

American Society of Echocardiography

ASE2022

HYBRID

SOUND WAVES IN SEATTLE: CONNECTING THE WORLD

June 10-13,
2022
Seattle, WA

33rd Annual Scientific Sessions
Seattle Convention Center

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SCHEDULE AT A GLANCE

SCIENTIFIC PROGRAM TRACKS & LEVELS

ADULT CONGENITAL HEART DISEASE (A)

In line with the ASE's PCHD Council, the ACHD track addresses the adult-specific congenital cardiovascular diseases. The esteemed faculty will be presenting relevant topics that cover a wide spectrum of ACHD. These highly educational ACHD sessions offer an enriching practical learning opportunity for sonographers, physicians, and ACHD specialists.

CIRCULATION (C)

ASE's Council on Circulation & Vascular Ultrasound has selected relevant topics and valuable presentations that cover a broad-spectrum of arterial and venous diseases. The program is focused on advancing knowledge and clinical practice in vascular conditions.

EARLY CAREER (EC)

The Early Career session this year was created by ASE's Emerging Echo Enthusiasts (E3) Specialty Interest Group. Career development sessions for sonographers and physicians as well as knowledge translation across generations, debates, and a special faculty networking event have all been designed for early career physicians and sonographers.

IMAGING FUNDAMENTALS (F)

This track, designed by lead sonographer practitioners, focuses on basic to advanced echocardiographic concepts and practices for today's cardiac sonographer. These sessions will help to enhance and expand your practical and theoretical knowledge of echocardiography in the assessment of various cardiac diseases. This includes strain imaging and 3D echo. The Brian Haluska Sonographer Research Award Competition will showcase four of the best sonographer research abstracts for 2022.

INNOVATION/TECHNOLOGY (IT)

The Innovation/Technology Track has been designed to communicate recent advances that improve quality. Topics include clinically-relevant innovations that improve diagnostic accuracy, quantification, and workflow and breakthrough cutting-edge technologies that will be used for treating the patients of tomorrow.

ISCHEMIA (I)

The Ischemia Track covers a diverse spectrum inclusive of obstructive and non-obstructive coronary diseases and stress echocardiography. Sessions will address physiology, pathophysiology, diagnosis, and clinical management using echocardiography and multimodality imaging.

MYOCARDIUM/FUNCTION (M)

The Myocardium/Function Track addresses the core and advanced competencies of pathologies involving the myocardium and provides an update about standards of care. Included in this track are sessions on cardio-oncology and non-ischemic cardiomyopathies.

PEDIATRIC/CONGENITAL (PC)

The ASE Council on Pediatric and Congenital Heart Disease (PCHD) has designed a program that will highlight echocardiography and advanced imaging modalities from fetus through adult. Established and upcoming experts in the field will come together to present sessions that will showcase global initiatives including COVID-19 after the pandemic, a fetal symposium, and the always popular Pediatric Jeopardy.

PERIOPERATIVE (P)

The Perioperative Track, designed by ASE's Council on Perioperative Echocardiography, brings together cardiac anesthesiologists, sonographers, cardiologists, and surgeons with the goal of sharing knowledge in cardiovascular care and perioperative/periprocedural echocardiography.

POINT OF CARE (POC)

The Point of Care track focuses a wide spectrum of cardiovascular ultrasound applications by practitioners from diverse training backgrounds, and is inclusive of basic point of care ultrasound (POCUS) through advanced critical care echocardiography. Skillful acquisition, interpretation, and integration of POC findings assist in the rapid bedside diagnosis of important cardiovascular pathology.

RESEARCH (R)

Investigators will present the latest advances in cardiovascular ultrasound throughout the conference, and in a new "Best of Imaging Research" session. Don't miss two special competitions designed to acknowledge exceptional research—the Brian Haluska Sonographer Research Award Competition and the prestigious Arthur E. Weyman Young Investigator's Award Competition, where the four best abstracts submitted compete in front of a panel of luminaries for international recognition. Also, meet the investigators during dedicated poster viewing times in the Echo Expo.

SPECIAL SESSIONS (S)

The 2022 Program Committee has designed the Special Sessions Track to highlight outstanding educational content. Join us for the special session ShowCASE for an interactive case-based game on Sunday afternoon. Other special sessions include Global Artificial Intelligence, Women in Echo, the Value Summit, and more.

VALVES & STRUCTURAL HEART DISEASE (V)

This track has been designed to integrate expertise from all members of the Structural Heart Team (including sonographers, cardiologists, cardiac anesthesiologists). Transcatheter interventions will be reviewed, providing case-based examples for learning. Sessions will highlight the success, challenges, and emerging tools of interventional echocardiography.

FRIDAY, JUNE 10

All times are Pacific time.

