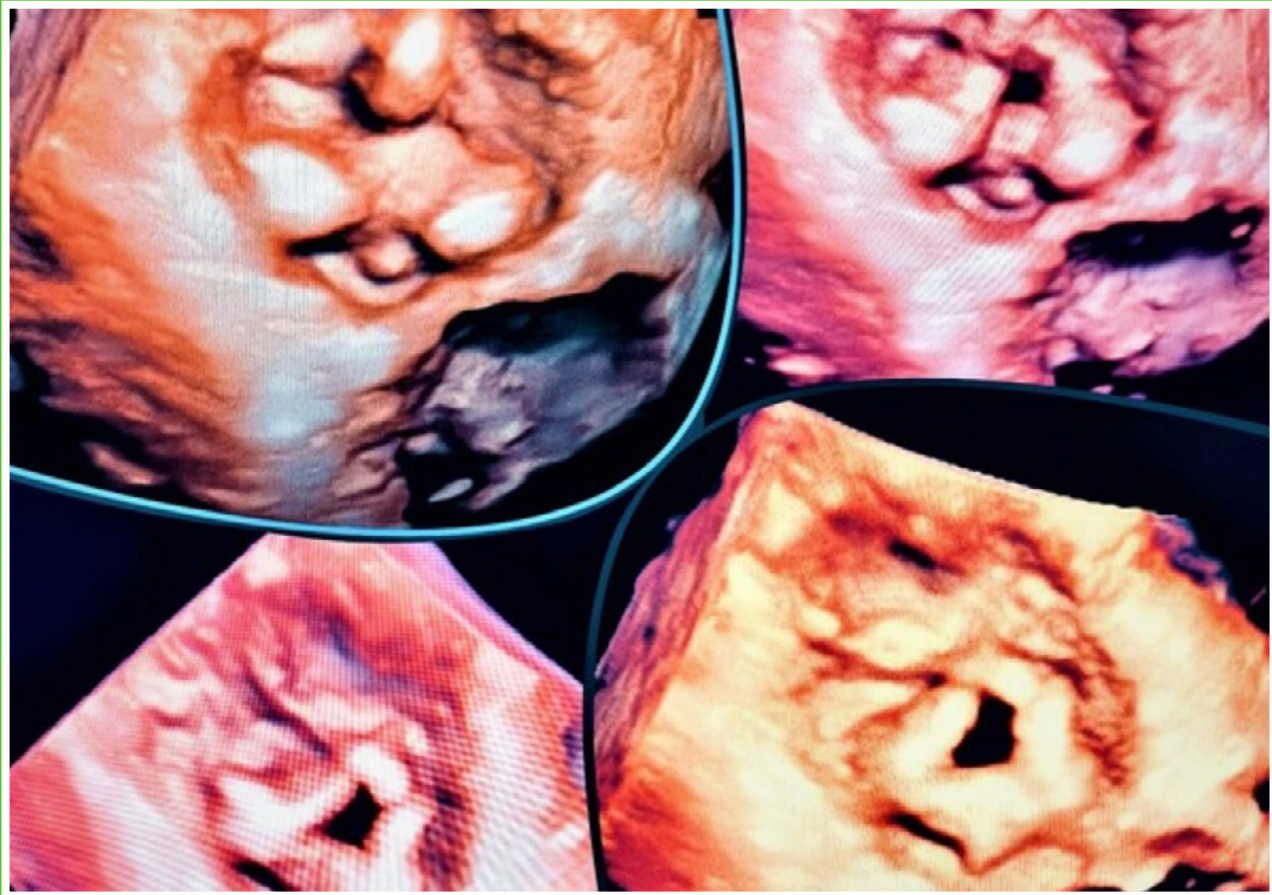


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2023 EDUCATION CALENDAR

MARCH

Advanced Echo: Echo Access Online Course

Featuring the best content from Echo Hawaii and State-of-the-Art Echocardiography

Content Available Now

Jointly provided by ASE and the ASE Foundation

MAY

24th Annual ASCeXAM/ReASCE Review Course | Virtual Experience

Content Available May 8, 2023

Jointly provided by ASE and the ASE Foundation

JUNE

34th Annual Scientific Sessions

June 23-26, 2023

*Gaylord National Resort & Convention Center
National Harbor, MD*

Jointly provided by ASE and the ASE Foundation

OCTOBER

11th Annual Echo Florida

October 7-9, 2023

*Disney's Yacht & Beach Club Resort
Orlando, FL*

Jointly provided by ASE and the ASE Foundation

Discounted rates for ASE members. *To learn more and register, visit us at ASEcho.org/Education.*

SAVE THE DATE: Echo in Pediatric & Congenital Heart Disease: Echo Access Virtual Experience

September 30 – October 1, 2023

Jointly provided by ASE and the ASE Foundation

SAVE THE DATE: 33rd Annual Echo Hawaii

January 15-19, 2024

*Fairmont Orchid, Kohala Coast,
Big Island, HI.*

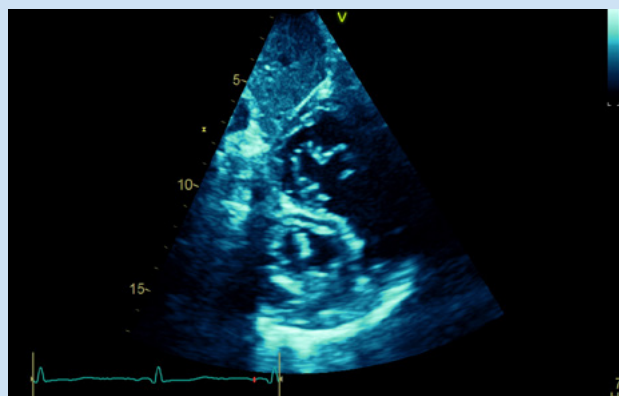
Jointly provided by ASE and the ASE Foundation

SAVE THE DATE: 36th Annual State-of-the-Art Echocardiography

February 9-12, 2024

*Westin Kierland Resort & Spa,
Scottsdale, AZ.*

Jointly provided by ASE and the ASE Foundation



*This text also appears in the May JASE.
OnlineJASE.com*

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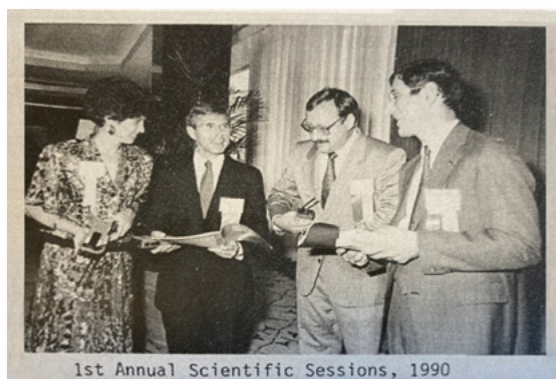
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of Echocardiography

Cover art: "Biological Valve TVR Stenosis – 3D Transthoracic Approach" Gerald Jason Ballo, RN, RDCS, RCS, BSE and Cathy West, MSc, AMS, FASE, Royal Brompton Hospital, London, United Kingdom

EDITORS' NOTE

ASE is very grateful to our members who contribute to *Echo* magazine and values their willingness to share personal insights and experiences with the ASE community, even if they may not be in total alignment with ASE's viewpoint.

THE HOUSE OF CARDIOLOGY

Contributed by **Stephen H. Little, MD, FASE**, Cardiology Fellowship Program Director at Houston Methodist Hospital, System Director for Structural Heart, Professor of Medicine, Weill Cornell Medical College, Cornell University, and Adjunct Professor at Rice University in the Department of Bioengineering

“

The role of ASE within this House is one of maturity, where we routinely engage in supportive yet strategic conversations with other members.

The collection of professional organizations that represent practitioners of cardiovascular medicine is often referred to as the House of Cardiology. This term is aptly used to reference a collective physical structure (a supported shelter), but also to include the extended family within. This family of cardiology is undoubtedly getting larger, becoming more diverse, and has over time become multigenerational. As such, the richness and complexity of the House has become more challenging to manage – and squabbles do occur, but in general the members of the House remain a tight knit family that grow, adapt, and defend together.

