be found in the community library.



To ensure that you receive emails from the ROhub Annual Meeting Community, please be sure astro.org is whitelisted. Learn more about whitelisting at www.astro.org/whitelisting.

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



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Treasurer's Report

I am pleased to report that ASTRO successfully accomplished several initiatives in 2019. Among them was the Annual Meeting in Chicago where ASTRO introduced a new format for the Presidential Symposium, a new focus on wellness and an inspirational closing session — Cancer Breakthroughs, with takeaways from the major 2019 oncology meetings. The 2020 Annual Meeting is an enhanced, virtual educational experience with an interactive online format, and I look forward to seeing you all “virtually” at the meeting.

ASTRO continues to invest in programs for our members, including collaborating with industry and cancer foundations for research opportunities, advocating for high quality and enhanced access to care for cancer patients and offering continued educational and professional development opportunities to members.

ASTRO engaged Marcum, an independent auditor, to conduct an audit of ASTRO's 2019 financial statements. 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 2020.

Profit and loss statement

ASTRO generated \$20.8 million from operating income. Meeting registration revenue (including Annual Meeting at \$10.5 million) represented 57% or \$11.8 million; membership dues represented 19% or \$3.9 million; and journal subscription revenue represents 14% or \$2.8 million of the total 2019 operating revenue. With operating expenses of \$22.4 million, ASTRO posted a \$1.6 million 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 \$6 million, resulting in a net gain of \$4.1 million for the year.

Balance sheet

As of December 2019, ASTRO's net worth of \$31.4 million includes \$18.3 million or 57% of Board designated funds and is composed of \$42.8 million in assets and \$11.4 million in liabilities. As of December 31, ASTRO's long-term portfolio was valued at \$35.4 million, representing 83% of ASTRO's assets. At \$4.7 million, deferred revenue represents the largest component of liabilities, as ASTRO members and exhibitors continue to take advantage of the organization's prepaid membership dues and exhibit booth payment options.

The world faces unprecedented health and financial challenges, brought on by a coronavirus pandemic that has impacted us all. Although deeply challenging, this time has also showcased ASTRO's leadership and the strength of its member and industry relationships. In March, ASTRO quickly worked to shore up its revenue streams, reduce operating expenses and transition its programs and services to meet the needs of its members in this new environment. Although none of us predicted this unprecedented situation, ASTRO was prepared. The organization maintains a reserve policy to mitigate the impact of an unexpected economic crisis, ensuring that ASTRO continues to serve our members and cancer patients when they need us the most.

It has been my pleasure to serve as ASTRO's Secretary/Treasurer over the past three years, and I happily pass this honor on to Neha Vapiwala, MD, who will continue to monitor and ensure the financial health of ASTRO.

Geraldine Jacobson, MD, MBA, MPH, FASTRO

ASTRO Secretary/Treasurer

WELCOME TO THE 2020

ASTRO ANNUAL MEETING





A LOOK INSIDE

Since we can't travel to Miami in person, we are bringing Miami to you! Whether in your office, home, backyard, or wherever you plan to attend, you will enter the doors of the Miami Beach Convention Center virtually and be immersed in the interactive 2020 Annual Meeting.

From the outside of the Miami Beach Convention Center, you will first notice the impressive list of ASTRO Ambassadors. And on the next four pages, you'll get a look at the platform renderings of some of the main rooms and features, as well as tips on how to use the available tools to ensure the best experience for your Annual Meeting.

Welcome to the 2020 ASTRO Annual Meeting!

Continued on the following page



MAIN LOBBY

From the lobby, you will navigate to the main areas of the meeting, including the T.J. Eichler Theater, Networking Lounge, Exhibit Hall and Poster Hall. Here and in every room, you will also find your navigation menu bar across the bottom of the screen, which will house your meeting briefcase, quick access to the ASTRO Resource Center and the chat features.

Public chats are available in rooms, including the T. J. Eichler Theater, Poster Hall, ASTRO Resource Center, Networking Lounge and Exhibit Hall. Attendees can utilize the public chat to communicate with all attendees in the room at once. Private chat can be utilized for one-on-one or small group discussions and is accessible from the main navigation bar at the bottom of the screen.

T. J. EICHLER THEATER

Enter the T.J. Eichler Theater to attend the Presidential Symposium, Keynotes, Special Sessions, including ticketed events, and the full educational program. Education sessions, panels, joint sessions, the ARRO program for residents and more will be presented here.

NETWORKING LOUNGE

We understand the importance of networking at the Annual Meeting and are eager to provide as many opportunities and options as possible through the platform. The Networking Lounge offers public and private chat options as well as scheduled discussion topics and follow-up Q&A sessions for the educational and scientific programs, curated in advance to encourage dialogue and moderated discussions.

RO
MEETING

Poster Hall

T. J. Eichler
Theater

ASTRO
ANNUAL MEETING
2020

ASTRO

#ASTRO20



ASTRO RESOURCE CENTER NETWORKING LOUNGE ATTENDEES CHAT BRIEFCASE

EXHIBIT HALL

From the Main Lobby, and the navigation at the bottom of your screen, you can begin your visit to the Exhibit Hall. Turn the page to see an example of an exhibit booth and learn how you can interact with exhibiting companies.

ASTRO ATRIUM

The ASTRO Atrium serves as another gathering spot for attendees. From here, you can access the ASTRO Resource Center to seek help and information from ASTRO staff. In addition, for attendees looking for a break from the science and education at the meeting, the Zen Den offers a variety of resources and activities that promote health and well-being.

INNOVATION HUB

The Innovation Hub will highlight new technologies, digital health innovation and informatics, artificial intelligence, entrepreneurship and more. Here you will find the Industry-Expert Theaters and Industry Satellite Symposia and newly added Main Stage Presentations and 15-minute Lunchtime Product Demonstrations from featured exhibitors.

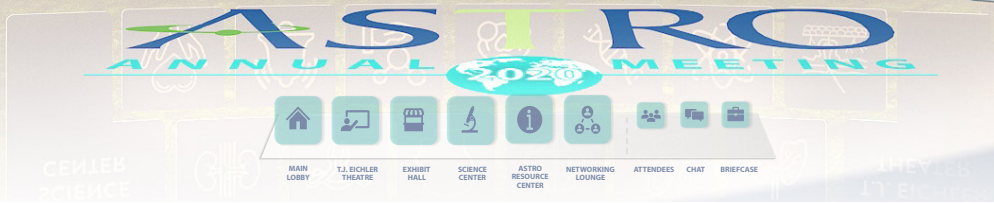
HELP DESK

If you have technical questions during the event you can click on Help Desk to get assistance by one of our experts. For ASTRO related questions, including Conference Planner and MyASTROApp questions, staff will be available in the ASTRO Resource Center.

Continued on the following page

POSTER HALL

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POSTER HALL

The Poster Hall is where you will find the more than 2,000 posters available for viewing. Authors are invited to record a five- to seven-minute narrative to present their poster. Using the icons, select the track of interest and listen to the narration and view the poster. While in the Poster Hall, you can chat with any poster presenter by finding them in the attendee list.

Scheduled Poster Q&A sessions are available by track and will provide the opportunity for live Q&A with presenters. You are encouraged to view posters ahead of time to prepare questions for the scheduled sessions.

SCIENCE CENTER

The Science Center houses the entire scientific program for the meeting from scientific sessions, to our new Quick Pitch Sessions. Here you will access the popular Science Highlights sessions, which have been expanded from six to 15 sessions. And, we added to the Cancer Breakthroughs sessions so that ASCO, AACR, AAPM, ASH, ESTRO, RRS and RSNA may share their most important science with our attendees.



PRODUCT SHOWCASE

Stop by the Product Showcase for your first look at some of the latest products in the industry. Attendees can click on a specific product to learn more and visit the exhibitor's booth for additional information.

Confirmed Participants Include*:

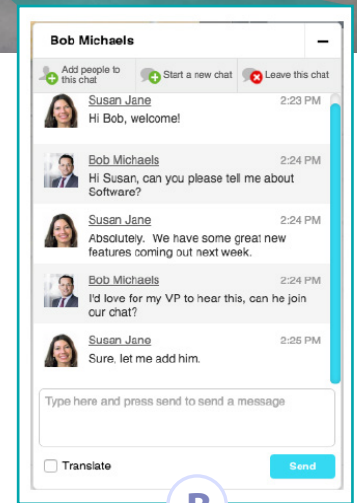
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- Blue Earth Diagnostics Inc.
- Boston Scientific
- Canon Medical Systems, USA
- CDR Systems Inc.
- GE Healthcare
- GT Medical Technologies, Inc
- Mevion Medical Systems
- MIM Software
- Sensus Healthcare
- Varian Medical Systems
- Vision RT

* As of August 29, 2020.



EXHIBIT HALL

Once you have entered the Exhibit Hall, you can browse through the entire hall to find companies or use the search feature to find a company by name or by their product or service categories. With more than 100 confirmed exhibitors, and access for 30 days, you will get the chance to visit and chat with booth representatives one-on-one or as a group, view product information, download marketing materials and even attend product demonstrations. Company representatives will be available Friday, October 23, through Thursday, October 29, from 10:00 a.m. to 5:00 p.m. Eastern time, however, you can visit the Exhibit Hall 24/7. You may continue to contact exhibitors through the platform throughout the 30 days after the meeting until Monday, November 30 and they will get back to you.



A

Exhibit Booth

This is a sample rendering of what an exhibit booth will look like. You can click the screens in the booth to learn more about the products and to contact a company representative. Each booth will be populated with curated content from the exhibiting company. Attendees can save booth content to their personal briefcase from the main navigation bar. From the briefcase, content can be easily shared with a colleague or downloaded and saved to your computer.

B

Chat Box

There are several options for holding a conversation with an exhibitor. Each booth will have multiple chat features for public group chat, one-on-one private chat or chat with a representative. The public chat feature will allow everyone within the booth at the same time to chat; the one-on-one private chat can be a separate private discussion with anyone in the booth; or the chat with a representative feature allows attendees to chat with staff from the exhibiting company. Chat can be translated into six languages: Chinese, French, Japanese, Korean, Portuguese, and Spanish. Attendees will also have the option to email booth representatives at any point.

A comprehensive User Guide will be available to attendees before the meeting.

RECOMMENDED SESSIONS

FROM ASTRO'S COMMITTEE ON
HEALTH EQUITY, DIVERSITY AND INCLUSION

ASTRO'S COMMITTEE ON HEALTH EQUITY, DIVERSITY AND INCLUSION (CHEDI) is proud to present several exciting and timely educational opportunities during the 2020 ASTRO Annual Meeting. This year's program will feature themes that will invoke introspection, discovery and discussion. We are very excited to listen to and learn from the Keynote address by Dr. Ibram X. Kendi, the author of "**How to Be an Antiracist**" (Monday, October 26 at 3:00 p.m. Eastern time). There are also other notable sessions we encourage you to view during the meeting:


- ST 01 - **Global and Domestic Prostate Cancer Disparities: Biology, Social Determinants and Other Factors**, Saturday, October 24 at 9:30 a.m. Eastern time
- QP 07 - **HSR/Global Oncology 1 - Global Oncology and Health Disparities**, Sunday, October 25 at 11:30 a.m. Eastern time
- Special Session 02 - **ASTRO/NCI Diversity Symposium: Mitigating Implicit Bias in Radiation Oncology**, Tuesday, October 27 at 12:30 p.m. Eastern time
- ST 05 - **Overcoming Barriers to Radiation Oncology Access in Low-resource Environments**, Tuesday, October 27 at 3:00 p.m. Eastern time
- ARRO Seminar 12 - **Diversity, Equity, Inclusion: Improving Cancer Care for All**, Wednesday, October 28 at 1:30 p.m. Eastern time

For the second year in a row, we are welcoming undergraduate and medical students underrepresented in medicine to learn more about radiation oncology and ASTRO through the **Aspiring Scientist and Physician Program**.

Please be sure to reach out and welcome our new class of protégés recently selected for the [ASTRO Leadership Pipeline Program](#):

- **Year One Protégés**
 - Dayssy Alexandra Diaz Pardo, MD, MS
 - Julianne M. Pollard-Larkin, PhD
 - Kosj Yamoah, MD, PhD
 - Debra Nana Yeboa, MD
- **Year Two Protégés**
 - Curtiland Deville, MD
 - Malika Siker, MD
 - Gita Suneja, MD, MS

Finally, please help spread the word to medical students underrepresented in medicine that applications for the 2021 Minority Summer Fellowship are due Friday, February 5, 2021.