REGISTRATION OPEN 12:00 – 6:30 PM				
2:00 – 3:30 PM	PC Echo Path Session	F What's to Gain from Strain	S IAC Echocardiography Boot Camp	POC From POCUS/Critical Care Echocardiography Specialty Interest Group to Critical Care Echocardiography Council: A Transformative Intersocietal Collaboration
3:30 – 3:45 PM	REFRESHMENT BREAK			
3:45 – 5:30 PM	COUNCIL ON CIRCULATION AND VASCULAR ULTRASOUND NETWORKING EVENT	COUNCIL ON PEDIATRIC AND CONGENITAL HEART DISEASE NETWORKING EVENT AND NOMENCLATURE FEST	COUNCIL ON PERIOPERATIVE ECHOCARDIOGRAPHY NETWORKING EVENT	COUNCIL ON CARDIOVASCULAR SONOGRAPHY NETWORKING EVENT
5:30 – 6:30 PM	WELCOME RECEPTION FEATURING ASE'S SPECIALTY INTEREST GROUPS			

ECHO EXPO

The exchange of information and access to new concepts, technology, devices, and research is a vital component of professional development. Get face-to-face with the industry's leading developers and executives who can help you discover what is new, assist you in making the right choices for your institution, and show you ways to reduce costs and improve productivity. The Echo Expo will open with the President's Reception on Saturday afternoon, which is always a highly anticipated event where you can see new products launched. On Sunday and Monday, join luminary faculty during the session breaks on the exhibit floor for intimate Q&A sessions in the Chalk Talk theater.

Research is the heart of every ASE Scientific Sessions. A showcase of electronic posters will feature investigators from around the world presenting cutting-edge research on the latest advances in cardiovascular ultrasound on Sunday and Monday in the Echo Expo. Gain firsthand knowledge and insight from interacting with the scientific investigators.



New this year, we will offer two Science and Technology Theaters within the Echo Expo. This allows for more opportunities to learn the latest information on advances in technology and practice. These industry-supported sessions are independently planned and are not a part of the official ASE 33rd Annual Scientific Sessions as planned by the Program Committee or in any way directly endorsed or affiliated with ASE. These sessions are not included in the ASE approved CME credit.

ACHD (A) CIRCULATION (C) EARLY CAREER (EC) IMAGING FUNDAMENTALS (F) INNOVATION/TECHNOLOGY (IT) ISCHEMIA (I) MYOCARDIUM/FUNCTION (M)
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SCHEDULE AT A GLANCE

SATURDAY, JUNE 11

All times are Pacific time.

REGISTRATION OPEN: 6:00 AM – 6:15 PM / ECHO EXPO OPEN: 3:30 – 6:15 PM						
7:00 – 9:30 AM	LIVE STREAM S STATE OF ASE, 2022 AWARDS PRESENTATION, FASE RECOGNITION, and 33 RD ANNUAL EDLER LECTURE by Judy Hung, MD, FASE					
9:30 – 10:00 AM	REFRESHMENT BREAK CHALK TALK: Advanced Hemodynamics in Hypertrophic Cardiomyopathy					
9:30 – 11:30 AM	WORKSHOP: Perioperative Hands-On Transesophageal Echocardiography Dataset (Ticketed Event. Additional Fee Required)					
9:30 – 11:30 AM	LEARNING LAB: 3D Cropping (Valves) (Ticketed Event. Additional Fee Required)					
10:00 – 11:30 AM	LIVE STREAM EC Knowledge Translation Across the Generations: Case Based Learning	V R Interventional Echo Basics for Beginners: Tips Today for Use Tomorrow	C POCUS (Part 1) in Acute Vascular Disease and Access Complications: Learn the Basics!	S R Best of Imaging Research	PC New Waves to Assess Ventricles <i>Kalmanson Lecture</i>	
10:00 – 11:30 AM	F DIY ACQUISITION ROOM: 3D Echocardiography (Ticketed Event. Additional Fee Required)					
11:30 AM – 1:00 PM	LUNCH BREAK CHALK TALK: E21 Grantees (12:00 – 12:45 PM)					
12:00 – 2:00 PM	LEARNING LAB: Basic Myocardial Strain Imaging (LV, RV, LA) (Ticketed Event. Additional Fee Required)					
1:00 – 2:30 PM	LIVE STREAM V Standards for the Performance of TEE Screening for Structural Heart Intervention	M Echo-OR Correlation	S Looking Good: Practical Tips to Optimize Images and Assure Quality Improvement	IT Great Debates: Waves vs. Particles	A R Challenges of Adult Congenital Heart Disease	F 3D Echo: It's Totally Worth It
1:00 – 2:30 PM	C DIY ACQUISITION ROOM: POCUS (Part 2) in Acute Vascular Disease and Access Complications (Ticketed Event. Additional Fee Required)					
2:30 – 3:00 PM	REFRESHMENT BREAK CHALK TALK: Strain Imaging and Left Ventricular Mechanics					
2:30 – 4:30 PM	LEARNING LAB: Advanced Myocardial Strain Imaging (LV, RV, LA) (Ticketed Event. Additional Fee Required)					
3:00 – 4:00 PM	LIVE STREAM C New Approaches to Vascular Imaging: Arteriopathy	I Is My Lab Ready for Contrast Perfusion Stress Echocardiography? Tips and Tricks	S WASE Research in Depth	EC Sonographer Career Development Pathways	P Prediction: Can We See the Future?	A Thinking Outside the Box in Adult Congenital Heart Disease
3:00 – 4:00 PM	F DIY ACQUISITION ROOM: 3D Echocardiography (Ticketed Event. Additional Fee Required)					
4:00 – 6:00 PM	PRESIDENT'S RECEPTION ECHO EXPO					
4:30 – 5:15 PM	SCIENCE AND TECHNOLOGY THEATER: BRISTOL MYERS SQUIBB					
5:30 – 6:15 PM	SCIENCE AND TECHNOLOGY THEATERS: TBD					
6:30 – 10:30 PM	ASE FOUNDATION SCAVENGER HUNT (Ticketed Event. Additional Fee Required)					