The role of the American Society of Echocardiography (ASE) within this House is one of maturity, where we routinely engage in supportive yet strategic conversations with other members. For example, we routinely collaborate with the American College of Cardiology (ACC) on educational activities (e.g., jointly issued practice guidelines); advocacy efforts for payment and policy reform; and even strategic planning to better predict future challenges. ASE also has a long history of very intentional and collegial collaboration with other major cardiovascular (CV) imaging societies including the Society for Cardiovascular Magnetic Resonance (SCMR), the Society for Cardiac Computed Tomography (SCCT), and the American Society for Nuclear Cardiology (ASNC) (*Figure 1*). Perhaps our closest House relationships are with the certification organizations including the National Board of Echocardiography (NBE), the American Registry for Diagnostic Medical Sonography (ARDMS), Cardiovascular Credentialing International (CCI), Committee on Accreditation for Advanced Cardiovascular Sonography (CoA-ACS), and Accreditation Commission (IAC-Echo) to name just a few. NBE, IAC-Echo (aka ICAEL) and the COA-ACS formed with ASE's early assistance. All these relationships remain very important to the mission and strategic goals of ASE.



Figure 1.

Current ASNC president Dr. Mouaz Al-Mallah (right), past ASE president and past ACC president Dr. William A. Zoghbi (center), and current ASE president Dr. Stephen H. Little (left) enjoy a selfie at the ACC convocation ceremony in New Orleans, LA (March 2023). All are members of the Department of Cardiology at Houston Methodist Hospital, Texas.

In addition, the ASE has recently begun very encouraging conversations with other members within our House. As the ASE membership has expanded over recent years, and as the breadth of the echo field continues to swell, we find ourselves now with educational and policy goals that may overlap with several other CV societies. With the rapid development of the subspecialty of Interventional Echocardiography (IE), we have had several discussions with the leadership of the Society for Cardiovascular Angiography and Interventions (SCAI) to explore important new collaborations regarding advocacy for payment reform and member education priorities. The development of novel pharmacotherapies to treat cardiomyopathy has re-energized our role in diagnosis and management of the heart failure patient. As such, we have had very productive conversations with leadership of the Heart Failure Society of America (HFSA), and we are actively exploring how to create joint educational programs of significant value to both our members, and our Industry Roundtable (IRT) partners. Likewise, we have engaged in very encouraging discussion with the leadership of the Heart Rhythm Society (HRS) to explore several novel collaborations including joint writing groups for important new practice recommendations.

As in most large families, the members of this House do not always agree about every issue. The household rules, the chores, and most importantly, the budget, must be reviewed from time to time. But there are

also topics of near universal agreement. Patient access to care; quality of care; education of CV professionals; and focused advocacy for our members are always approached with passion and shared mission within this House. Today the House looks different than it did in the past; and in the future it will look different than it does today. But the House of Cardiology will continue to stand, and the member organizations within will grow and thrive together.

This text also appears in the May JASE. OnlineJASE.com

Stephen H. Little,
MD, FASE
ASE President



Your Sonographer Scientific Sessions Questions Answered

What Sessions to Attend!

Contributed by **Madeline Jankowski, BS, RDCS, ACS, FASE**, Advanced Cardiac Sonographer and Research Associate at Northwestern Memorial Hospital, Chicago, IL and Program Co-Chair of the ASE 2023 Scientific Sessions



The mixture of late breaking science, foundational learning, and networking makes this a meeting you don't want to miss.

Q/A

Q: What is the Scientific Sessions conference and why should I attend this year?

A: The Scientific Sessions is ASE's largest annual conference. The mixture of late breaking science, foundational learning, and networking makes this a meeting you don't want to miss. While there is a virtual option, the in-person attendees will have access to many more lectures, hands-on skill building, and networking opportunities. Attendees can claim up to 29.75 CME/MOC credits for in-person attendance and up to 24.25 CME/MOC credits for virtual attendance.

Q: Are there opportunities to do any hands-on learning?

A: YES! Technical skill is imperative to sonographer success. Pre-register as a participant for hands-on **DIY Scanning sessions** (including 3D, strain, ACHD, vascular, pediatric and POCUS) or a computer **Learning Lab** (including 3D volumes, 3D valves, basic and advanced strain, hemodynamics, pediatric strain, interventional cropping and more!)

Q. How do I get more involved with ASE and grow in my field as a sonographer, and how do I find those opportunities?

A. There are so many opportunities to get involved and volunteer for ASE, depending on your interests and expertise! As a sonographer, attending the **Sonographer Council Meeting** allows members to gain insight on what the council does and raise questions or concerns about current issues in our field. Interested in a committee or starting your FASE journey? Stop by the **ASE Booth in the Echo Expo** and learn from our amazing ASE staff how you can get more involved with the Society. Are you early/mid-career and looking for the next step to leadership? Attend the **Leadership Academy Application** session to learn what you need to do to be a great candidate for the competitive program or the **Sonographer Career Pathways session** to see how peers are permeating into other areas, like research or in the C-suite.

Q. Are you a sonographer student, new sonographer graduate, or looking for a new sonography job? What opportunities will there be to help me start or grow my career?

A. In light of bustling new sonography programs, interest in the field, and a sonographer shortage, we have some events scheduled to bolster the future for our sonographers! Current students in sonography programs can enjoy **Student Day** on Saturday, where the registration fee has been waived so students can participate in a top-tier echo course. Also, on Saturday, there will be a **Sonographer Career Fair** where institutions from around the nation will be on site to share information about openings in their labs. Bring your resume/CV to the **CV Building** session and meet with sonographer managers who will help you put your best foot forward!

Q. I'm coming to Scientific Sessions for the first time or want to expand my echo network! Are there opportunities for me to meet other people?

A. YES! There are several events that are meant for connecting and networking. Make sure to attend the **Welcome Reception** and enjoy live music at Bobby McKey's, a nearby dueling piano bar. The

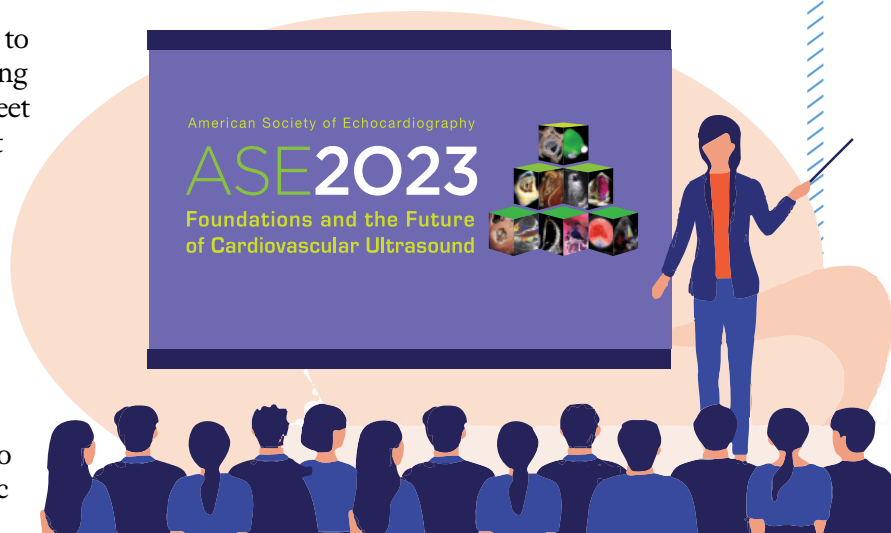
President's Reception is another place to meet new friends and bump elbows with luminaries. Small-group **Meet Up rooms** are also a great place to get together! For the techies, join the conversation on Twitter with @ASE360 and #ASE2023, or connect on the Whova app!

Q. I am a pediatric/adult congenital sonographer and interested in learning more about this area! Is there pediatric and ACHD content?

A. You bet there is. Our Pediatric and ACHD track chairs have worked diligently to cover so many essential topics. The fan favorites, **Nomenclature Fest**, **Fetal Symposium**, and **Pediatric Jeopardy** are a must see. Looking for something more advanced? Pre-register for the **Pediatric 3D or Strain Learning Lab** and have hands on practice with some advanced pediatric techniques.

Q. Is there anything that isn't just all about echo?

A. But you're here for an echo conference! The program is echo heavy, but there are chances to grow outside of our focus. Dr. George Mensah will be delivering the **Gardin Lecture** this year. He is a former cardiologist turned public health master, focusing his expertise on addressing research translational gaps to better maximize the impact of the work we do preventing and treating heart and



lung disease. Also, leaning into our proximity to Washington D.C., we will have two of our ASE lobbyists contributing to the **Value Summit** and updating us about Echo on Capitol Hill.

Q. Are there only lectures and lecturers from the United States? Will there be content addressing echo on a global scale?