Advancing a culture of anti-racism and inclusive excellence in radiation oncology where all individuals feel valued will foster a diverse workforce that will inevitably translate to significant improvements in health equity. We hope you join us in meaningful discussion during the 2020 Annual Meeting. 

NEW THIS YEAR

THERE IS SO MUCH NEW AT THIS YEAR'S ANNUAL MEETING, you won't want to miss a thing. And you don't have to, because all sessions will be available for 30 days following the meeting. Here are some highlights of what's new in 2020.

MASTER CLASSES

ASTRO has scheduled three Master Classes this year. The topics are radiopharmaceuticals, leadership and medical marijuana. Master Classes give you expert focus on topics of timely interest in a relaxed setting. Each Master Class is a Live event and has a separate registration fee.

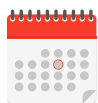
Radiopharmaceutical Therapy

\$150 – Members, Nonmembers

Free – Residents, Students

Many new radiopharmaceutical therapies (RPTs) are now approved and many others are emerging for treatment of prostate cancer, neuroendocrine cancers and other cancers. Radiation oncologists are experts regarding multidisciplinary cancer care and the benefits and risks associated with various cancer therapeutic options. Radiation oncologists are certified to deliver RPTs but many lack specific and updated training and therefore underutilize them.

This three-hour training course is designed to teach practitioners everything they need to know to expand their practice into radiopharmaceutical therapy. It will provide an introduction to RPTs, basics of physics and archaeology and in-depth practical training in Ra-223, Lu-DOTATATE and Lu-PSMA, including video/multimedia training. This special Master Class will enable radiation oncologists to provide the highest quality of patient-centered care in the use of RPTs.



The sessions are scheduled for Saturday, October 24, from 9:00 a.m. to 10:30 a.m. and 10:45 a.m. to 12:15 p.m. Eastern time.

Connect with attendees.

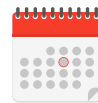


Tweet
#ASTRO20

Professional Development: Leadership and Emotionally Intelligent Communication

\$50 – Members, Nonmembers, Residents, Students

The rapid pace of changes in the health care system has led to increased stress and administrative burden, leading to the potential for increased dysfunction and communication breakdown in all aspects of working and professional relationships. Strong leadership skills help to maintain performance and morale. This three-hour workshop in two consecutive sessions will focus on how radiation oncologists can lead themselves and others to professional success with emphasis on how they can enhance their interpersonal communication skills. A diverse panel of radiation oncology leaders will share their experiences in dynamic Q&A sessions.

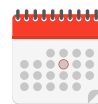


This workshop is scheduled for Sunday, October 25, from 1:00 p.m. to 2:30 p.m. and 2:45 p.m. to 4:15 p.m. Eastern time.

Cannabis in Cancer Care

\$100 – Members, Nonmembers, Residents, Students

This session includes discussion of the data suggesting that cannabis can increase the risk of cancer or, alternately, that cannabis has clinically significant anticancer activity. With medicinal and recreational cannabis becoming more widely available across the country, use among cancer patients continues to increase. A survey of oncologists suggested that, while cannabis might be a useful adjuvant to conventional cancer care, only a third of the respondents felt informed enough to guide their patients. In these two consecutive 90-minute sessions, you'll understand the history of cannabis as medicine through its current status as a Schedule I substance. The endocannabinoid system of cannabinoid receptors and endogenous cannabinoids will be described, and the known published therapeutic effects of cannabis and cannabinoids in patients with cancer will be reviewed. Cannabidiol (CBD) has emerged as a most favored cannabinoid because, unlike delta-9-tetrahydrocannabinol (THC), it is not psychoactive. Find out about the current CBD knowledgebase and learn more about the selective therapeutic benefits of various cannabis strains or ratios of THC:CBD.



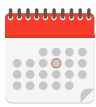
These sessions are scheduled for Monday, October 26, from 1:00 p.m. to 2:30 p.m. and 2:45 p.m. to 4:15 p.m. Eastern time.

Continued on the following page



PRO PROGRAM

The Practical Radiation Oncology (PRO) Program is a two-day program specifically designed for community practice radiation oncologists. Program content focuses on community practice and includes disease site reviews, case-based discussions, a coding update and a scientific overview. Unlike previous years, there is no ticketed event fee for the PRO Program. Any full conference attendee is welcome to attend!



PRO Program sessions are scheduled for Saturday, October 24, and Sunday, October 25, beginning with a welcome session each day at 8:00 a.m. Eastern time.

ZEN DEN

New this year, ASTRO presents the Zen Den. To promote well-being, work-life balance and combat burn out, the Zen Den will offer a variety of wellness resources for attendees. Be sure to stop by the Zen Den to learn about tips for stress management, view mindful meditation videos, and other resources that focus on stretching, relaxation techniques and habits you should build upon for a healthier life.




STORYTELLING

Everyone loves a good story! In these Live sessions, ASTRO members and experts in the field will share their experiences through the art of storytelling. Attendees will listen to interesting and compelling stories and interact with speakers in a more personal way. The program includes stories from ASTRO's Committee on Health Equity, Diversity and Inclusion, who will address disparities and access issues, and COVID-19 related stories on how radiation departments coped during the pandemic plus other timely topics.

Live Storytelling sessions are scheduled for:



- **Saturday, October 24, 9:00 a.m. – 10:30 a.m.**, on Global and Domestic Prostate Cancer Disparities
- **Sunday, October 25, 3:00 p.m. – 4:30 p.m.**, on Virtual Medical Education, U.S. Oncology Response to COVID-19, and Northern Italy's COVID Response
- **Tuesday, October 27, 3:00 p.m. – 4:30 p.m.**, on Overcoming Barriers to Radiation Oncology Access in Low-resource Environments
- **Tuesday, October 27, 10:30 a.m. – 12:00 p.m.**, on Radiation Oncology in the Time of COVID;
- **Wednesday, October 28, 9:00 a.m. – 10:00 a.m.**, will tell about ASTRO's COVID-19 Survey Results.

Members are invited to submit their stories on the ROhub to share with peers. Submissions may be considered for Annual Meeting presentations. 



ROhub
INTRODUCING **PEER-TO-PEER MATCH** FROM ASTRO!
Connecting radiation oncologists for peer review.
Visit rohub.astro.org for more information.

PRESIDENTIAL SYMPOSIUM PREVIEW

*A sneak peek into The Global Clinic:
Radiation Oncology in the 21st Century,
kicking off Sunday, October 25*

BY THOMAS J. EICHLER, MD, FASTRO, ASTRO PRESIDENT

AS MANY OF YOU KNOW, ONE OF MY

AVOCATIONS IS ACTING. The past 10 to 15 years have been busy, but I still managed to squeeze in multiple theatrical productions over that stretch of time. There are lots of moving parts in a show, but the one consistent requirement is timing: blocking, dialogue, entrances and exits — all require some sense of timing. I will be the first to admit, however, that the decision in 2018 to devote this year's Annual Meeting to global health — and then to have the script suddenly re-written to include a pandemic — can be chalked up to fate rather than excellent timing. Nevertheless, when opportunity knocks, we must be prepared to answer the call.

Global Oncology: Radiation Therapy in a Changing World will still attempt to fulfill its original goals — to educate as well as inspire — but with COVID-19 as a backdrop. The Presidential Symposium on Sunday, October 25, will be an in-depth assessment of the disparity in access to radiotherapy services in low- and middle-income countries (LMICs), including similar challenges for rural America and urban areas. Let's take a peek at what to expect.

I chose *The Global Clinic: Radiation Oncology in the 21st Century* as the title of the symposium and divided it into four one-hour segments, each progressively more granular. The program was developed by Dr. C. Norman Coleman, Dr. Surbhi Grover and me over the course of 18 months.

Our lead-off hitter for **Segment I, Strategic Initiatives**, will be 2018 ASTRO Gold Medal recipient Dr. David Jaffray, chief technology and digital officer at the University of Texas MD Anderson Cancer Center, who chaired the Global Task Force on Radiotherapy for Cancer Control in 2014 and co-authored the groundbreaking 2015 paper from the Lancet Oncology Commission, "Expanding Global

Access to Radiotherapy." Following Dr. Jaffray will be Dr. May Abdel-Wahab, director of the Department of Nuclear Sciences and Applications in the Division of Human Health at the International Atomic Energy Agency (IAEA) in Vienna, Austria, who will share long-term strategies of the IAEA and its interaction with stakeholders and organizations to coordinate planning and operationalizing. Bearing in mind that global is also local, our next two speakers will focus on the challenges of rural and urban radiotherapy practices in the U.S. Dr. Daniel Petereit, from Regional Health's John Vucurevich Cancer Care Institute in Rapid City, South Dakota, will discuss the impact of the Walking Forward campaign for improving cancer care among Native Americans. Our final speaker will be Dr. Cristiane Takita, from the University of Miami, who will focus on the unique issues of treating cancer in impoverished urban communities. Each talk will be 10 minutes in length with a 20-minute roundtable discussion, moderated by Dr. Jaffray, to follow.

Segment II, Clinical Challenges and Potential Solutions, will be a bit more granular and look at specific issues in low- and middle-income countries.

Dr. Surbhi Grover, from the University of Pennsylvania, has nearly 10 years of firsthand experience on global health issues working through Penn to establish a radiation oncology program in Botswana. She will begin by addressing the importance of research in the global setting and her own career pathway. She will be followed by Dr. Doug Lowy, chief of the NCI's Laboratory of Cellular Oncology and head of the Signaling and Oncogenesis Section, who will talk about his research on the human papilloma virus in the context of LMICs. He will be followed by Dr. Satish Gopal, a medical oncologist and epidemiologist, who recently joined the NCI as the director of the Center

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for Global Health. Dr. Gopal practiced in Malawi for several years and will discuss funding resources for global health initiatives. Our final speaker will be Dr. Thomas Purdie, a medical physicist at the Princess Margaret Cancer Centre at the University of Toronto. Dr. Purdie is the artificial intelligence (AI) editor for the Red Journal and will address the potential for AI, machine learning and deep learning in bridging disparities. Dr. Grover will moderate the discussion.

Segment III, Partners and Collaborators, will explore the various corporate, non-profit and clinical collaborators that will be necessary to achieve progress on the objectives and issues outlined in the previous two segments.


The first speaker will be Dr. Jim Cleary, director of Supportive Oncology at the Indiana University Simon Comprehensive Cancer Center, an Australian-trained medical oncologist and international expert in palliative care who has overseen the establishment of such programs in multiple countries over his long career. He will be followed by Dr. Jatinder Palta, a distinguished medical physicist and former ASTRO Board member, current AAPM Board member and chair of the Division of Medical Physics at Virginia Commonwealth University and chief physicist for the National Radiation Oncology Program Veterans Health Affairs. Dr. Palta will address global radiation oncology initiatives from both the physics and radiation vendors' standpoint. Our third speaker will be Dr. Bishal Gyawali, a medical oncologist at Queen's University Cancer Research Institute at Kingston, Ontario. Dr. Gyawali's clinical and research interests include cancer policy, global oncology and clinical trial methods, and he will discuss global health from the medical oncology perspective and his experience practicing in Nepal and Japan. The final speaker will be Dr. C. Norman Coleman, head of the Experimental Therapeutics Section of the Radiation Oncology Branch of the NCI. He has been a worldwide leader in global health and health disparities for decades and is the founder of the International Cancer Expert Corps (ICEC), a non-government organization, or NGO, which will be the topic of his remarks. Dr. Coleman will also moderate the discussion.

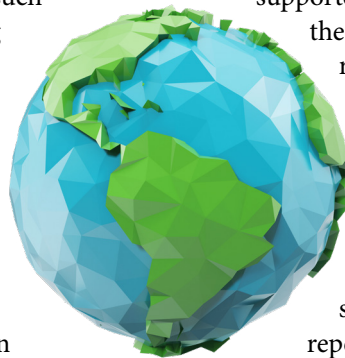
Segment IV, A Practical Roadmap for Action, is designed to answer the question that I hope, by now, attendees are asking themselves: How do I get involved?