A. The Planning Committee has worked hard to put together an international program, including physicians and sonographers from around the world. We've also designed a few sessions to expand your echo curiosity. Echo in the Wild will showcase where else ultrasound skills can be practiced outside of the echo lab. In the session Echo Heard Round the World, we will hear from echo experts who specialize in diseases that are not main stream in the U.S., such as rheumatic heart disease or Chagas. We will even hear from experts who pioneered the first xenotransplantation! Finally, although there are no lectures, the **ASE Foundation Gala** celebrates ASE as an international community. Buy a ticket to the Gala and dress representing your heritage!

Q. What fun things are there to do near the conference center?

A. National Harbor is a walkable, family friendly area chalk full of fun restaurants, bars, and activities. Some of my favorites include: tasting all types of flavored honey at **Sticky Situations**, following

the Statue Walk, singing along to my favorite songs at **Bobby McKeys**, and watching the sunset over the **ferris wheel**. National Harbor is also a quick ferry ride from Old Town Alexandria and minutes away from bustling Washington D.C.

Q. I just cannot wait to attend! How do I register?

A. Use the link below to be directed to the registration for Scientific Sessions. Remember, ASE members get a big discount! There is also hotel information provided with the link, make sure to book your room now, National Harbor has a lot of options, but they are filling up fast. [Register Now!](#) | [The American Society of Echocardiography - Scientific Sessions \(asescientificsessions.org\)](#)

We cannot wait to see you there!

National Harbor is a walkable, family friendly area chalk full of fun restaurants, bars, and activities.



Sonographer
VOLUNTEER
OF THE MONTH-
MAY

Congratulations
Courtney Cassidy, RDCS, FASE
Children's Hospital Colorado
Lead Cardiac Sonographer



When and how did you get involved with cardiovascular ultrasound?

I was introduced to echocardiography in grade 11 while job-shadowing my aunt, Patricia Carlton, who has been a vascular sonographer for over 30 years. She encouraged me to study medical imaging and I was in complete awe when I saw my first echo. I set my education and career plan in motion that day and entered an echocardiography program straight out of high school.

What is the name and type of facility/institution at which you work, and what is your current position?

A few years into my adult echo career, my interest in congenital heart disease led me to a career at Children's Hospital Colorado, where I have worked for over 12 years. With the dedicated and talented sonographer and physician team providing me with their knowledge, I have trained and worked in many areas of our echo lab (3D, fetal, education) but my primary interests evolved into leading the sonographer research team for over eight years. I've coordinated and scanned countless research protocols and my team has presented and published a multitude of interesting projects!

When and how did you get involved with the ASE?

I attended my first Scientific Sessions in 2013. I was overwhelmed and invigorated at the same time. I

“

I attended my first Scientific Sessions in 2013. I was overwhelmed and invigorated at the same time.

”

became involved in the ASE in 2015 at the suggestion of my mentor, Dr. Pei-Ni Jone. She encouraged me to submit our work to the ASE Scientific Sessions, and I was granted my first poster presentation. I continued to focus on sharing my team's research at the Scientific Sessions and encouraging other sonographers to become more involved in the ASE, through education, quality, and research presentations and guiding their path toward obtaining their FASE credential.

Why do you volunteer for ASE?

I volunteer to give back to the community that has given me so much support. ASE is such a unique and inclusive Society for so many in the field of echocardiography. Through volunteering, I hope to encourage and support sonographers not only from large academic institutions, but also from smaller pockets of our field to reach their career goals.

What is your current role within ASE? In the past, on what other committees, councils or task forces have you served and what have you done with the local echo society?

I am currently a member of the 3rd cohort of the ASE Leadership Academy. What a career-shifting moment it was to be included in this amazing opportunity. In 2019, I was invited to join the team in writing the new guideline "Recommendations for the Adult Cardiac Sonographer Performing Echocardiography to Screen for Critical Congenital Heart Disease in the Newborn." This is such an important guideline for our sonographers struggling with pediatric echo imaging and education at their institutions. I have been faculty for the Scientific Sessions discussing sonographer career pathways in research and have presented as a finalist for the Brian Haluska Sonographer Research Competition three times. Beginning this July, I will join the Research Committee as a sonographer representative.

What is your advice for members who want to become more involved in their profession or with the ASE?

Find a mentor within your institution, your local society, and ASE. Log in to the ASE webinars, attend the Scientific Sessions and introduce yourself to others in your area of interest. Join ASE councils and committees that align with your career path and never stop learning!

What is your vision for the future of cardiovascular sonography?

I foresee the future of cardiovascular sonography as limitless. When I began my career 17 years ago, I never imagined 3D echo to be what it is today or the capability of minimally invasive procedures in place of standard surgical repairs. Most interesting to me is the advancement of telemedicine in pediatric and fetal echocardiography that offer expertise to all communities. I can't wait to see how these advances will continue to help expedite diagnosis and treatment in children with congenital heart disease in the future.

Through volunteering, I hope to encourage and support sonographers not only from large academic institutions, but also from smaller pockets of our field to reach their career goals.

Excitement at the ASE 2023 Scientific Sessions:

The Interventional Echocardiography Track

Contributed by **Rebecca T. Hahn, MD, FASE**, Columbia
University Medical Center, New York, NY



Excitement is building around this new subspecialty which societies and institutions now recognize will require additional training and competency.

INTERVENTIONAL ECHOCARDIOGRAPHY has been increasingly acknowledged as a new echocardiography subspecialty with the publication of the *Advanced Training Statement by the American College of Cardiology (ACC)*,¹ a consensus statement of imaging experts about competencies,² the new *ASE Guidelines on Transesophageal Echocardiography Screening for Structural Heart Disease*,³ the results of the ACC Imaging council Survey,⁴ and the recently published training statement from the ASE. Excitement is building around this new subspecialty which societies and institutions now recognize will require additional training and competency.

The Interventional Echocardiography Track at the ASE 2023 Scientific Sessions starts with an introduction to the new subspecialty with a discussion of the new role we play in the interventional suite: from diagnosis of disease severity to pre-procedural planning, to intra-procedural guidance. Subsequent sessions offer tips and tricks for complex intra-procedural guidance, imaging identification of procedural complications and introduce new imaging modalities such as three-dimensional intracardiac echocardiography. These sessions are for all imagers, physicians and sonographers, interested in learning more about this new subspecialty.

The imager has become an integral part of the Heart Team for Structural Heart Disease, and there no better way to see this in action, than the Interventional Echocardiography Track at ASE 2023. Join us on this journey of discovery and find out what all the excitement is about!

The imager has become an integral part of the Heart Team for Structural Heart Disease, and there no better way to see this in action.

▼ **FIGURE 1:** Program at a Glance

FRIDAY, JUNE 23	
1:00 – 2:30 PM	Introduction to Interventional Imaging: Not Just About the Intervention
2:45 – 4:00 PM	Help I Need Somebody! TTE Diagnosis of Complications Following Structural Procedures
5:00 – 5:30 PM	Interventional Echo Council Business Meeting
SATURDAY, JUNE 24	
12:15 – 1:15 PM	Heart Team in Action
SUNDAY, JUNE 25	
1:30 – 2:45 PM	Cutting Edges and Sharp Angles in Interventional Echo
MONDAY, JUNE 26	
10:30 – 11:45 AM	Newer Structural Interventions Guided by Echocardiography
1:15 – 2:30 PM	Interventional Echocardiography: Building a New Subspecialty
3:00 – 4:30	Advanced Intra-Procedural Guidance of Structural Heart Interventions

1.Wiegers SE, Ryan T, Arrighi JA, et al. 2019 ACC/AHA/ASE Advanced Training Statement on Echocardiography (Revision of the 2003 ACC/ AHA Clinical Competence Statement on Echocardiography). A Report of the ACC Competency Management Committee 2019:25931.

2.Hahn RT, Mahmood F, Kodali S, et al. Core Competencies in Echocardiography for Imaging Structural Heart Disease Interventions: An Expert Consensus Statement. JACC: Cardiovascular Imaging 2019;12:2560-70.

3.Hahn RT, Saric M, Faletra FF, et al. Recommended Standards for the Performance of Transesophageal Echocardiographic Screening for Structural Heart Intervention: From the American Society of Echocardiography. J Am Soc Echocardiogr 2022;35:1-76.

4.Lee JC, Geske JB, Narang A, et al. Structural Heart Imaging Survey Highlights: Training, Challenges, and Practice Patterns in Interventional Imaging. JACC Cardiovasc Imaging 2023;16:255-8.

Perioperative Echocardiography Council Track Highlights of the ASE 2023 Scientific Sessions

Contributed by **Jeremy Thaden, MD, FASE**, Mayo Clinic, Rochester, MN and
Richard Sheu, MD, FASE, University of Washington Medical Center, Seattle, WA



*This year's COPE
educational track
highlights a diverse
and multidisciplinary
group of experts
that bring a wealth
of expertise*

IT IS THAT TIME of year again, time to begin planning your participation at the ASE Scientific Sessions! This year's Sessions will be held in National Harbor, MD, June 23-26, 2023. The Perioperative Echocardiography Council (COPE) is excited to see everyone in person and has been hard at work planning a rich educational experience for attendees. This year's COPE educational track highlights a diverse and multidisciplinary group of experts that bring a wealth of expertise to what will surely be an exciting and very engaging Scientific Sessions. This year's Sessions offer in-person and virtual offerings in conjunction with innovative educational sessions, DIY and learning labs, and cutting-edge science.

The COPE educational track will take advantage of multidisciplinary expertise to highlight the role of the imager on the heart team and the role of echocardiography and multimodality imaging in decision-making in the perioperative setting. The COPE track "Tricuspid Regurgitation Primer: Tools for Imaging and Managing Tricuspid Valve Disease" is sure to offer a rich perspective on diagnosis, surgery, and transcatheter management of tricuspid valve disease from the perspective of expert echocardiographers, anesthesiologists multimodality imagers, surgeons, and experts in transcatheter therapy for tricuspid regurgitation.

In the session titled “Heart Failure and Mechanical Circulatory Support: Putting in the Plumbing,” experts in the field will review the full breadth of imaging considerations in our patients requiring mechanical circulatory support, from routine imaging to management of aortic regurgitation, right ventricular dysfunction, and tricuspid regurgitation, among others. “Much ado about AVR” will cover a breadth of important topics including the right valve for the right patient, the latest on the assessment of left ventricular function in aortic valve disease, what to do in a patient with an increased prosthetic valve gradient, and diagnosis and management of perivalvular regurgitation.

We also invite you to also join us for “Challenging Mitral Cases with the Experts” to see our expert panel decide on management options for our most challenging mitral valve cases where they will explore management options for recurrent mitral regurgitation after mitral valve surgical or transcatheter repair, mitral regurgitation in patients with shock, and management of severe mitral valve disease due to mitral annulus calcification. How would you assess risk for left ventricular outflow tract obstruction in transcatheter mitral valve replacement? Come see what our expert panel would recommend!

If this is not enough, we have also asked our COPE experts and authors from the

2020 ASE “Guidelines for the Use of Transesophageal Echocardiography to Assist with Surgical Decision-Making in the Operating Room” to share their expertise on real-world use of transesophageal echocardiography to optimize outcomes in surgical patients. Ever wonder how much myectomy is enough in a patient undergoing septal myectomy? Can anatomic measurements by transesophageal echocardiography predict reparability of a mitral valve and what are the key aortic valve anatomic measurements to predict repair? Join us for this session to find out this and more!

We hope you are as excited as we are for the upcoming ASE Scientific Sessions and look forward to seeing you in National Harbor!

The COPE educational track will take advantage of multidisciplinary expertise to highlight the role of the imager on the heart team



A SHORT HISTORY OF

ASE's Scientific Sessions

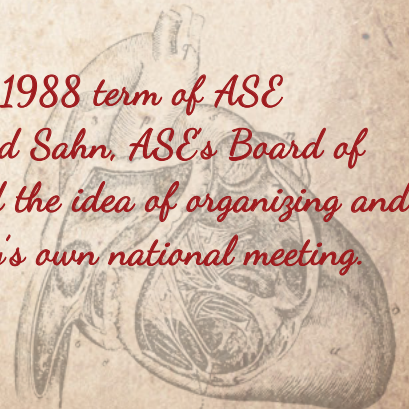
On June 23-26, the 2023 ASE Scientific Sessions will be held in National Harbor, MD. This will be ASE's 34th Annual Scientific Sessions. Newer members of ASE may not be familiar with the evolution of this annual event, while some who have attended recent Scientific Sessions may have taken this meeting somewhat for granted.

Readers with strong math skills will figure out that the first ASE Annual Scientific Sessions were held in 1990, but the story starts a few years earlier. During the 1987-1988 term of ASE President Dr. David Sahn, ASE's Board of Directors discussed the idea of organizing and holding the Society's own national meeting. In 1988, with Dr. Sahn's support, Dr. Alfred Parisi, then the Chair of the Publications Committee, brought forward a proposal for discussion. Not surprisingly, several different viewpoints were raised. Some Board members argued that since all major professional organizations held their own national meeting, ASE should, too. Others expressed concern that the value of echocardiography should not be considered in isolation as a diagnostic imaging method, but rather should be viewed in a broader clinical context. They worried that if ASE were to hold its own national meeting, this would dilute the quality of echo research presented at the well-established national meetings of the American College of Cardiology (ACC) and the American Heart Association (AHA). Other issues of concern included the expense of organizing a new meeting, the reality that medical practitioners had many other opportunities to attend scientific



Contributed by **Alan S. Pearlman, MD, FASE**, ASE Past President, and Editor-in-Chief, Emeritus, *Journal of the American Society of Echocardiography (JASE)*

During the 1987-1988 term of ASE President Dr. David Sahn, ASE's Board of Directors discussed the idea of organizing and holding the Society's own national meeting.



meetings, and the uncertain fiscal viability of a “new” meeting focused specifically on cardiac ultrasound.

The January-February 1989 President’s Message from Dr. Parisi, published in JASE (please remember that JASE was not published on a monthly basis until January 1998), mentioned that in July 1988 a preliminary survey indicated that the concept of holding our own national meeting was “favored by a 2:1 majority” of ASE members.¹ Dr. Parisi suggested holding the meeting “on a biennial basis starting in 1990” and speculated that “it should be a 3-day meeting possibly held in the last half of June at a site yet to be determined.”¹ I would guess that Dr. Parisi suggested this timing to avoid conflict with the typical scheduling of the annual meetings of the ACC (March/April), the AHA (November), and the European Society of Cardiology (late August/early September). Dr. Parisi noted that “we will need to reach a final decision... sometime in the spring of 1989.

That decision was to go ahead with organizing and holding the first Annual ASE Scientific Sessions in

June 1990. The Crystal City Marriott hotel in Arlington, VA, was selected as the meeting venue. As I recall, this site was selected for several reasons: it was convenient to a busy airport (at the time, Washington National Airport; now named Reagan National Airport), the location was relatively accessible to the majority of ASE members, the hotel appeared to have a sufficient number and size of meeting rooms and area for exhibitors, and it was available at that time. Dr. Julius M. Gardin was named as Chair of the Scientific Sessions Program Committee, and Dr. Randolph P. Martin was selected to serve as Co-Chair. I was given responsibility for the Abstract sessions. Planning for the meeting was certainly not as well-organized as in recent years, and at the time, ASE had a smaller staff to assist with planning. As a member of the Program Committee, I remember sitting with a group of colleagues in a meeting room in the basement of a Dallas hotel, probably in March of 1990 during the Annual Scientific Sessions of the ACC, helping to fine-tune the scientific program (speakers and topics) for the First ASE Scientific Sessions that would be held just 3 months later! As Dr. Gardin

reminded me, sessions within tracks were arranged and re-arranged on a table by moving paper “blocks” on which sessions and individual presentations were handwritten. The benefit of personal computers would be a welcome development, but not for a few years!

I recall that the meeting planners and ASE leaders worried whether attendance at the first Scientific Sessions would be sufficient to justify holding future meetings of this nature. We thought that it might be reasonable to expect about 250 attendees. To everyone’s great surprise and pleasure, 762 registrants showed up for the meeting! As I recall, the meeting planners arranged several “tracks” (the number was dictated by the number and size of the meeting rooms at the Marriott venue) that included plenary sessions, oral abstract presentations, and poster presentations. Exhibitors showed their products in an adjacent ballroom. The brochure for ASE’s First National Scientific Sessions, lists some of the topics discussed at the meeting (*Figure 1*).