Our first speaker is my good friend, Dr. Tim Williams, longtime global health advocate and former

ASTRO president and chair, who is in private practice at the South Florida Proton Therapy Institute in Delray Beach and will talk about how a private practitioner can impact global health. Next, Dr. James Metz, the chair of the Department of Radiation Oncology at the University of Pennsylvania, will talk about how students and faculty can enter the global health field and how an academic department can integrate global health into its program. Our third speaker will be Dr. Melody Xu, a freshly minted radiation oncology attending physician at UCSF, who was involved in global radiation oncology throughout her training and will explain how residents can follow her example. Finally, my counterpart and friend, Dr. Ben Slotman, professor and chair of the Department of Radiation Oncology at VUMC in Amsterdam, and current president of the European Society for Radiation Oncology (ESTRO), will address programs created and supported by ESTRO. Dr. Williams will moderate the discussion. At the conclusion of this last roundtable, I will return for some closing remarks.

If COVID-19 has taught us anything, it's how interconnected we all are, but also how the playing field remains uneven. The pandemic, like cancer, has disproportionately affected lower, poorer socioeconomic groups, a theme that has repeated itself throughout history. I mentioned being prepared when opportunity knocks. My friends, that pounding you hear is a moral opportunity on our doorstep, a call to action to help alleviate the suffering of those who, through no fault of their own, have been diagnosed with a very common disease: poverty.

My ask is quite simple: consider sharing your time, talent and treasure to improve the lives of those in dire need of help. We're not talking about throwing a lifeline. We're talking about methodically engaging in systemic change over the long term. A commitment to global oncology doesn't necessarily mean moving someplace far away or learning a new language. You could do that, but it could also be as simple as joining one of the numerous NGOs that would be thrilled with whatever time you can spare, or working with industry to find solutions to infrastructure issues or perhaps being a mentor to a colleague in another country. This is a chance for our specialty to make a real difference, to step into a leadership void and assert ourselves. I invite you to attend the Presidential Symposium at the risk of being inspired! Please join me! 





KEY SESSIONS AND HIGHLIGHTS OF THE ASTRO 2020 ANNUAL MEETING

THE COVID-19 PANDEMIC STOPPED THE WORLD in its tracks in many ways, but it didn't stop ASTRO's Annual Meeting Steering Committee from planning a world-class event. Shifting an in-person meeting to an immersive, interactive, engaging virtual event is no easy task, and this year's 62nd Annual Meeting is the virtual event not to miss!

You will experience and learn from the top science in radiation oncology and engage in educational sessions just as you would at ASTRO's in-person meetings. And, with 30 days to access the hundreds of sessions, you won't have to worry about choosing between competing timeslots, but you will need to plan your schedule to make sure you don't miss these special sessions and more from the meeting!

Keynote Addresses

Keynote I: Felicia Knaul, PhD, Global Health **Monday, October 26, 2020; 8:45 a.m. – 9:45 a.m.**

Felicia Knaul, PhD, is director of the Institute for Advanced Study of the Americas and a professor at the Department of Public Health Sciences at the Leonard M. Miller School of Medicine at the University of Miami. Dr. Knaul is an international health economist and expert in Latin American health systems and social sectors. Collaborating with faculty at Sylvester Comprehensive Cancer Center, Dr. Knaul contributes to research and teaching in cancer and global health as well as catalyzes the University's research presence throughout the Americas focusing on policy development. Dr. Knaul will speak about her extensive experience in the global health arena as well as potential solutions to the various hurdles encountered in implementing cancer screening, prevention and treatment programs in low- and middle-income countries.



Keynote II: Ibram X. Kendi, author of "How To Be an Antiracist" **Monday, October 26, 2020; 3:00 p.m. – 4:00 p.m.**

Ibram X. Kendi is a #1 New York Times bestselling author, National Book Award winner, professor of history and international studies, and the director of the Boston University Center for Antiracist Research. He is a contributing writer at The Atlantic, and a correspondent with CBS News. He is the author of four books including "Stamped from the Beginning: The Definitive History of Racist Ideas in America," which won National Book Award for Nonfiction, and the New York Times bestsellers "How to Be an Antiracist" and "Stamped: Racism, Antiracism, and You." His newest book, "Antiracist Baby," was published in June 2020. During this session radiation oncologist Curtiland Deville Jr., MD, will interview Professor Kendi about various issues related racial inequity, awareness through self-examination, and its relation to health care.



Continued on the following page

Cancer Breakthroughs: Takeaways from the Major Oncology Meetings of 2020

Saturday, October 24 – Tuesday, October 27

ASTRO debuted this session in Chicago last year, and this year we've reengineered it to bring you more exciting breakthroughs, over more days, from more societies. It is key to the field of oncology to collaborate and share information across all specialties, and we're excited to expand our list of organizations to share even more science to attendees. These presentations will be offered daily as live sessions during the scheduled times shown below and will be recorded for later viewing. Each session will showcase top studies from 2020.

Session 1	Saturday, October 24, 3:30 p.m.– 4:30 p.m.	AACR/RRS
Session 2	Sunday, October 25, 3:15 p.m.– 4:15 p.m.	ESTRO
Session 3	Monday, October 26, 12:00 p.m.– 1:00 p.m.	ASCO/ASH
Session 4	Tuesday, October 27, 1:45 p.m.– 2:45 p.m.	RSNA/AAPM

Posters with Author Narration

Poster presentations will be accessible on the meeting platform, as well as through the Conference Planner, MyASTROApp and the ASTRO website via the Virtual Poster Library. New for this year, we are introducing audio narration. Authors are invited to record a five- to seven-minute narration that will provide an overview of the study and explain each section of their poster. During scheduled times, attendees will also have the opportunity to ask poster presenters questions via live chat. Posters will be organized by track. View the Poster Q&A presentation schedule on page 35 for specific times.

Joint Sessions

Joint Session 01 SA-CME	American Association for the Study of Liver Diseases (AASLD) ASTRO Joint Session on the Multidisciplinary Management of Hepatocellular Carcinoma: Guidelines, Practicalities and a Tumor Board
Joint Session 02 ASCO/ASTRO	The Impact of Neoadjuvant Therapeutics on the Surgical, Medical Oncological and Irradiation Approaches to Breast Cancer Treatment
Joint Session 03	The Intersection of Public Health and Radiation Oncology: What Radiation Oncologists Should Know About the FDA
Joint Session 04 SA-CME	Geriatric Oncology: What Do Radiation Oncologists Need to Know

Special Sessions

Special Session 01	The Global Health Imperative: To Provide Radiation Therapy to Cancer Patients in Need Across Impoverished Regions of the World, with special guest bestselling author Mitch Albom
Special Session 02	ASTRO/NCI Diversity Symposium: Mitigating Implicit Bias in Radiation Oncology
Special Session 05	Speed Mentoring for Residents and Others Contemplating Transitions

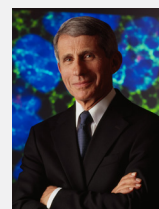
COVID-19 Special Session

The Pandemic's Impact on Physicians and Public Health Professionals

Wednesday, October 28, 2:30 p.m. – 3:30 p.m.

Join us for this special session on COVID-19 where we will explore the pandemic's impact on physicians, public health officials and other health care professionals. The session will feature several high-profile speakers including Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases, and Dr. Patrice Harris, a psychiatrist and immediate past president of the American Medical Association.

Moderated by Lisa Kachnic, MD, FASTRO, chair of Radiation Oncology at Columbia University and chair of the ASTRO Annual Meeting Scientific Committee, the session will include an update from Dr. Fauci on the current status of the virus and possible vaccines and a presentation from Dr. Harris addressing the sense of fear and loss that health professionals might be experiencing as well as suggestions on coping mechanisms as we move forward through this pandemic.

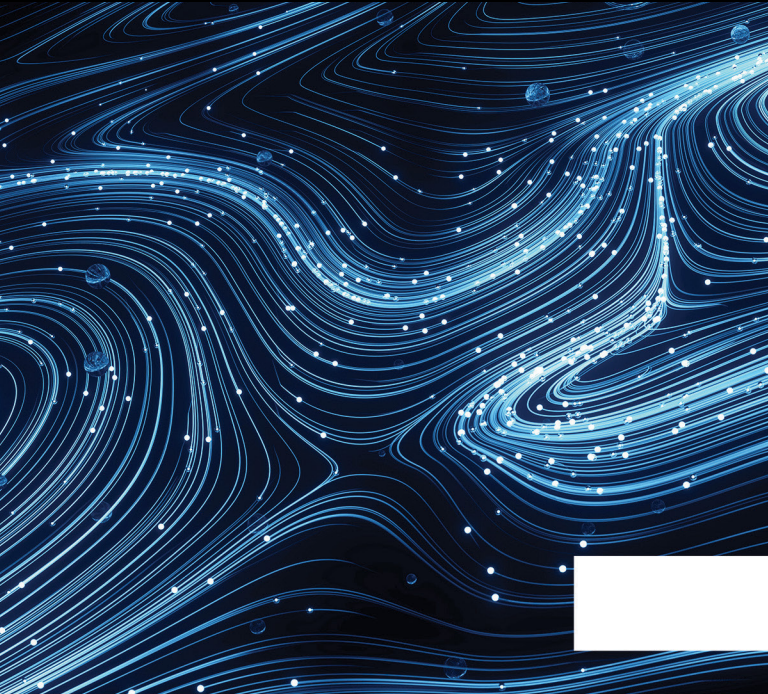


Live Sessions of Interest You Don't Want to Miss

Panel 02	Saturday, October 24 8:00 a.m.	A Roadmap for Recruiting Medical Students into Radiation Oncology During a Period of Waning Interest
EDU 06	Sunday, October 25 8:45 a.m.	High Yield Quality Assurance in Your Clinic: Keeping Clinic Safe for the Rest of Us
Panel 01	Sunday, October 25 10:30 a.m.	Quality Payment Program: RO Model and MIPS 2021
EDU 10	Monday, October 26 10:00 a.m.	2021 Radiation Oncology Coding and Coverage Update
Panel 15	Tuesday, October 27 4:30 p.m.	Funding Your Research: Successful Strategies and Potential Pitfalls

Challenging Cases Series

EDU 03 SA-CME	Saturday, October 24 11:00 a.m.	Difficult Cases in Breast Cancer
EDU 09 SA-CME	Sunday, October 25 1:15 p.m.	Controversies in Brain Metastasis Management: Interactive Case-Based Discussion
EDU 17	Monday, October 26 11:00 a.m.	Lung Cancer Difficult Cases: Thoracic Re-Treatment
EDU 11	Monday, October 26 10:30 a.m.	Challenging Cases in Head & Neck Cancer
EDU 04	Wednesday, October 28 1:00 p.m.	Challenging Cases in Uterine Cancer
EDU 29 SA-CME	Wednesday, October 28 3:45 p.m.	Controversies in the Management of Adult Sarcomas



Intelligent Cancer Care™

Cancer touches us all in one way or another. That's why every effort put into the fight must tear down the walls separating patient from progress with more intelligent ideas and answers. **Intelligent Cancer Care™** is building shorter paths from research to remission. Bridging the distance between Manhattan and Mozambique. Driving a direct link from high tech to high impact. And resolutely facing today's unique challenges by connecting us all through more intelligent solutions, data, and insights to deliver advanced care—ultimately helping us realize our vision of a world without fear of cancer.

We're all connected through Intelligent Cancer Care.

[Learn more at **varian.com/intelligence**](https://www.varian.com/intelligence)



SCIENTIFIC SESSIONS AT THE 62ND ANNUAL MEETING

BY LISA A. KACHNIC, MD, FASTRO, ANNUAL MEETING SCIENTIFIC COMMITTEE CHAIR

ASTRO HAS PLANNED A VERY SPECIAL 62ND ANNUAL MEETING THIS YEAR.

The meeting, Global Oncology: Radiation Therapy in a Changing World, will be bringing you the same great science that you have come to expect, but now with a very cool interactive virtual platform. There will be a full scientific program to include the Plenary, Clinical Trials and Late-breaking Abstracts sessions, as well as Science Highlights sessions for almost every disease site/track. Digital posters will have audio narration for the first time ever. The new Cancer Breakthroughs session has been expanded to four sessions and will offer the latest findings and top 2020 breakthroughs from our oncology partner organizations. Programming opens on October 24 and will be available for a full 30 days, giving you the opportunity to earn more CME than ever, with more than 200 credit hour opportunities.