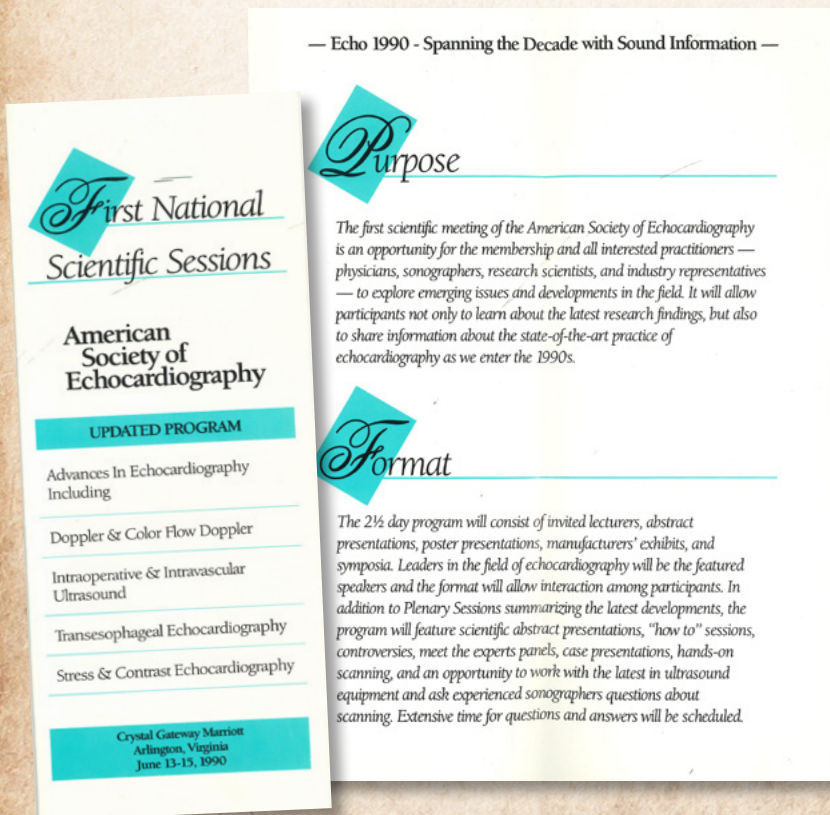


FIGURE 1. 1990 Scientific Sessions brochure

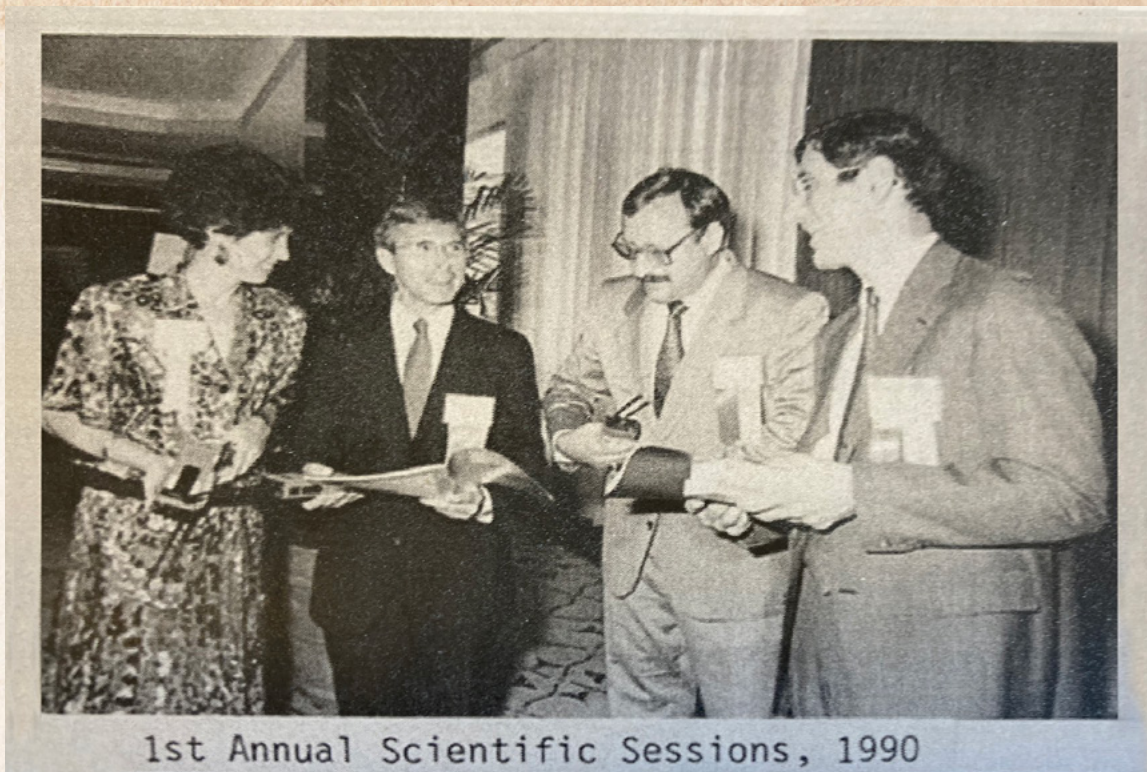


FIGURE 2. 1990 Scientific Sessions organizers

The organizers thought it important to be able to communicate with each other during the sessions. Today, everyone has their own smart phone and internet access is almost ubiquitous (certainly that is the case in hotels and conference centers), so contacting others can be done simply, quickly, and reliably. However, in 1990, the organizers had to depend on more quaint methods to keep in touch. *Figure 2*, which Dr. Gardin kindly provided, shows – from left to right – Sharon Perry CAE (ASE’s executive director), Dr. Randy Martin (Program Co-Chair), Dr. Julius Gardin (Program Chair), and Dr. Alfred Parisi (ASE President). Astute observers will note that Ms. Perry, and Drs. Martin and Gardin, are holding bulky “walkie-talkie” devices that ASE had to rent so that the three of them could be in touch quickly. Lecture presentations were accompanied by 2x2 Kodachrome slides; the sophisticated presenters used dual Kodak carousel projectors! Showing video clips was not an option. Technology has certainly come a long way since 1990!

Based upon the success of the First Scientific Sessions, deciding whether to hold additional Scientific Sessions was a “no brainer.” The Second

Scientific Sessions was also held at the Crystal City Marriott in Arlington, VA. Dr. Martin served as Program Chair, I was the Co-Chair, and Dr. Harry Rakowski chaired the Abstract sessions. More than 1,000 registrants attended! The Third Scientific Sessions began the practice of rotating meeting venues. While most Americans (and most of our members) live in the Northeast, we thought it was important to give members from other parts of the country the opportunity to attend in person without always having to travel long distances. Hence, an effort was made to rotate meeting venues, including sites on the East and West coasts as well as nearer the center of the country. The Third Scientific Sessions was held in Boston in June 1992, during Dr. Weyman’s term as ASE President, at the Marriott Copley Place Hotel. I served as Program Chair, assisted by Dr. Rakowski as Co-Chair. The Fourth Scientific Sessions was held in Orlando, in June 1993 at the Hyatt Regency Grand Cypress, with Dr. Rakowski as Program Chair. In June 1994, the Scientific Sessions was the first held on the West Coast, at the San Francisco Marriott Hotel; Dr. Jim Seward was the Program Chair. In 1995, the meeting was held for the first time in Canada, at the Sher-

aton Centre Hotel in Toronto. Rotating meeting sites continued; the 1996 Scientific Sessions was held in Chicago, the 1997 meeting returned to Orlando, the 1998 meeting was again held in San Francisco, and in June 1999, the 10th ASE Scientific Sessions was held in Washington D.C.

Over the years, the meeting continued to grow and evolve. One lesson was that most hotels did not have enough meeting room space to hold a series of simultaneous scientific presentations. Equally important was the need for a large exhibit area, convenient to the meeting sessions, so that the growing number of exhibitors could show their wares and interact with meeting attendees. Weather was another consideration; for example, large convention facilities in Anaheim, Dallas, Miami Beach, and New Orleans had plenty of space, but typical hot summer weather in mid to late June made these locations less than ideal. In June 2001, ASE Scientific Sessions moved to Seattle and for the first time, the meeting was held in a convention center. In more recent years, the Scientific Sessions have often been held at medium-sized convention facilities such as those in Boston, MA, Baltimore, MD, National Harbor, MD, Portland, OR, San Diego, CA, and Seattle, WA.

The first Scientific Sessions had a limited number of simultaneous sessions, in part because of the limited number of meeting rooms available. As attendance grew and larger facilities were booked, meeting content also grew in both size and diversity. A “sonographer track” was a new (and important) addition to the Fifth Scientific Sessions in 1995, and Sonographer Co-Chairs became a valued part of the Program Committee in 2014. With appropriate-sized meeting venues, organizers were able to target content to groups with specific interests. I am told that the 2023 Scientific Sessions will involve more than 400 faculty, and a total of more than 150 different “sessions” over a four-day period. At times, as many as 12 simultaneous sessions are planned, allowing (for example) concurrent focused discussions of artificial intelligence in echo, new guidelines for patients with hypertrophic cardiomyopathy, nomenclature in pediatric echo, and a series of business meetings for the various councils. As the Scientific Sessions have evolved over the past three decades, there is something for everyone. And I believe that the success of

ASE’s Annual Scientific Sessions has not diminished the quantity and quality of “echo research” reported during the annual meetings of the ACC and the AHA.