The scientific sessions this year will feature more than 400 oral abstract presentations and over 2,000 digital posters covering all major disease sites, including physics, biology, palliative care and digital innovations. We'll also have late-breaking abstracts that will be collected just before the meeting to enhance the highest-level Plenary and Clinical Trials sessions, and a special late-breaking oral scientific session. Please note that abstracts are embargoed until the date and time of presentation; however, you may see the schedule in our Conference Planner and mobile app now.

We encourage you to build your schedule in advance using our robust Conference Planner. In order to get the maximum benefit of attending the meeting; find it online at www.astro.org/ConferencePlanner.

The Conference Planner will sync with the mobile app, so be sure to download the MyASTROApp available for iOS and Android. See page 37 for more information regarding the mobile app and Conference Planner. This will provide you a mobile option for accessing the meeting.

Media resources are available at www.astro.org/astro2020press, and attendee registration is available at www.astro.org/annualmeeting.

Although we may not have Miami, I am confident that our 62nd ASTRO Annual Meeting will be the best virtual experience of 2020. Here are some of the top-scoring abstracts that will be presented:

Supriya Chopra,
ACTREC, Tata Memorial Center, Mumbai, India

Phase III Randomized Trial of Postoperative Adjuvant Conventional Radiation (3DCRT) Versus Image Guided Intensity Modulated radiotherapy (IG-IMRT) in Cervical Cancer (PARCER): Final Analysis

Jeff Michalski,
Washington University in St. Louis

Impact of Molecular Subgroups on Outcomes Following Radiation Treatment Randomizations for Average Risk Medulloblastoma: A Planned Analysis of Children's Oncology Group (COG) ACNS0331

David Palma,
London Health Sciences Center

Stereotactic Ablative Radiotherapy for the Comprehensive Treatment of Oligometastatic Cancers: Long-Term Results of the SABR-COMET Randomized Trial

Juliane Hörner-Rieber,
Heidelberg University Hospital

First 2-year Results of the Multicenter, Randomized IMRT-MC2 Trial (MINT): Intensity-modulated Radiotherapy with Simultaneous Integrated Boost Versus 3-D-conformal Radiotherapy with Consecutive Boost for Breast Cancer Patients

Daniel Spratt,
University of Michigan

Relugolix, A Novel Oral GnRH Receptor Antagonist, Versus Leuprolide Depot for Prostate Cancer: The HERO Phase 3 Trial

Juanita Crook,
University of British Columbia, BC Cancer Agency

Salvage Low Dose Rate Prostate Brachytherapy: Clinical Outcomes of a Phase II Trial for Local Recurrence after External Beam Radiotherapy (NRG/RTOG -0526)

Feng-Ming Kong,
University Hospitals/Seidman Cancer Center and Case Comprehensive Cancer Center, Case Western Reserve University

RTOG0617 to Externally Validate Blood Cell ERCC1/2 Genotypic Signature as a Radiosensitivity Biomarker for both Tumor and Normal Tissue for Individualized Dose Prescription

LIVE SA-CME OFFERINGS

ASTRO WILL BE OFFERING live Self-Assessment CME (SA-CME) with 11 specially selected sessions as part of this year's Annual Meeting 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 their SA-CME certificates. Live SA-CME sessions are available for purchase for \$50 each now through the close of registration on October 28, 2020.

Eleven various Education, Panel, and Joint sessions have been selected:

- **EDU 03** – Difficult Cases in Breast Cancer
- **EDU 05** – Updates in Pediatric CNS Malignancies: Ependymoma, Germ Cell Tumors and Medulloblastoma
- **EDU 09** – Controversies in Brain Metastasis Management: Interactive Case-based Discussion
- **EDU 12** – Patient Reported Outcomes: Incorporation into Your Work Flow
- **EDU 14** – Combining Radiation and Immunotherapy for GU Malignancies: What Works, What Doesn't and What Next
- **EDU 21** – Hypofractionation for Head and Neck Cancer
- **EDU 29** – Controversies in the Management of Adult Sarcomas
- **Joint Session 01** – American Association for the Study of Liver Diseases (AASLD) — ASTRO Joint Session on the Multidisciplinary Management of Hepatocellular Carcinoma: Guidelines, Practicalities and a Tumor Board
- **Joint Session 04** – Geriatric Oncology: What Do Radiation Oncologists Need to Know
- **Panel 07** – New Patient-focused Paradigms in Gynecologic Cancer
- **PRO 08** – Prostate Cancer: Case Based Discussion

In line with this year's Annual Meeting virtual format, some SA-CME sessions are live, scheduled events, while others will be released onDemand. Be sure to check the schedule on the Conference Planner at www.astro.org/ConferencePlanner for dates and times of each session. Live SA-CME sessions will be available on the virtual platform until November 30, 2020, to view sessions and complete the assessment.

For more information about Annual Meeting SA-CME sessions, please visit www.astro.org/2020LiveSACME or contact Education@ASTRO.org. 



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LOOKING FOR TIMELY ONLINE LEARNING?

The ASTRO Academy features 24/7 access to educational content on your PC, tablet or smart phone. Enhanced navigation and a streamlined activity process make it quicker and easier to find your courses and certificates.

- Over 140 activities with SA-CME and/or CME content covering over 16 categories
- Improved shopping experience
- Access to your MOC transcript
- New content continually being added
- Streamlined, user-friendly interface



ARRO EXECUTIVE COMMITTEE AT 2019 ANNUAL MEETING

ARRO ANNUAL SEMINAR TRANSFORMED TO DYNAMIC AND ENGAGING VIRTUAL SESSIONS

BY SHAUNA R. CAMPBELL, DO, ARRO EXECUTIVE COMMITTEE CHAIR,
ON BEHALF OF THE ARRO EXECUTIVE COMMITTEE

THE ASSOCIATION OF RESIDENTS IN RADIATION ONCOLOGY (ARRO) EXECUTIVE COMMITTEE

is excited to announce the ARRO Annual Seminar, scheduled during the 62nd ASTRO Annual Meeting. This year's ARRO Annual Seminar has been adapted to a new virtual format, and with this flexibility, we have expanded the programming tailored to residents. This year, the ARRO Annual Seminar will take place from Sunday, October 25, through Wednesday, October 28, with dynamic and engaging sessions offered daily. Also new this year, the ARRO Annual Seminar will be included in the standard Annual Meeting registration and will be available for all to attend.

The ARRO Annual Seminar will kick off on Sunday with one of the most discussed topics in radiation oncology: the job search. Beth Beadle, MD, will discuss initiating the job search and important tips for successful interviews. Specifically, Dr. Beadle will discuss how residents can leave the best impression in virtual interviews, as COVID-19 is likely to result in decreased travel for this year's job search. Following this, Lisa Kachnic, MD, FASTRO, will moderate the annual job search panel where early-career physicians will address residents' top questions pertaining to the job search. This panel is one of the most valued sessions for senior residents, and this year will be no exception. The day will wrap up with an interactive session where presentations from ASTRO Chair Theodore DeWeese, MD, FASTRO, and radiation oncology mentor extraordinaire, Charles R. Thomas Jr., MD, will discuss the value of networking and mentorship for radiation oncology residents. The presentations will take place between breakout sessions, where residents will have time to converse in a small

group setting with practicing physicians from academic, community and private practice radiation oncology.

Monday will begin with the results of the ARRO survey on educational resources in radiation oncology programs by Chelain Goodman, MD, PhD. The results of this survey will help inform residents and programs about commonly provided educational resources in addition to median program characteristics including funding, research time, clinical rotations and more. Monday will also feature Keynote speaker John Suh, MD, FASTRO, who will share what he has learned on his leadership journey and discuss how residents can become effective leaders. Monday will close with a panel discussion, Preserving Radiation Oncology by Investing in Training, moderated by Rahul Tendulkar, MD. We are excited to welcome this panel of leaders in radiation oncology including Neha Vapiwala, MD, Emma Fields, MD, Louis Potters, MD, FASTRO, and Daniel Petereit, MD, FASTRO, to learn how by working together we can improve the future of radiation oncology training.

Tuesday's program will be another do not miss for senior residents. Kyle Russo, MD, will begin the day with an introduction to financial planning for the new physician. This will be followed by a session led by Amar Rewari, MD, MBA, who will educate residents about private practice radiation oncology, including practice valuation and how to present yourself as a well-qualified private practice candidate. The annual Practice Entry Survey was updated this year to the Graduating Resident Survey — with a response rate of over 90%. Terry Wall, MD, JD, FASTRO, will present the much anticipated results of this survey, including resident satisfaction with their accepted position, the effect of COVID-19

on offers and contracts, salary information and much more. To help us understand the results of this survey, especially in the context of job market concerns, Trevor Royce, MD, MS, MPH, will present a discussion of the Graduating Resident Survey results.

Wednesday will continue the momentum as the ARRO Annual Seminar wraps up with a day dedicated to global health, diversity, equity and inclusion in radiation oncology. This year's global health award recipients, Mutlay Sayan, MD, Ankit Agarwal, MD, MBA, and Joshua Rodriguez-Lopez, MD, will highlight the international work they completed using their award. This will be followed by a panel of radiation oncology global health experts who will discuss why global health in radiation oncology is important, how they became involved in global health and advice for residents interested in getting involved, both locally and abroad. The ARRO Annual Seminar will wrap up with a session dedicated to addressing diversity, equity and inclusion in radiation oncology.

The ARRO Executive Committee is excited to take advantage of this year's virtual meeting format and offer expanded content for the ARRO Annual Seminar. We hope you can join us for these events designed for residents attending the ASTRO Annual Meeting. [A](#)

JOB SEARCH PANEL

- Stephanie Rice, MD, Upstate Cancer Center, Syracuse, New York
- Matthew Ward, MD, Southeast Radiation Oncology Group, Charlotte, North Carolina
- Aaron Grossberg, MD, PhD, Oregon Health and Science University, Portland, Oregon
- Chirayu Patel, MD, MPH, Massachusetts General Hospital, Boston
- Cindy Ko, MD, Kaiser Permanente, Los Angeles

GLOBAL HEALTH PANEL

- C. Norman Coleman, MD, FASTRO
- Shekinah Elmore, MD, MPH
- Surbi Grover, MD, MPH
- Kosj Yamoah, MD, PhD
- Daniel Petereit, MD, FASTRO

The ARRO Seminar is funded in part by Novocure.

ASTRO

ANNUAL MEETING



OCTOBER 25-28

THE ASTRO ONLINE ANNUAL MEETING CAREER FAIR

Matching employers with qualified candidates!

- Customized to highlight open positions with employers looking to interview qualified candidates.
- Allows job seekers to apply and flag their resumes to show they're available for interviews during the meeting.
- Connects employers with job seekers through the Annual Meeting platform chat feature or the ROhub Annual Meeting Community.

Connect with attendees.



**Tweet
#ASTRO20**



INCREASING DIVERSITY AND INCLUSION IN RADIATION ONCOLOGY

ROI research improves patient experience and outcomes

BY JANET L. HEDRICK, DIRECTOR OF DEVELOPMENT, ROI

VISIT THE ROI VIRTUAL BOOTH to learn about the research selected for funding in 2020. The research grants awarded this year will be highlighted at the ROI booth in the virtual Exhibit Hall during the ASTRO Annual Meeting.

The ROI awarded more than \$200,000 in grants to four outstanding teams of researchers working to enhance diversity and inclusion in radiation oncology. These award winners were selected from a competitive field of applicants who proposed projects to address the need to improve health equity in patient care and the radiation oncology workforce. The topic this year aligns with the Core Values of ASTRO and its members.

The projects selected for funding include the development of a grading system for assessing acute radiation skin toxicity across a range of skin tones; a program to recruit more underrepresented minority students into radiation oncology; the creation of a value-based model for cancer care delivery in the federal prison system; and an evaluation of disparities in oncology care among the LGBTQ+ community.

At the ROI booth, you can view videos of this year's grant recipients and learn about other researchers who have received ongoing support from the ROI. In addition, Board members and ROI staff also will be at the booth to talk with you during your visit. If you are interested in applying for funding from the ROI, the new request for proposals, "Biomarkers for Radiation Oncology," will be available. You can also find out who will be honored with the 2020 ROI Publication Award at the booth as well as learn about the update of the RadOnc Toolbox app, which now features the ASTRO Clinical Practice Guidelines.


The ROI relies on the generosity of its supporters and will proudly recognize them at the booth, including lists of members of the Founders' Circle, the President's Circle in 2019 and 2020, the Legacy Circle and the

Sustainers' Circle, along with donors of \$100 or more in 2020. The members of the new Corporate Research Forum will also be acknowledged at the booth. This group of supporting companies provided input on the topic for the new RFP, an example of how the ROI has long fostered collaboration with industry to advance the field of radiation oncology.

The ROI is pleased to welcome back Russell LaGreca, CFP, CIMA, CRPS, who will present a program on financial planning for ASTRO Annual Meeting attendees. The session will be pre-recorded and available onDemand during the Annual Meeting and 30 days following until November 30. Mr. LaGreca will also be available by appointment at the ROI booth to speak with individuals who have questions.

You can join with your colleagues in supporting ROI research, which seeks to improve outcomes for patients by providing solutions for some of radiation oncology's most pressing and practical needs. At the ROI booth, you can learn from others about the importance of the ROI mission and make your tax-deductible contribution to the ROI.

You can also be among the first to participate in the ROI Legacy Challenge. Tim Guertin, a former ROI Trustee, has made a gift of \$25,000 for the Legacy Challenge this year to encourage others to include the ROI in their estate plans. If you confirm in writing that you have provided for the ROI in your will or in other estate planning, a \$2,500 portion of that gift will be designated in your honor. The Legacy Challenge is kicking off at the ASTRO Annual Meeting, and you can make your commitment at the ROI booth. You will also become a member of a special recognition group, the Legacy Circle.

A visit to the ROI virtual booth promises to enlighten and to excite you about the Radiation Oncology Institute, ASTRO's — and your — Research Foundation. 

GENERAL INFORMATION

ANNUAL MEETING PROGRAM INFORMATION

The 2020 ASTRO Annual Meeting has transitioned from a live meeting to an enhanced virtual educational experience. The meeting will include all of the programming you are accustomed to, only this year, it will be in an interactive online format, including a robust educational and scientific program with more than 200 sessions and 2,500 abstracts, opportunities for SA-CME, a Poster Hall with narration from poster presenters and more than 200 hours of CME opportunities available.

Attendees will gain early access to the platform on Thursday, October 22. During this soft opening, you can familiarize yourself with the platform, including visiting the Exhibit Hall, which opens on Friday, October 23 at 10:00 a.m. Programming begins on Saturday, October 24, with the official start of the meeting kicking off on Sunday, October 25, and continuing through Wednesday, October 28. As a special bonus, additional programming has been extended through Thursday, October 29, to allow even more opportunity to interact and network with colleagues, faculty and exhibitors. Additionally, content will be available for 30 days, until November 30, to ensure you have access to all the presentations, materials and CME opportunities.

ASTRO REGISTRATION CENTER

Registration is open until 11:59 p.m. Eastern time on Thursday, October 29 at www.astro.org. Customer service representatives are available to provide help to those having any issues with registering online. The registration call center is open Monday through Friday, 8:30 a.m. to 5:00 p.m. Eastern time. You can reach the ASTRO Registration Center by phone at 1-800-541-6058 or 571-549-4534, by fax at 703-574-8332 or by email: astroregistration@spargoinc.com.

ABSTRACTS AND EMBARGO POLICY

All abstracts to be presented at ASTRO's Annual Meeting are 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.



ASTRO ANNUAL MEETING CAREER FAIR

The ASTRO Annual Meeting is a great place for potential employers and job seekers to meet up using the online ASTRO Annual Meeting Career Center, customized to identify open positions for which employers are looking to interview interested applicants during the Annual Meeting. Job seekers attending the Annual Meeting can apply for open positions on the Career Center and can flag their resumes to let employers know they will be available for interviews during the meeting. Employers can connect with job seekers during the meeting by using the chat function on the Annual Meeting platform or messaging them directly from the ROhub Annual Meeting Community. Interviews should be conducted using the employer's preferred communication vehicle.



Unless otherwise noted, scheduled event times are in Eastern time.

ASTRO RESOURCE CENTER

Visit the ASTRO Resource Center in the meeting platform for helpful information that will enhance your experience as an attendee and as a member.

- This serves as our **Ask ASTRO booth**, where you can ask staff questions regarding membership, receive technical assistance with the mobile app or Conference Planner and more.
- Here's where you'll find **CE Central** and all you need to know about continuing education and maintenance of certification (MOC) requirements. Learn about the ASTRO Academy, how to evaluate the meeting, claim credits and obtain a certificate of attendance.
- Learn about **ASTRO's political action committee (PAC)** and how you can more fully participate in the political process. Get the most recent legislative updates and ensure radiation oncologists' voices are heard by key policymakers on Capitol Hill. For more information, visit www.astro.org/astropac.
- Discover timely information about ASTRO's quality programs: **APEx®** and **RO-ILS®**. Whether you are just beginning or currently working on implementing a plan, ASTRO has resources to help. For individualized assistance, we recommend emailing apexsupport@astro.org and roils@astro.org.
- Join ASTRO staff to learn about the latest updates concerning the **Radiation Oncology Alternative Payment Model** and the **Merit-based Incentive Payment System (MIPS)**. Contact mips@astro.org for one-on-one assistance.

EXHIBIT HALL

Our highly interactive and engaging Exhibit Hall, featuring more than 100 companies, allows attendees to visit exhibitors and learn about their products and services. Chat with booth representatives one-on-one or as a group, view product information, download marketing materials and even attend product demonstrations. Company representatives will be available during the hours listed below, however, you can visit the Exhibit Hall 24/7. You may continue to contact exhibitors throughout the 30 days until Monday, November 30.

Hours of Operation:

Friday, October 23 – Thursday, October 29
10:00 a.m. – 5:00 p.m.

Connect with attendees.



EXHIBIT HALL ONLY DAY

Given the busy Annual Meeting schedule, we recognize that it can be challenging to find enough time to visit all of your industry colleagues in the Exhibit Hall. That's why, new this year, we have dedicated an entire day, **Friday, October 23**, as **Exhibit Hall Only Day**. This is a great opportunity to network with exhibitors to learn about the latest products and services in cancer treatment and care before Annual Meeting programming begins.

NEWS BRIEFINGS AND PRESS PROGRAM

ASTRO news briefings will highlight abstracts presented at the Annual Meeting and topical issues that impact cancer care. Journalists who register with ASTRO’s media relations team are provided with press materials and access to cover ASTRO’s 62nd Annual Meeting. For more information about the press program and news briefings, visit www.astro.org/annualmeetingpress or email press@astro.org.

RADIATION ONCOLOGY INSTITUTE (ROI) VIRTUAL BOOTH

Visit the Radiation Oncology Institute (ROI) virtual booth in the Exhibit Hall to hear about the ROI and its research programs, to view the names of the generous donors to the ROI and to learn about the impact of giving to the ROI. Opportunities to chat with ROI researchers, members of the ROI Board of Trustees, and others who support the ROI will be available at the virtual booth. You are invited to learn how you can support research that improves outcomes for patients and enhances the radiation oncology field.

Hours of Operation:

Friday, October 23 – Thursday, October 29
10:00 a.m. – 5:00 p.m.

RELAX AND RECHARGE

Virtual Happy Hours

Join us on Monday, October 26 at 5:30 p.m. for an all attendee happy hour. Head over to the networking lounge where you’ll have the opportunity to select a happy hour experience fit for you! You’ll have friendly competitions like Jeopardy or test your knowledge during our “Pub Trivia” game. Would you rather enjoy a little quiet time? Then be sure to take a walk through a virtual museum or enjoy a glass of wine during our wine tasting. Each happy hour will kick off with a toast from our very own ASTRO President Dr. Eichler!

Zen Den

New this year, ASTRO presents the Zen Den. To promote well-being, work-life balance and combat burnout, the Zen Den will offer a variety of wellness resources for attendees. Find your center at the Zen Den and learn about tips for stress management, view mindful meditation videos and other resources that focus on stretching, relaxation techniques and habits you can build upon for a healthier life.

More information on both these new initiatives will be available on the Conference Planner and MyASTROApp.

SCIENCE CENTER

Posters

Poster Q&A Sessions

Posters will be accessible on the meeting platform as well as through the Conference Planner, MyASTROApp and the ASTRO website via the Virtual Poster Library, throughout the meeting and for 30 days after the meeting. During scheduled times, attendees can ask poster authors questions via live chat. Posters will be organized by track. View the Poster Q&A presentation schedule below for specific times. You are encouraged to visit the virtual Poster Hall in advance of the poster Q&A sessions so you are ready to ask questions of the authors via live chat.

Saturday, October 24		Tracks/Group
Poster Session 1	2:15 p.m. – 3:15 p.m.	<ul style="list-style-type: none"> • Patient Reported Outcomes/ QoL/Survivorship • Gynecological Cancer • Breast Cancer
Sunday, October 25		Tracks/Group
Poster Session 2	2:15 p.m. – 3:15 p.m.	<ul style="list-style-type: none"> • Radiation and Cancer Physics
Poster Session 3	4:45 p.m. – 5:45 p.m.	<ul style="list-style-type: none"> • Health Services Research/ Global Oncology • Radiation and Cancer Biology
Monday, October 26		Tracks/Group
Poster Session 4	2:00 p.m. – 3:00 p.m.	<ul style="list-style-type: none"> • Palliative Care • Gastrointestinal Cancer
Poster Session 5	4:30 p.m. – 5:30 p.m.	<ul style="list-style-type: none"> • Head and Neck Cancer • Central Nervous System
Tuesday, October 27		Tracks/Group
Poster Session 6	2:00 p.m. – 3:00 p.m.	<ul style="list-style-type: none"> • Hematologic Malignancies • Patient Safety • Pediatric Cancer • Lung Cancer/Thoracic Malignancies • Nursing and Supportive Care • Nonmalignant Disease
Wednesday, October 28		Tracks/Group
Poster Session 7	2:00 p.m. – 3:00 p.m.	<ul style="list-style-type: none"> • Sarcoma and Cutaneous Tumors • Education & Professional Development • Genitourinary Cancer • Digital Health Innovation and Informatics



SCIENTIFIC SESSION DESCRIPTIONS

Science Highlights

An expanded selection of Science Highlights will be available this year, with highlights in 15 disease site tracks! In these onDemand sessions, an expert discussant will provide an overview of three to five top-rated abstracts being presented at the meeting in their specific track. After viewing a Science Highlights session, you will be able to view the full abstract presentation by the author in their corresponding Scientific Session.

Scientific Sessions

Scientific Sessions will be available onDemand and released daily at midnight or another scheduled time during the program. Scientific Sessions are organized by disease site or track, including Radiation Physics and Radiation Biology. Over 240 abstracts will be delivered via oral presentation in 40 sessions throughout the week. Visit the Conference Planner or use the MyASTROApp for the complete schedule.

Quick Pitch Scientific Sessions

New this year, we have revamped the mini oral sessions introduced last year into the Quick Pitch sessions. These oral scientific presentation sessions are formatted with an opening presentation by the session moderator, followed by pre-recorded abstract presentations, allowing the session to end with live chat Q&A with the moderators, presenters and attendees. Abstract presentations will be five minutes with five slides, including an important “take-away”. Quick Pitch sessions will be held live at their scheduled date and time so be sure to add them to your personal meeting agenda.

SOCIAL MEDIA

Follow ASTRO on social media for all the latest updates and announcements during the Annual Meeting. Use the hashtag #ASTRO20 to follow along and get involved in discussions. We will unveil our #ASTRO20 Social Champions in September. Find out more about our social media and use of hashtags at <https://www.astro.org/About-ASTRO/Social-Media>.

ASTRO social channels:

-  **ROhub:** rohub.astro.org
-  **Twitter:** [@ASTRO_org](https://twitter.com/ASTRO_org)
-  **Facebook:** www.facebook.com/AmericanSocietyforRadiationOncology
-  **LinkedIn:** www.linkedin.com/company/american-society-for-radiation-oncology
-  **Instagram:** www.instagram.com/astro_org
-  **Youtube:** www.youtube.com/ASTROtargetingcancer

Connect with attendees.