The feasibility of “virtual” presentations and attendance was proved during COVID, and the past several annual meetings have retained “virtual” in addition to “in person” attendance options. The ability to take advantage of virtual presentations allows those members who find it difficult to take time from work and to cover travel expenses to benefit from attending parts of the Scientific Sessions. However, I would argue strongly that participating in person is the best part,

We all learn from each other, teach each other, and are blessed to enjoy each other’s company.

because it provides an opportunity for “networking,” meeting with old friends and making new ones, and strengthening interpersonal relationships. When looking back on the first 20 years of ASE Scientific Sessions, Dr. Parisi is reported to have said that he was “proud that our meeting was able to showcase the same high-quality research seen at the large national meetings and yet maintain the comradery of a small, intimate gathering.”² The term “comradery” can also be spelled “camaraderie” (both are correct); the word “camaraderie” is derived from the term “camarade,” which the French use to describe a companion. To be fair, it appears that the French term was derived from Old Spanish, which borrowed it from the Latin term “camera,” a room where one spends a lot of time. Nonetheless, the dictionary reminds me that “camaraderie” describes “*a spirit of good friendship and loyalty among members of a group.*” For me, this is the highlight of the Scientific Sessions, and an important reminder that we are all part of the same team. We all learn from each other, teach each other, and are blessed to enjoy each other’s company.

I look forward to seeing many of you in June!

1. ASE President’s Message, January-February 1989. J Am Soc Echocardiogr 1989;2:10A.

2. In Memoriam: Alfred F. Parisi, MD, FASE. J Am Soc Echocardiogr 2020;33:1154-5.



RECOGNIZING ASE'S 2023 Award Winners

Contributed by **Natalie Costantino**,
ASE's Communications Project Manager

ASE is proud to support the cardiovascular ultrasound community through recognition of outstanding service, research, and training. We hope you enjoy reading about the impressive careers of the 2023 ASE Award Recipients who will be recognized during the 34th Annual ASE Scientific Sessions in National Harbor, Maryland, June 23-26. These awards are peer-reviewed and were selected by the ASE Awards Committee, chaired by Sherif Nagueh, MD, FASE.

PHYSICIAN LIFETIME ACHIEVEMENT AWARD

Rebecca Hahn, MD, FASE

Columbia University Medical Center
New York, NY

Dr. Rebecca Hahn is the recipient of the 2023 Physician Lifetime Achievement Award, acknowledging her impressive clinical, academic, and research career in the field of cardiovascular ultrasound and her significant contributions in defining interventional echocardiography.

Many expert interventional echocardiologists find themselves pondering, “What would Dr. Hahn do?” when determining how to resolve a challenging imaging scenario. As an interventional echocardiologist, Dr. Hahn is a pioneer. She has initiated major technical and procedural advances, including leading creative applications of novel 3D TEE imaging for valve dysfunction, defining the role of echo imaging for TAVI, and teaching MitraClip™, mitral procedures, and tricuspid valve imaging and intervention.

An erudite scholar, Dr. Hahn has studied and trained at some of the most prestigious institutions in the United States. After earning her Bachelor of Arts in biology at Harvard University, she earned her medical degree from Washington University School of Medicine in St. Louis, Missouri. In the 1980s, she completed her residency in internal medicine, fellowship in cardiology, and research fellowship in cardiology at New York Hospital/Weill Cornell Medical Center. In the last 30 years, she has held various academic and hospital appointments, and currently is the Professor of Medicine at Columbia University Irving Medical Center, Chief Scientific Officer of the Echo Core Lab at the Cardiovascular Research Foundation, and Director of Interventional Echocardiography at the Columbia Structural Heart & Valve Center in New York City.

In addition to her many professional accomplishments, Dr. Hahn is also an active volunteer and longtime leader at ASE. She served as Chair of the Continuing Medical Education Committee from 2010-2014, the Industry Relations Committee from 2017-2019, and has also been actively involved in formulating content for the Society’s Scientific Sessions, serving as the 2015 Program Committee



Chair. She’s held positions on the Board of Directors and countless other committees, co-authored numerous ASE Guidelines, and was also involved in the ASE Foundation’s Global Health Outreach event in Hanoi, Vietnam, in 2015.

Dr. Hahn is the recipient of many notable awards, including ASE’s Richard Popp Excellence in Teaching Award in 2009 and Columbia University’s Cardiology Fellow’s Teaching Award in 2014. She earned Fellowship status from ASE in 2008. Her robust number of publications, global speaking engagements, and advisory appointments make her a noteworthy contributor to the field. She has over 350 original publications in seminal journals, 10 book chapters, and has given numerous lectures on almost every element of echocardiography theory, practice, and innovation. Furthermore, she’s been a clinical and research mentor to several dozen fellows, many of whom have now established their own successful clinical and academic careers.

She is a member of various industry medical advisory boards and editorial boards, and serves as a reviewer of multiple peer-reviewed journal publications, including the *Journal of the American Society of Echocardiography*, *Journal of the American College of Cardiology*, *Circulation*, *European Heart Journal*, and *Heart*.

When not working or traveling to deliver an educational lecture at an international conference, Dr. Hahn enjoys spending time with family and adventure travel.

RICHARD POPP EXCELLENCE IN TEACHING AWARD

Cynthia Taub, MD, MBA, FASE

Dartmouth Hitchcock Medical Center
Lebanon, NH

Dr. Cynthia Taub was selected to receive the 22nd Annual Richard Popp Excellence in Teaching Award recognizing her profound knowledge in cardiology and echocardiography; excellence in clinical care, research, and education; and her dedication to teaching and mentorship.

Just like this award's namesake, Dr. Taub is a physician who epitomizes the ideal qualities of a mentor, teacher, and role model. As an educator, she is patient, supportive, and attentive, all while keeping a calm and confident demeanor. One of her former fellows said, "[Dr. Taub's] assertiveness inspired rather than intimidated, reassured rather than unsettled, and empowered rather than restrained." She is known for not only investing in her students' careers, but also getting to know them as people. Hundreds of residents, fellows, medical students, early career faculty, sonographers, and others have benefited from her guidance and advisership.

Dr. Taub earned her medical degree from Beijing Medical University, a master's degree in biology from Dartmouth College, and a Master of Business Administration (healthcare track) from Yale School of Management. She completed her postdoctoral training in internal medicine, clinical cardiology, and advanced echocardiography at universities in the Northeast United States in the early 2000s.

In her first professional positions, she served in both academic appointments and institutional leadership roles at the University of Connecticut and Albert Einstein College of Medicine in Bronx, NY. Currently, she is the Section Chief of Cardiovascular Medicine at Dartmouth Health's Heart and Vascular Center at Dartmouth Hitchcock Medical Center and Professor of Medicine at the Geisel School of Medicine at Dartmouth. Effective August 2023, she will serve as the Edward C. Reifenshtein Professor of Medicine and Chair of the Department of Medicine at Upstate Medical University in Syracuse, NY.



Dr. Taub has been an active member and leader at ASE for more than 20 years serving on various committees, workgroups, writing groups, and task forces. She achieved Fellowship status from ASE in 2005, and is currently serving as Treasurer of the ASE and ASE Foundation Board of Directors, and ASE's Leadership Academy Oversight Committee. She has also led several ASE Global Health Outreach events in China, performing echo screening in remote villages and local orphanages, and teaching scanning techniques and ASE Guidelines to local and regional physicians.

As a woman in cardiology who has risen to senior leadership positions, Dr. Taub's impact is powerful. She has been honored with multiple teaching awards at Dartmouth and Montefiore Medical Center, and currently serves on the Women in Cardiology Committee at the American Heart Association, and as a member on the Editorial Boards for *Circulation Cardiovascular Imaging* and ACC.org's *Non-Invasive Imaging*. She has been an invited speaker at over 50 international and national conferences, published more than 100 articles in peer-reviewed journals, and served as the Primary Investigator or Co-Investigator on numerous research studies.

When not shaping the future of echocardiography and its students, Dr. Taub finds solitude by spending time in the outdoors with her husband and their three children.

EXCELLENCE IN TEACHING IN PEDIATRICS AWARD

Peter C. Frommelt, MD, FASE

Children's Wisconsin/Medical College of Wisconsin
Milwaukee, WI

Dr. Peter Frommelt was selected as the recipient of the 2023 Excellence in Teaching in Pediatrics Award because of his ability to combine his trailblazing educational, research, and clinical experience in the fields of pediatric cardiology, and pediatric and congenital echocardiography with his outstanding talents as an educator and mentor.