MyASTROApp

YOUR ANNUAL MEETING RESOURCE

Download the all-new MyASTROApp! The new and improved official meeting app provides you with access to the meeting program and the ability to customize your meeting experience. You can:

- Search sessions by day, track, type or speaker.
- Search exhibitors by name or product/service category.
- Check out innovative products in the Product Showcase.
- Search and view the full abstracts.
- View posters and listen to audio narration.
- Access “My Schedule,” your personal Annual Meeting schedule.
- Complete the evaluation for continuing education credits.
- Complete SA-CME evaluations accessible through the app.
- View presenter slides and take notes as you listen to presentations.
- View faculty and presenter photos and bios, if included by the presenter.
- Connect with colleagues with the app’s networking feature.
- View meeting information and exhibitor brochures in the virtual briefcase.

MyASTROApp is integrated with the [Conference Planner](#), so you can start your planning early. On the Conference Planner, you can add sessions to your schedule and bookmark exhibitors, abstracts and posters. MyASTROApp is available for iOS and Android devices and can be downloaded from your device’s app store.

MyASTROApp Login Instructions

- Search for MyASTROApp.
- Select ASTRO 2020 under Latest Events.
- Log in using your ASTRO.org login credentials (email address and password).
- If you do not know your password, select Forgot Password.

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

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AstraZeneca, LAP Laser
and Galera Therapeutics.



DEFINITIONS OF COMMON MEETING TERMS

CHAT OPTIONS:

The chat is available in seven languages: English, Chinese, French, Japanese, Korean, Portuguese and Spanish.

- **Private Chat** – Attendees may use private chat for one-on-one or small group discussions. Private chat is accessible from the main navigation bar at the bottom of the screen.
- **Public Chat** – Public chats are available in rooms, including the T. J. Eichler Theater, Poster Hall, ASTRO Resource Center, Networking Lounge and Exhibit Hall. Attendees can utilize the public chat to communicate with all attendees in the room at once. During Live or SimuLive sessions, attendees will be able to directly chat with faculty and attendees and post questions during the scheduled Q&A panels.

PRESENTATION FORMATS:

- **Live** – A Live session format means the session will be held live at a scheduled date and time. Live sessions will be 60 to 90 minutes long and will allow viewers to participate in polls and live Q&A with the presenters as well as other attendees. Presenters will be on camera, and attendees will also be able to see accompanying presentation slides.
- **SimuLive** – This format will be streamed at a scheduled date and time. Presentations, including the welcome remarks and introductions, will be prerecorded. Presenters will be available to participate in live Q&A during the entire session.
- **onDemand** – These sessions are pre-recorded and released daily at 12:00 a.m. Eastern time (midnight) or at another scheduled time throughout the program. Speakers have pre-recorded their presentations so that you are able to watch the session at your leisure during the meeting. Several sessions will hold follow-up Q&A sessions in the networking lounge so be sure to check the schedule and attend to get answers to your pressing questions.



When will I have access to the virtual conference platform?

Registrants will have access to the Annual Meeting virtual conference platform beginning on Thursday, October 22, 2020, with sessions beginning October 24. The early-access opening on the 22nd will allow you to acquaint yourself with the platform so when sessions begin on Saturday, you can quickly navigate to the T.J. Eichler Theater and into a session. The Exhibit Hall will open on Friday, October 23, to allow you more time to engage with exhibitors. More “how to” information will be emailed to attendees in mid-October.

How do I log onto the virtual platform?

Registrants will log onto the platform using their astro.org user ID and password. Use the Forgot Password link if you don’t remember your password.

What are the technical requirements to access the virtual platform?

Attendees can access the platform from a phone, tablet or computer. A high-speed internet connection is required. Registrants are highly encouraged to test their accessibility to the platform prior to the conference and will receive an email on testing their systems prior to the event.

Do I need to preinstall an app?

The Annual Meeting virtual platform is web-based, therefore no app or additional software is needed to access the platform.

How do attendees in different time zone participate in live events?

All listed session and support times are Eastern time. To attract learners from around the world, most Live sessions will take place during daytime for learners in the Americas, Africa and Europe; some Live sessions will take place during daytime for learners in Asia. Live and SimuLive content recordings will be available 24 hours after the session.

What languages will be available?

Sessions will be in English, and the platform will feature Chinese, French, Japanese, Korean, Portuguese and Spanish translations for chats in rooms and the Exhibit Hall.

When will Live and SimuLive sessions be available?

Live and SimuLive sessions are scheduled between the hours of 9:00 a.m. and 5:45 p.m. Eastern time. Refer to the Conference Planner or MyASTROApp for times.

Operating System	Processor	RAM	Internet Browser	Hardware	Media Playback	Internet Connection
<ul style="list-style-type: none"> Windows 10 Windows 8.1 + Pro Windows 7 Android 4.4+ Apple Max OS X 10.9+ Applie IOS 8.4+ 	<ul style="list-style-type: none"> 1GHz 	<ul style="list-style-type: none"> 1GB 	<ul style="list-style-type: none"> Internet Explorer 9+ All recent versions of Google Chrome Safari 5.0+ Firefox 3.6+ iPhone/iPhad - Safari/iOS 5.1+ Android Phone/Tablet - OS 2.3 or higher, Chrome, Native BRowser 2.3+ Windows Tablet - IE 10+ 	<ul style="list-style-type: none"> Audio: Sound card with speakers Video: Screen with 1024x768+ resolution support 	<ul style="list-style-type: none"> HTML 5 streaming enabled browser Apple iOS http streaming enabled browser Android http streaming enabled browser 	<ul style="list-style-type: none"> Dedicated high speed connection of 900



continued

When will onDemand content be available?

Annual Meeting onDemand content will be released each day at 12:00 a.m. Eastern time (midnight). Once released, onDemand sessions will be available at any time up to 30 days after the meeting.

Will Live and SimuLive sessions be available onDemand?

Live and SimuLive content recordings will be available 24 hours after the session.

How long will content be available?

All Annual Meeting content recordings will be available until November 30, 2020. Content will not be available on the platform after this date.

How do I engage with other attendees?

Attendees will have the ability to connect and network with each other via public chat and private chat on the platform, as well as on the MyASTROApp and on the ROhub Annual Meeting community.

How do I contact exhibitors?

Exhibitors can be contacted using the chat features at their booths in the virtual Exhibit Hall.

How will I view posters?

Attendees can view narrated posters through several different channels, including the Poster Hall on the virtual platform, the Conference Planner, MyASTROApp and through the Virtual Poster Library on astro.org.

Whom should I contact if I have questions?

- For registration questions, please contact astroregistration@spargoinc.com.
- If you are a member of the media, please contact press@astro.org.
- For author and abstract-related questions, please contact annualmeeting@astro.org.
- For exhibit information, please contact shirley.harris@spargoinc.com.
- For membership information, please contact membership@astro.org.
- For all other questions, please contact meetings@astro.org.

What types of continuing education credits will be offered?

AMA PRA Category 1 Credits™ will be available for physicians. Additionally, ASTRO will be submitting applications to the Commission on Accreditation of Medical Physics Education Programs (CAMPEP), Medical Dosimetrist Certification Board (MDCB), American Society of Radiologic Technologists (ASRT) and the American Board of Internal Medicine (ABIM).

How will I claim credit for the 2020 Annual Meeting Virtual Conference?

Attendees will be able to evaluate the meeting and sessions attended through the MyASTROApp and/or Conference Planner and claim the number of credits commensurate to their participation.

Will the embargo policy remain now that the in-person meeting is canceled?

Yes, ASTRO's embargo policy remains in effect, since abstracts will be presented at the Annual Meeting as planned.



CONGRATULATIONS TO THE 2020 SURVIVOR CIRCLE GRANT RECIPIENTS

EACH YEAR WE OFFER TWO SURVIVOR CIRCLE GRANTS to non-disease site specific cancer support organizations in the states that host our Annual Meeting. The Survivor Circle Grant program is a wonderful opportunity for support organizations to advance their programs and get some recognition in the ASTRO community. A portion of all early-bird registrations was donated to fund these grants. This year, we may not be physically in Miami, but with the virtual experience, we can celebrate the recipients together.

Caring Friends Cancer Support Group

Caring Friends Cancer Support Group provides emotional and psychological support for cancer patients and their families. They will use the grant money to continue to provide transportation to patients when they go for their treatments or doctor visits and offset financial living costs such as food expenses. The group was founded in 1986 by two oncology nurses at Blake Medical Center, Pamela Dewalt, RN and Dorothy Laster, RN, along with hospital social worker, Mike Becker, after observing the need for emotional and psychological support for cancer patients and their families.

Gilda's Club of South Florida

For 22 years, Gilda's Club South Florida (GCSF) has provided free-of-charge cancer support services for adults and children, including support groups, education, healthy living classes, social activities, cancer survivorship, resource linkages and treatment option assistance. GCSF broadened its reach to accommodate increased calls for help through the pandemic while following the CDC's physical distancing guidelines by providing all services via teleconferencing and plan to expand current services with the grant money. 🇺🇸



2021 ASTRO MINORITY SUMMER FELLOWSHIP AWARD

Medical students from backgrounds underrepresented in medicine are eligible to apply. Award winners will be introduced to the discipline of radiation oncology and receive up to \$5,000.

Apply by February 5, 2021
astro.org/minoritysummerfellowship



View the 2020 Annual Meeting Highlights video at
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EXHIBITOR LIST

For the most current exhibitor information, please visit www.astro.org/conferenceplanner.

Current as of September 1, 2020

- AAPM
- **Accuray, Incorporated**
- **Akesis Inc.**
- Alyzen Medical Physics Inc.
- American College of Radiology
- ASCO
- Ashland
- **AstraZeneca**
- Bayer
- BD
- Beijing HGPT Technology & Trade Co. Ltd
- Bionix Radiation Therapy
- BK Medical
- Blue Earth Diagnostics Inc. / Commercial
- Blue Earth Diagnostics Inc. / Medical Affairs
- Boston Scientific
- **Brainlab**
- **Bristol Myers Squibb**
- C4 Imaging LLC
- Canon Medical Systems USA Inc.
- Carl Zeiss Meditec Inc.
- CDR Systems Inc.
- Central Care Cancer Center
- CIRS
- CivaTech Oncology Inc.
- CIVCO Radiotherapy
- Concure Oncology
- C-RAD Inc.
- Decipher Biosciences
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- DYN'R
- **Elekta**
- Elsevier
- Elsevier – ClinicalPath
- Equicare Health Inc.
- GE Healthcare
- Genentech
- Gold Anchor
- GT Medical Technologies Inc.
- H&H Design-Build
- Hitachi Ltd.
- Hologic Inc.
- IBA (Ion Beam Applications)
- IntraOp Medical Corporation
- iRT Systems GmbH
- Klarity
- LAP Group
- Leo Cancer Care
- Limbus AI Inc.
- MacroMedics BV
- Mayo Clinic
- **Mevion Medical Systems**
- Micropos Medical AB
- MIM Software
- Mirada Medical
- Modus Medical Devices Inc.
- MuCheck-Oncology Data Systems
- Myriad Genetic Laboratories
- Nanobiotix
- NELCO
- NeuroLogica
- **Novocure Inc.**
- Orfit Industries America
- **Philips Healthcare**
- Pitts Little Corp.
- PMB-ALCEN
- Prowess Inc.
- PTW North America Corporation
- Qfix
- Quantek Systems
- RAD Technology Medical Systems
- Radformation
- Radiation Oncology Institute (ROI)
- Radiological Imaging Technology - RIT
- Radiology Oncology Systems Inc.
- **RaySearch Laboratories AB**
- **Reflexion**
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- RTsafe P.C.
- Sanofi Genzyme
- ScandiDos - Delta4 Family
- Sensus Healthcare
- SGRT Community
- **Siemens Healthineers**
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- Strontium89 (Q BioMed)
- Sumitomo Heavy Industries Ltd.
- Sun Nuclear Corporation
- Teledyne e2v
- The Phantom Laboratory
- Theragenics Corporation
- TheraPanacea
- Toshiba Energy Systems & Solutions Corporation
- trü Level Design & Construction
- **Varian Medical Systems**
- **ViewRay Inc.**
- Vision RT
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Ambassadors are listed in **bold**.