After earning his medical degree from the University of Iowa School of Medicine in Iowa City, Dr. Frommelt completed his residency in pediatrics at the University of California Los Angeles (UCLA). In the late 1980s, he moved to Ann Arbor, Michigan, for his pediatrics cardiology fellowship at the University of Michigan Medical Center. He remained in the Midwest to start his career as a pediatric cardiologist at the Herma Heart Institute at Children's Wisconsin and the Division of Pediatric Cardiology at the Medical College of Wisconsin in Milwaukee. From 1991-2022, Dr. Frommelt was the Director of Pediatric Echocardiography at Children's Wisconsin, and currently he is the Director of the Pediatric Echocardiography Core Research Laboratory at the Medical College of Wisconsin.

Dr. Frommelt has a long-standing commitment to training and mentoring in pediatric cardiology. One of his most noteworthy accomplishments is establishing the Pediatric Cardiology Fellowship at the Medical College of Wisconsin in 2003 and serving as its inaugural Director. Additionally, he and his wife Michele—who is also a pediatric cardiologist—have hosted morning echo review sessions at the institution for decades to engage sonographers and fellows in the utility of echocardiography. Colleagues say that these sessions are a core component of the fellowship program and expose not only Dr. Frommelt's expertise, but encourage high-level discussions regarding the clinical care of patients.

In addition to being an approachable and professional educator, Dr. Frommelt is also a dedicated ASE

volunteer and has served on the Board of Directors (2007-2009) and several committees, task forces, and writing groups. From 2009-2011, he chaired the Pediatric and Congenital Heart Disease Council, and he achieved Fellowship status from ASE in 2007. He is the recipient of numerous awards and honors and has received an Outstanding Teacher Award five times throughout his career. Additionally, he has given over 100 invited lectures at various national conferences, written nearly 30 book chapters and reviews, and co-authored more than 130 peer-reviewed publications.

Legendary UCLA basketball coach John Wooden—from Dr. Frommelt's residency alma mater—said, "The best leaders are lifelong learners," and colleagues describe Dr. Frommelt as a perpetual learner committed to sharing his knowledge with others. He has mentored more than 60 pediatric cardiology fellows during his decades-long career and teaches all levels of learners. He stresses the importance of maintaining a high level of skill and attention to detail in both scanning and interpretation, yet he is also admired for his humility and humor.

In his free time, Dr. Frommelt enjoys photography and traveling with his wife and four children. He is also an avid golfer and passionate local sports fan, holding season tickets to the Marquette Golden Eagles and Green Bay Packers.



CARDIOVASCULAR SONOGRAPHER DISTINGUISHED TEACHER AWARD

**Richard A. Palma, BS, ACS, RCCS, RCS,
RDCS, FACVP, FSDMS, FASE**

Duke University Medical Center
Durham, NC

ASE is pleased to announce Mr. Richard “Richie” Palma as the recipient of the 2023 Cardiovascular Sonographer Distinguished Teacher Award recognizing his exceptional capabilities as a sonographer, instructor, and leader in the field of echocardiography, and his wide-reaching influence on past, current, and future cardiac sonographers.

The best educators are often recognized by the achievements of their students, and Mr. Palma has helped countless students excel and succeed as a result of his teachings and guidance. Twenty-four of his students have received ASE grants or scholarships, including the Alan D. Waggoner Student Scholarship Award, Katanick Scholarship Award, and the Feigenbaum Cardiovascular Sonographer Student Travel Grant. A large number of his past students currently work at some of the most distinguished echo labs in the country, and he is continuing to shape the future of echocardiography as an educator and mentor.

Mr. Palma earned his Bachelor of Science in education with a concentration in cardiovascular health and exercise from Northeastern University. Early in his career, he worked as a Senior Research Analyst and Non-Invasive Cardiovascular Technologist at institutions in Boston and Connecticut. In 1992, he served as the Chief Cardiac Sonographer at Saint Francis Hospital and Medical Center before founding the nationally accredited Hoffman Heart and Vascular Institute School of Cardiac Ultrasound in 2001 where he was the Director and Clinical Coordinator. Since 2020, Mr. Palma has served in a similar role at Duke University’s School of Medicine in Durham, NC. Under his direction, students at both programs achieved a 100-percent registry pass rate and job placement rate. In addition to helping others succeed, Mr. Palma has earned many personal accolades. He is a recipient of the Duke School of Medicine Cardiology Teaching Award and achieved Fellowship status from ASE, the

Society of Diagnostic Medical Sonography (SDMS), and the Alliance of Cardiovascular Professionals (ACVP). Additionally, in 2009 and 2012, he was ASE’s Sonographer Volunteer of the Month and in 2011 was the SDMS Distinguished Educator of the Year.

Furthermore, Mr. Palma is an active volunteer. Since joining ASE in 1997, he has served on the Board of Directors (2012-2015), chaired the International Sonographer Training Task Force, and been a member of multiple committees, workgroups, and writing groups. He is registered through both the ARDMS and the CCI in adult, congenital, and advanced cardiovascular sonography. He currently serves on the both the SDMS and CAAHEP Board of Directors. Mr. Palma has authored *The Echocardiographer’s Pocket Reference 6th Edition* and co-authored the new *Congenital Echocardiographer’s Pocket Reference*.

Mr. Palma is an enthusiastic and passionate advocate for echocardiography who has dedicated his 33-year career to advancing the field. He is revered as a top speaker for cardiovascular sonography and has chaired and moderated 27 sessions and presented hundreds of academic lectures at local, national, and international conferences.

When not working as a cardiac sonographer, teacher, or mentor—Mr. Palma enjoys exercising, playing golf, watching all New England sports, and cherishes time spent with family, which usually includes chasing his twin grandsons who have just learned to walk.



OUTSTANDING ACHIEVEMENT IN PERIOPERATIVE ECHOCARDIOGRAPHY AWARD

Madhav Swaminathan, MD, MMCI, FASE

Duke University Medical Center
Durham, NC

The Perioperative Echocardiography Council selects Dr. Madhav Swaminathan as the 11th recipient of the Outstanding Achievement in Perioperative Echocardiography Award for his accomplished, well-respected career in anesthesiology and in recognition of his important contributions to the specialty of perioperative echocardiography.

Dr. Swaminathan completed his medical education and training in anesthesiology and critical care in New Delhi, India, before heading to Belgium and then the United Kingdom to train in cardiac anesthesia. In July 2000, he completed a fellowship in adult cardiothoracic anesthesiology and critical care medicine from Duke University School of Medicine in Durham, NC, and he continues to practice in Duke's healthcare system today. Currently, he is a tenured Professor of Anesthesiology and the Vice-Chair for Faculty Affairs at Duke. Previously, Dr. Swaminathan served as the institution's Director of Perioperative Echocardiography from 2004-2014, and the Clinical Director of the Division of Cardiothoracic Anesthesia and Critical Care Medicine from 2014-2018.

Dr. Swaminathan is an active member of several medical societies, including the American Medical Association, Society of Cardiovascular Anesthesiologists, Association of Cardiac Anesthesiologists, and the American Heart Association, to name a few. He first joined ASE in 2001 and he is known for his many first leadership roles as an anesthesiologist. He was the first anesthesiologist to serve as the Society's President from 2019-2020, and to deliver the 16th Feigenbaum Lecture at the 2016 ASE Scientific Sessions and the 32nd Edler Lecture at the 2021 ASE Scientific Sessions. Other noteworthy positions he has held at ASE include serving as Chair of the Perioperative Echocardiography Council and the Membership, Nominations, and International Relations Committees. He achieved Fellowship status from ASE in 2005, and since 2016, he has been a member of the Editorial



Board for CASE, ASE's open access case reports journal.

Nationally and internationally recognized for his expertise in perioperative echocardiography and echocardiography, Dr. Swaminathan is a frequent invited speaker for many echo-related topics at conferences and institutions worldwide. His research interests include perioperative echocardiography and cardiac surgery-associated acute kidney injury, both of which he has numerous funded projects and more than 200 publications. He is also the co-editor of the popular textbook, *Clinical Manual and Review of Transesophageal Echocardiography*.

In addition to his many contributions and significant achievements in the fields of anesthesiology and echocardiography, Dr. Swaminathan also finds ways to help others. He has mentored numerous fellows, residents, and medical students. He is currently a member of two local nonprofit organizations dedicated to improving the lives of individuals with autism and was awarded Duke's MLK Community Service Award in 2013.