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INNOVATION HUB

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In addition to the popular Industry-Expert Theaters and Industry Satellite Symposia, we have added Main Stage Presentations and 15-minute Lunchtime Product Demonstrations from featured exhibitors. New for this year, the Main Stage will host CEOs and CMOs of technology companies, designers, startups, key opinion leaders and business strategists. Additionally, attendees can get the latest information from exhibitors on their products during our 15-minute Lunchtime Product Demonstrations. Below is a sneak peek of the confirmation presentations at the time of print. Please refer to the website for the most current schedule and session descriptions.

PRODUCT DEMONSTRATIONS

Sunday, October 25	12:00 p.m. – 12:15 p.m.	ViewRay Inc.
Monday, October 26	11:00 a.m. – 11:15 a.m.	Qfix
	11:15 a.m. – 11:30 a.m.	CIVCO Radiotherapy
	11:30 a.m. – 11:45 a.m.	IBA (Ion Beam Applications)
	11:45 a.m. – 12:00 p.m.	Sun Nuclear Corporation
	12:00 p.m. – 12:15 p.m.	Varian Medical Systems
	12:15 p.m. – 12:30 p.m.	Philips Healthcare
	12:30 p.m. – 12:45 p.m.	IBA (Ion Beam Applications)
Tuesday, October 27	11:00 a.m. – 11:15 a.m.	Brainlab
	11:45 a.m. – 12:00 p.m.	Mevion Medical Systems
	12:15 p.m. – 12:30 p.m.	Varian Medical Systems
	12:00 p.m. – 12:15 p.m.	Elekta
Wednesday, October 28	12:00 p.m. – 12:15 p.m.	Elekta

MAIN STAGE PRESENTATIONS

Sunday, October 25	4:30 p.m. – 4:50 p.m.	TibaRay
Monday, October 26	9:45 a.m. – 10:05 a.m.	Leo Cancer Care Ltd.
	10:10 a.m. – 10:30 a.m.	Cybrex
	10:30 a.m. – 11:30 a.m.	ViewRay Inc.
	11:30 a.m. – 11:50 a.m.	Concure Oncology
	12:00 p.m. – 12:20 p.m.	Bridge7
	12:30 p.m. – 1:00 p.m.	Elekta
	3:45 p.m. – 4:05 p.m.	Oncora Medical
Tuesday, October 27	10:30 a.m. – 10:50 a.m.	HPEC
	12:00 p.m. – 12:30 p.m.	Novocure Inc.
Wednesday, October 28	3:45 p.m. – 4:45 p.m.	Varian Medical Systems

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* Schedule as of September 2, 2020. Please visit www.astro.org/conferenceplanner for updated information.

Industry-Expert Theaters and Industry Satellite Symposia

Open to all ASTRO Annual Meeting attendees, exhibitors have the opportunity to host Industry-Expert Theaters and Industry Satellite Symposia. These events allow attendees to learn more about the new products and services in the radiation oncology field. While ASTRO does not endorse the content and views expressed by the exhibitors, ASTRO does encourage attendees to take advantage of these unique educational presentations, some of which offer continuing education credits. 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.

INDUSTRY-EXPERT THEATERS

Sunday, October 25	12:00 p.m. – 1:00 p.m.	AstraZeneca
Monday, October 26	11:00 a.m. – 12:00 p.m.	Brainlab Bristol Myers Squibb
	12:00 p.m. – 1:00 p.m.	Novocure Inc. CIVCO Radiotherapy
Tuesday, October 27	11:00 a.m. – 12:00 p.m.	ViewRay Inc.
	12:00 p.m. – 1:00 p.m.	Janssen Biotech Inc.
Wednesday, October 28	11:00 a.m. – 12:00 p.m.	Seattle Genetics, Inc.

INDUSTRY SATELLITE SYMPOSIA

Sunday, October 25	5:00 p.m. – 6:30 p.m.	<p><i>Optimizing Care in Lung Cancer: Current and Emerging Biomarkers for Immuno-Oncology</i></p> <p>Joint Accreditation Statement: In support of improving patient care, Clinical Care Options, LLC (CCO) 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.</p> <p>Physician Continuing Medical Education: This live activity for a maximum of 1.5 <i>AMA PRA Category 1 Credits™</i>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.</p> <p>CCO designates this live activity is supported by an educational grant from Merck Sharp & Dohme Corp.</p>
Tuesday, October 27	5:30 p.m. – 6:30 p.m.	<p><i>Modernizing Your Radiation Oncology Practice With Tumor Treating Fields and Other Novel Multimodal Strategies: Understanding the Science, Evidence and Practical Aspects Across a Range of Solid Tumors</i></p> <p>Accreditation: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Medical Learning Institute, Inc. and PVI, PeerView Institute for Medical Education. The Medical Learning Institute, Inc. is accredited by the ACCME to provide continuing medical education for physicians.</p> <p>CME Credits: The Medical Learning Institute, Inc. designates this live activity for a maximum of 1.0 <i>AMA PRA Category 1 Credit™</i>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.</p> <p>For more information or to register, please visit PeerView.com/RadOnc20.</p> <p>This activity is supported by an educational grant from Novocure.</p>



2020 ASTRO GOLD MEDAL RECIPIENTS

Two internationally recognized experts in radiation oncology awarded the Society's highest honor

THE ASTRO GOLD MEDAL IS BESTOWED ON ESTEEMED MEMBERS of ASTRO who have made outstanding contributions to the field of radiation oncology over the course of their careers. Joining the list of revered recipients, Bruce Haffty, MD, FASTRO, and Brian O'Sullivan, MD, FASTRO, are ASTRO's 2020 Gold Medal awardees.

"The 2020 Gold Medal recipients are truly exceptional leaders in the field. Both exemplify collaborative leadership, which has produced practice-changing research and benefited cancer patients worldwide," said ASTRO Board of Directors Chair Theodore DeWeese, MD, FASTRO. "It is a pleasure to honor their commitment to radiation oncology with the 2020 Gold Medal."

As an internationally recognized expert in breast cancer, **Bruce Haffty, MD, FASTRO**, has been touted as a "walking encyclopedia" of breast cancer knowledge. He is a widely recognized master clinician, teacher and researcher and has spent

his career furthering clinical research and improving patients' lives, all with an "underlying and consistent theme of selfless leadership and service," as noted in a nomination letter of support. Dr. Haffty currently serves as

associate vice chancellor of Cancer Programs at Rutgers Biomedical and Health Sciences, and as professor and chairman of the Department of Radiation Oncology at Rutgers Robert Wood Johnson Medical School in New Brunswick, New Jersey.

Leadership has been a consistent theme throughout his career. Among his many notable roles, Dr. Haffty

has previously served as president of the American Board of Radiology, founder and inaugural president of the Association for Directors of Radiation Oncology Programs (ADROP), president of the American Radium Society, chairman of the Board of RSNA and president and chair of ASTRO from 2013 to 2015. He also has held many prestigious editorial leadership roles, including at the Red Journal, and was appointed in 2018 as the first radiation oncologist to serve as deputy editor of the Journal of Clinical Oncology.

His career began as a biomedical engineer in the cardiology department at Saint Vincent's, a teaching hospital affiliated with the University of Massachusetts Medical School. It was this experience that led him to enter medical school at Yale University School of Medicine. His prior exposure to

technology in medical care from being a biomedical engineer seeded an interest and led him to pursue a

third-year rotation in radiation oncology. After completing both medical school and residency at Yale, Dr. Haffty began his academic career there as well, joining the faculty and advancing to the position of professor, then vice chair of

the Department of Radiation Oncology, residency program director and clinical director. At Yale, he led the residency program for 12 years and fostered careers of many students, residents and junior faculty. In 2005, he moved to Rutgers Robert Wood Johnson Medical School, Rutgers Cancer Institute in New Jersey,



"I am very honored and humbled to receive the Gold Medal, as it is the highest honor of our society. Being recognized by my peers is very gratifying, humbling and overwhelming. When looking at the previous members, to be considered a member of that same club, I am very honored by that."

where he assumed the role of department chair and professor. Garnering on the leadership and experiences from Yale, Dr. Haffty built New Jersey's only residency program in clinical radiation oncology and medical physics and helped lead the state's only NCI-designated comprehensive cancer center, as interim director, chief of staff and currently as associate vice chancellor of Cancer Programs at Rutgers Biomedical and Health Services.

Dr. Haffty's research in breast cancer is prolific. As noted in letters of support, "Dr. Haffty has established himself as a preeminent investigator in clinical and translational aspects of breast cancer, and gathered around him, supported and motivated an equally talented and productive group of scientists. He has demonstrated a flawless mastery and command of basic science research and its translational application as well as a clinical trialist." He has published more than 400 articles and currently serves as the primary investigator on several trials from Alliance and NRG cooperative groups. "I've always been interested in clinical and translational research and had that desire to try to not just take care of patients but do the research that supports moving the field forward," Dr. Haffty



"In the end, this award and recognition is important because it stems from something we do for our patients. This sense of support that I've received is because of looking after patients, which I think is the most important thing we can do as physicians."

stated. "That's what got me into medical school. When I was working as a biomedical engineer, we were conducting clinical research as part of my job and that piqued my interest and passion for clinical investigations."

Talking to some of the highlights in the research from his career, Dr. Haffty noted the opportunities presented to him early on in his career, including the opportunity to build on a novel database of patients treated with breast conservation, built by his predecessors. This treatment was new at the time and building momentum; Dr. Haffty was able to grow the database from 150 patients to more than 2,000 patients over the course of his time at Yale. Dr. Haffty also noted collaborating with interdepartmental teams, including the pathology department, to get tumor samples and expand into translational research to look at molecular markers and genetic testing.

As stated in his nomination letter, Dr. Haffty's "personal impact as a clinician, researcher, teacher and leader has strengthened our society and profession." His work in breast cancer has made him a national and international resource for the disease and has had a lasting impact by improving the lives of thousands of cancer patients around the world.

"I am very honored and humbled to receive the Gold Medal, as it is the highest honor of our society," said Dr. Haffty. "ASTRO is my prime society; it is the one that if I had to choose only one organization to belong to, it would be ASTRO. Being recognized by my peers is very gratifying, humbling and overwhelming. When looking at the previous members, to be considered a member of that same club, I am very honored by that."

A renowned expert in head and neck cancers (HNC) and soft tissue sarcoma (STS), **Brian O'Sullivan, MD, FASTRO**, has dedicated his career to improving the lives of cancer patients worldwide. Dr. O'Sullivan has demonstrated the value of fostering collaborations with the world's leading experts and, through this work, has improved health practices and policies around the world.

Dr. O'Sullivan is the inaugural Bartley-Smith/Wharton Chair in Head and Neck Radiation Oncology at Princess Margaret Hospital (PMH) in Toronto, Canada, serving in that position from 1999 to 2019. He is a professor in the Department of Radiation Oncology and Department of Otolaryngology and Head and Neck Surgery

at the University of Toronto, a clinician-scientist at the Ontario Cancer Institute and a professor in the Department of Radiation Oncology at the Centre hospitalier de l'Université de Montréal (CHUM).

Dr. O'Sullivan completed his medical training in his native Ireland before moving to Canada to complete his medical oncology residency. "I first developed an interest in oncology when I was a medical student as it seemed to be one specialty that allows us to appreciate all anatomic sites and systems in patients, all the different elements of management from beginning to

Continued on the following page

end of life care, have knowledge about the behavior, routes of spread, biology of cancer and the different management options. It also offers a huge opportunity for collaboration among all medical specialties,” said Dr. O’Sullivan.

It was during a summer rotation as a medical student in the U.S. that Dr. O’Sullivan had his first true experience of radiation oncology. “A few of the guys working with me told me to come to lunchtime Tumor Board, because they had great sandwiches! So, like any medical student would, I showed up but ended up being most impressed by the knowledge of the clinicians attending, especially the radiation oncologists, several of whom had trained at PMH.” After graduating and completing training in internal medicine and medical oncology, Dr. O’Sullivan moved to Canada and transferred to the radiation oncology residency program at PMH, where he spent most of his career.

Dr. O’Sullivan has published 420 scientific papers, countless additional book chapters and invited manuscripts, edited or written approximately 10 textbooks in oncology and guided or led practice-changing clinical trials. As one nomination letter stated, “Dr. O’Sullivan is one of the visionaries in the field, his research has changed paradigms in the management of STS.” Dr. O’Sullivan was principal investigator on one of the most influential STS clinical trials, which documented the benefit of pre-operative radiation therapy over post-operative radiation therapy and published in *The Lancet*. This groundbreaking trial changed the standard of care worldwide.

In addition to his STS research, some of Dr. O’Sullivan’s most impactful research in HNC focused on tailoring radiotherapy targeting areas in HNC, best exemplified in the “unilateral tonsil paper” published in the *Red Journal* in 2001. This influenced treatment worldwide in the pre-IMRT era and largely reduced toxicity for tonsillar cancer patients, vastly improving quality of life and influencing further treatment methods and remains relevant today. His recent focus has been on risk stratification in HPV-positive oropharyngeal cancer, which has led to the introduction of an independent stage classification in the UICC/AJCC 8th edition TNM classification.

Another large part of Dr. O’Sullivan’s contributions includes his collaboration with colleagues in Asia, where he is involved in head and neck and sarcoma care, with a special focus on nasopharyngeal cancer, TNM staging and prognosis. This initial work led to career-long collaborations in Hong Kong, Singapore


and China, and his service as a Union for International Cancer Control (UICC) volunteer and representative on the American Joint Committee on Cancer (AJCC) for the past three decades. “I feel this work contributed greatly to how we provide a proper language for describing the extent of the disease and prognosis for patients,” said Dr. O’Sullivan. These collaborative efforts, and so many others over the course of his career, have led to countless positive impacts for cancer patients worldwide. Currently he holds a position as Honorary Consultant at the University of Kong/ Shenzhen Hospital in Shenzhen, China, where he attends for at least one month annually and is involved in teaching, research and clinical care at tumor board and in multidisciplinary clinics.

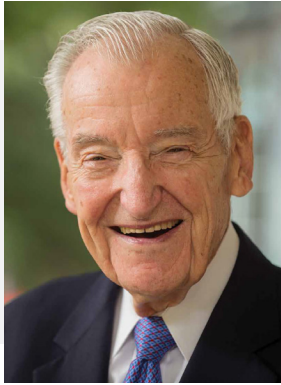
“Although ours is a discipline requiring highly developed technical skills in radiation treatment, we are first and foremost a clinical specialty and we should never forget that we must be thorough, disciplined and never cut corners. We are really one of the most clinical specialties in all of medicine and must be at the center of decision-making for patients with cancer,” said Dr. O’Sullivan. “We need to examine patients properly, communicate with them and their families and care providers and support them. We see them from the beginning of their disease and often through to the end of their lives. I am very proud of this about our specialty.”

Another lasting contribution to the field is Dr. O’Sullivan’s mentorship and leadership to early-career radiation oncologists, allied health professionals and trainees in other related fields. Often citing his own “luck” and opportunities early in his career, Dr. O’Sullivan emphasizes the importance of providing opportunity. “Our specialty is so full of great, young people and they learn from us, and we learned from those who came before us, but we also learn from the people coming behind us,” said Dr. O’Sullivan. “We must find brilliant young talent and give them a chance to grow. It is important to keep our eyes open to help people to get that start, which I got. I was lucky.”

“I’ve had a very full career in terms of how I’ve been able to interact with so many people over such a long time. In the end, this award and recognition is important because it stems from something we do for our patients. This sense of support that I’ve received is because of looking after patients, which I think is the most important thing we can do as physicians.”



The Gold Medal recipients will be honored during the virtual Awards Ceremony on Tuesday, October 27 at 10:30 a.m. Eastern time. 



WALTER LAWRENCE JR., MD, GENERAL SURGEON

2020 Honorary Member

ASTRO HAS NAMED WALTER LAWRENCE JR., MD, director emeritus of the Virginia Commonwealth University School of Medicine Massey Cancer Center in Richmond, Virginia, as its 2020 Honorary Member. This is the highest honor that ASTRO bestows upon cancer physicians and researchers who do not qualify for Active ASTRO membership. The award will be presented during the Annual Meeting's virtual Awards Presentation on Tuesday, October 27.

"Dr. Lawrence's credentials as a surgical oncologist are impeccable," wrote Thomas Eichler, MD, FASTRO, in his nomination, "and he has trained hundreds of surgeons over the course of his sterling career." In a letter to aspiring doctors, published in 2016 in the Richmond Times-Dispatch, Dr. Lawrence wrote of the "touchstone" of the doctor-patient relationship: "Never forget that it is truly a privilege to enjoy the complete trust of another human being, a person who depends on both your problem-solving ability and your concern for their welfare."

Dr. Lawrence received his medical degree in 1948 from the University of Chicago and did his initial surgical training at Johns Hopkins, where he was a William S. Halsted Fellow in Surgery. In the 1950s, he trained at Sloan Kettering Institute (now Memorial Sloan Kettering Cancer Center) and, from 1952 to 1954, served as Chief of Surgery for the 46th Army Surgical Hospital in Korea. In 1966, he was asked to lead a new Division of Surgical Oncology at the Medical College of Virginia, where he is widely recognized as one of the "Founding Fathers" of surgical oncology. "I wanted to have a 'hobby group' in surgery that knew more about cancer, and I called it the division of surgical oncology," he said in an interview. "I got this idea of surgical oncology being an area of

special interest to work with other specialties." In 1974, he became the director of the Massey Cancer Center, at the Virginia Commonwealth University School of Medicine.

His interest in radiation therapy stemmed from his experiences with fellow specialists at Memorial Sloan Kettering. He realized there that the teamwork employed in treating breast cancer with chemotherapy and radiation led to better outcomes for women, not


only in terms of disease eradication but the physical and emotional toll surgery alone took on women at that time.

"Mere words cannot adequately describe the impact that Dr. Lawrence has had in the development of the modern

multidisciplinary management of cancer," wrote Dr. Eichler. "His curious mind, can-do spirit and willingness to collaborate across specialties has literally changed the way that we treat cancer patients. And even though he discontinued his surgical practice several years ago, he remains a physical presence in Massey's clinics and an ongoing contributor at Tumor Board and the journal clubs."

While he no longer sees patients, Dr. Lawrence remains an important figure at Massey. In his 2016 letter to medical students, he wrote that he was "energized" by their potential. Like his lifetime of service portrays, he believes that, while medicine is a science in which talent is needed, it's also an art in which compassion and love of new opportunities to "serve others" are needed.

A proponent of combination therapy, Dr. Lawrence continues to impart wisdom to new generations of medical students, focusing on the belief that "If we can learn to work together, it works out better than ever."

Read more about Dr. Lawrence in an expanded interview, available at www.astro.org/astronews. 

"We all are cheerleaders for our own specialty, but I also know that we all have failures, and the teaming up of combination therapy has clearly shown benefits in so many ways."



2020 ASTRO GRANTS AND FELLOWSHIPS PROGRAM RECIPIENTS

Over the last decade, ASTRO has been funding 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. Join us in recognizing and celebrating the 2020 ASTRO Grants and Fellowship recipients and their mentors!

2020 ASTRO Residents/Fellows in Radiation Oncology Research Seed Grant



JACOB MILLER, MD
PRINCIPAL INVESTIGATOR



QUYNH-THU LE, MD
MENTOR

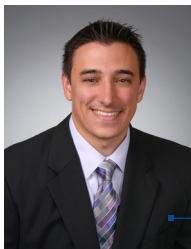


BENJAMIN PINSKY, MD, PHD
MENTOR

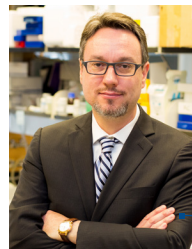
Institution: Stanford University School of Medicine

Proposal Title: *Development and International Validation of Noninvasive Assays for Quantifying Circulating Epstein-Barr Virus DNA for Endemic Nasopharyngeal Carcinoma*

2020 ASTRO Residents/Fellows in Radiation Oncology Research Biology Seed Grant



TIMOTHY SITA, MD, PHD
PRINCIPAL INVESTIGATOR



ALEXANDER STEGH, PHD
MENTOR

Institution: Northwestern University Feinberg School of Medicine

Proposal Title: *Characterizing Epilepsy-induced Changes in the Glioma Microenvironment*

2020 ASTRO-AAPM Physics Resident/Post-Doctoral Fellow Seed Grant



LYDIA WILSON, PHD
PRINCIPAL INVESTIGATOR



AUSTIN FAUGHT, PHD
MENTOR



HEATHER CONKLIN, PHD
MENTOR

Institution: St. Jude Children's Research Hospital Inc.

Proposal Title: *Generalization of Image-based Data Mining Methods for Analyzing Pediatric Patient Data*

2020 ASTRO-BCRF Career Development Award to End Breast Cancer



**GAORAV GUPTA,
MD, PHD**

PRINCIPAL
INVESTIGATOR



**CHARLES PEROU,
PHD**

MENTOR

Institution: The University of North Carolina at Chapel Hill

Proposal Title: *Drivers and Vulnerabilities of Genome Instability in Triple Negative Breast Cancer*

2020 ASTRO-PCF Career Development Award to End Prostate Cancer



**TYLER SEIBERT,
MD, PHD**

PRINCIPAL
INVESTIGATOR



**ANDERS M. DALE,
PHD**

MENTOR

Institution: University of California San Diego

Proposal Title: *Biomarker Study of Advanced Diffusion MRI in High-risk, Localized Prostate Cancer Treated with Radiotherapy and Androgen Deprivation Therapy*

2020 ASTRO-MRA Young Investigator Award



**REID THOMPSON,
MD, PHD**

PRINCIPAL
INVESTIGATOR



**PAUL SPELLMAN,
PHD**

MENTOR

Institution: Oregon Health & Science University

Proposal Title: *Ablative Radiotherapy as Consolidation for Oligoprogressive Melanoma*

2020 ASTRO-AstraZeneca Radiation Oncology Research Training Fellowship



**RYAN WHITAKER,
MD, PHD**

*Vanderbilt University
Medical Center*



**EVAN OSMUNDSON,
MD, PHD**

MENTOR

For the first time this year, ASTRO partnered with AstraZeneca and Varian to create the Radiation Oncology Research Training Fellowship Program. These fellowships provide unique opportunities for residents to work directly in the industry settings for one year.

2020 ASTRO-Varian Research Training Fellowship



**RICKY SAVJANI,
MD, PHD**

*University of California,
Los Angeles*



DANIEL LOW, PHD

MENTOR



2020 CLASS OF ASTRO FELLOWS

CONGRATULATIONS!

NINETEEN 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 2020 Class of ASTRO Fellows:

- Elizabeth H. Baldini, MD, MPH, Brigham & Women's Hospital/ Dana-Farber Cancer Institute, *Boston*
- Sushil Beriwal, MD, MBA, UPMC Hillman Cancer Center, *Pittsburgh*
- Ronald C. Chen, MD, MPH, University of Kansas Cancer Center, *Kansas City, Kansas*
- Prajnan Das, MD, MS, MPH, The University of Texas MD Anderson Cancer Center, *Houston*
- William F. Demas, MD, Northeast Ohio Medical University, Salem Regional Medical Center, *Salem, Ohio*
- Jason A. Efstathiou, MD, DPhil, Massachusetts General Hospital, Harvard Medical School, *Boston*
- Ronald D. Ennis, MD, Cancer Institute of New Jersey, Rutgers University, *New Brunswick, New Jersey*
- Michael Hagan, MD, PhD, Virginia Commonwealth University, *Richmond, Virginia*
- Anuja Jhingran, MD, The University of Texas MD Anderson Cancer Center, *Houston*
- Stanley Liauw, MD, University of Chicago, *Chicago*
- Anita Mahajan, MD, Mayo Clinic, *Rochester, Minnesota*
- Mark J. Rivard, PhD, Brown University, Rhode Island Hospital, *Providence, Rhode Island*
- Joseph Kamel Salama, MD, Duke University School of Medicine, *Durham, North Carolina*
- Felicia E. Snead, MD, UPMC Hillman Cancer Center, *Pittsburgh*
- Dian Wang, MD, PhD, Rush University Medical Center, *Chicago*
- Julia S. Wong, MD, Brigham & Women's Hospital/Dana-Farber Cancer Institute, *Boston*
- Sue S. Yom, MD, PhD, MAS, University of California San Francisco, *San Francisco*
- Ning Jeff Yue, PhD, Cancer Institute of New Jersey, Rutgers University, *New Brunswick, New Jersey*
- Michael J. Zelefsky, MD, Memorial Sloan Kettering Cancer Center, *New York*



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