When not working, you will likely find Dr. Swaminathan at his home in Durham, NC, with a cooking or painting utensil in his hand. He enjoys baking breads and composing impressionist ethnic oil paintings. He and his wife also enjoy traveling to destinations in Europe and India.

ASE MENTORSHIP AWARD

Allan L. Klein, MD, FASE

Cleveland Clinic
Cleveland, OH

Dr. Allan L. Klein is the recipient of the 2023 American Society of Echocardiography Mentorship Award recognizing his leadership in the field of echocardiography, career-long involvement with ASE, and his exceptional commitment to mentorship.

Dr. Klein has been a dedicated and impactful leader of ASE since first joining the Society in 1987. He served as President from 2016-2017, where some of his initiatives included building the ImageGuideEcho™ Registry and conceptualizing ASE's Leadership Academy. For the last nearly four decades, he has held a variety of meaningful positions on ASE committees, task forces, and specialty interest groups, and has chaired or co-chaired the Industry Relations, Guidelines and Standards, Nominations, and Advocacy committees, to name just a few. He has also been a member of the *Journal of the American Society of Echocardiography* editorial board and an abstract grader for multiple Scientific Sessions. He achieved Fellowship status from ASE in 2003.

His personal contributions have largely impacted ASE's past, but it is his influence on ASE's future leaders that will continue to be felt for years to come. His deep understanding of the Society has permitted him to mentor ASE Fellows and ASE research finalist award winners, committee chairs, and Leadership Academy members. His accomplishments as a clinician, researcher, and educator have enabled him to help both physicians and sonographers navigate challenges in their careers and increase their network and collaborations with peers. His mentees describe him as generous, approachable, encouraging, supportive, and a great listener.

A Canadian by birth, Dr. Klein earned his medical degree from McGill University in Montreal, Quebec. He completed his clinical training at Mount Sinai Hospital in Toronto and the Royal Victoria Hospital in Montreal. After completing a cardiology residency at the University of Ottawa Heart Institute, Ottawa,



ON, and a research fellowship at the Mayo Clinic in Rochester, MN, he was appointed to Cleveland Clinic, Cleveland, OH, in 1989 where he continues to practice today. He is currently a Professor of Medicine at the Cleveland Clinic Lerner College of Medicine of Case Western University, Director of the Center for the Diagnosis and Treatment of Pericardial Diseases, and a staff cardiologist in the Section of Cardiovascular Imaging Department of Cardiovascular Medicine, Heart Vascular and Thoracic Institute.

Dr. Klein is an expert in diastolic function, pericardiology, and the role of TEE in evaluating patients prior to cardioversion. He has authored or co-authored more than 400 peer-reviewed articles in professional journals, co-authored over 50 book chapters in medical textbooks, and published over 500 abstracts. He has published seminal articles on clinical trials in the *New England Journal of Medicine*. He is the recipient of multiple ASE Outcomes Research Awards, and the co-editor of two editions of a book entitled *Diastology: Clinical Approach to Diastolic Heart Failure and Clinical Echocardiography Review: A Self-Assessment Tool*. He is also actively involved with the National Board of Echocardiography (NBE), volunteering on the organization's ASCeXAM Writing Committee and Board of Directors. Currently, he is an officer on NBE's Board serving as the Treasurer/Secretary.

Dr. Klein spends his free time as an avid sportsman cycling, hiking, golfing, and playing ice hockey and pickle ball. Speaking in French and English are useful during his worldly travels with his wife and their three children.

MERITORIOUS SERVICE AWARD

William A. Zoghbi, MD, FASE

Houston Methodist Hospital
Houston, TX

Dr. William Zoghbi is the recipient of the 2023 Meritorious Service Award recognizing his numerous contributions to cardiology, echocardiography, and cardiac imaging, and celebrating his nearly 40-year career as a renowned clinician-researcher, mentor, and volunteer. ASE thanks Dr. Zoghbi for his immeasurable amount of time and energy spent advancing the Society and the field.

A prominent leader in cardiovascular medicine, Dr. Zoghbi is known for his research on ischemic heart disease, myocardial function and hibernation, and for his development of echocardiographic techniques to evaluate valvular disease. He has authored more than 350 original publications and has presented lectures on his work at every major cardiology conference around the globe. He is a much sought-after mentor and has trained over 100 cardiology fellows in advanced cardiovascular imaging, many of whom now hold leadership positions worldwide.

Dr. Zoghbi has been a devoted member of ASE since first joining the organization in 1987. He served as President from 2008-2009 and has chaired the Scientific Sessions Program; ASE Research; Finance, Strategy, and Development; Nominations; and ASE Foundation Annual Appeal Committees. Since 2021, he has been the Director of the annual State-of-the-Art Echocardiography (SOTA) Course, a premier program that presents a broad range of echo-related topics helping attendees enhance their clinical practice. Dr. Zoghbi has also played a significant role in some of ASE's most cited Guidelines, and he has chaired five Guideline Writing Groups since 2003 on valvular disease. He is a previous ASE Award Winner, receiving the Richard Popp Excellence in Teaching Award in 2004.

Dr. Zoghbi is also an active member and longtime leader in a variety of other organizations. He served as President of the American College of Cardiology (ACC) in 2012 and is currently Associate Editor of the organization's *JACC: Cardiovascular Imaging*. He has

achieved Fellowship status at ASE, the Council on Clinical Cardiology, and the American Heart Association and is Master of the ACC. Additionally, many organizations have celebrated his purposeful contributions to the field with teaching and research awards.

Born in Beirut, Lebanon, Dr. Zoghbi earned a Bachelor of Science in biology and chemistry from American University of Beirut. In the late 1970s, he moved to the United States to complete his residency and fellowship at Baylor College of Medicine in Houston, TX, where he joined the faculty in 1985. After a 20-year tenure, he remained in the Lone Star State and served as the John S. Dunn Professor of Medicine and Director of the Echocardiography Laboratory at Houston's Methodist DeBakey Heart & Vascular Center. In 2005, Dr. Zoghbi established the Cardiovascular Imaging Institute at Houston Methodist, and currently, he is the Elkins Family Distinguished Chair in Cardiac Health, Chairman of the Department of Cardiology at Houston Methodist and Professor of Medicine at Weill Cornell Medical College and the Institute of Academic Medicine.

In between work commitments, Dr. Zoghbi values time spent with his family and three grandchildren, loves to travel, and makes time to enjoy many music genres and the outdoors, including hiking, fishing in Alaska/British Columbia, and tending to his garden.





RECAP OF THE ASE FOUNDATION'S MARCH GAMES FUNDRAISING COMPETITION

Contributed by
Mary Carmody,
Managing Director,
ASE Foundation
and CoA-ACS

During the month of March, the ASE Foundation hosted its inaugural [March Games](#) fundraiser. It began March 1st and ran through April 2nd. In the spirit of friendly competition, four ASE member groups competed to raise the most money for the Foundation and encouraged donations in honor of women to celebrate Women's History Month. The participating ASE groups were:

- **Interventional Echocardiography Council Steering Committee**
- **Cardiovascular Sonography Council Steering Committee**
- **Circulation & Vascular Ultrasound Council Steering Committee**
- **Emerging Echo Enthusiast Specialty Interest Group**

The competition began with a slow start, but was quite the nail-biter at the end! We are excited to announce the winners of the 2023 ASE Foundation March Games:

Interventional Echocardiography Council Steering Committee

The Interventional Echocardiography (IE) Council Steering Committee raised a total of \$1,370!

"As members of the IE Council Steering Committee we felt that it was important to give back to ASE by supporting the ASE Foundation. The Foundation has several initiatives, one of which is travel grants and scholarships that are extremely important.

These grants provide opportunities for trainees to attend the ASE Scientific Sessions and in most instances be able to present their research." - **Nishath Quader, MD, FASE**, Interventional Echocardiography (IE) Council Steering Committee Chair-Elect



As the winners of the competition, the IE Council Steering Committee have been crowned one of the Foundation's "Biggest Hearts" that will be announced during the Opening Plenary session at ASE 2023 Scientific Sessions. A photo of the group will be published in an upcoming issue of JASE.

PLEASE JOIN US in congratulating all the teams for their fundraising efforts on behalf of the Foundation.

- Interventional Echocardiography Council Steering Committee - \$1,370
- Cardiovascular Sonography Council Steering Committee - \$630
- Circulation & Vascular Ultrasound Council Steering Committee - \$450
- Emerging Echo Enthusiast Specialty Interest Group - \$350

ECHO

ASE'S MISSION

To advance cardiovascular ultrasound and improve lives through excellence in education, research, innovation, advocacy, and service to the profession and the public.