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SCHEDULE AT A GLANCE

SUNDAY, JUNE 12

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REGISTRATION OPEN: 6:30 AM – 5:00 PM / ECHO EXPO OPEN: 9:00 AM – 2:45 PM						
7:00 – 8:30 AM	 P R Hot Topics in Structural Heart Disease	PC Fetal Symposium: Improving Predictions <i>(7:30-9:00 AM)</i>				
7:30 – 9:00 AM	F DIY ACQUISITION ROOM: Left Ventricular, Right Ventricular, and Left Atrial Strain <i>(Ticketed Event. Additional Fee Required)</i>					
7:30 – 9:30 AM	LEARNING LAB: 3D Cropping (Valves) <i>(Ticketed Event. Additional Fee Required)</i>					
8:30 – 9:00 AM	 GARDIN LECTURE by Suzanne Simard, PhD					
9:00 – 9:30 AM	REFRESHMENT BREAK: VISIT ECHO EXPO AND POSTERS CHALK TALK: Novel Uses of Agitated Saline and Contrast in Ultrasound					
9:00 – 9:45 AM	SCIENCE AND TECHNOLOGY THEATER: ABBOTT SCIENCE AND TECHNOLOGY THEATER: PFIZER					
9:30 – 11:00 AM	 S Women in Echo <i>(Joint ASE/EACVI Session)</i>	POC Innovation Through Collaboration: Tackling POCUS Training and Education from a Multi-Specialty Perspective	S Advances in Echo in Assessment of Congenital Heart Disease <i>(Joint ASE/JSE Session)</i>	V R Intracardiac Imaging: Preparing for the ICE Storm	I R Stress Echo in Special Populations	F Educator Summit: Contrast and Competency <i>(Limited Attendance)</i>
9:30 – 11:00 AM	PC DIY ACQUISITION ROOM: Pediatric & Fetal <i>(Ticketed Event. Additional Fee Required)</i>					
11:00 – 1:00 PM	LUNCH BREAK: VISIT ECHO EXPO MODERATED POSTERS: ECHO EXPO CHALK TALK: The Future of QI in Pediatric Cardiology: The QI Consortium					
11:15 AM – 12:15 PM	SCIENCE AND TECHNOLOGY THEATER: GE HEALTHCARE SCIENCE AND TECHNOLOGY THEATER: PHILIPS HEALTHCARE					
11:30 AM – 1:30 PM	LEARNING LAB: 3D Volume Function <i>(Ticketed Event. Additional Fee Required)</i>					
1:00 – 2:00 PM	 POC Multispecialty POCUS in a Continuum of Care for the Critically Ill	PC Neonatologist Performed Targeted Neonatal Echo: Evolution of the Field, Contemporary Perspectives and Impact on Clinical Outcomes <i>(Neonatal Hemodynamics TnECHO SIG Session)</i>	S R Brian Haluska Sonographer Research Award Competition	P Perioperative Case Dilemmas: Role of Imaging to Optimize Patient Care	EC Advancing Your Academic Career (for Physicians)	C Diagnosis and Novel Intervention for the High-Risk Pulmonary Embolism
2:00 – 2:30 PM	REFRESHMENT BREAK: VISIT ECHO EXPO AND POSTERS CHALK TALK: AORTIC STENOSIS: CLARIFYING THE CONCEPTS OF SEVERITY					
2:00 – 2:45 PM	SCIENCE AND TECHNOLOGY THEATER: ULTRONICS					
2:30 – 3:30 PM	 IT CROP OFF!	PC Pediatric Jeopardy				Women in Echo Networking Session featuring the Kerber Lecture by Linda K. Kerber, PhD
3:30 – 5:00 PM	 M R Multimodality Imaging in Cardiomyopathy	S ShowCASE: Interactive Gameshow & Twitter Event				
7:00 – 11:00 PM	ASE FOUNDATION RESEARCH AWARDS GALA <i>(Ticketed Event. Additional Fee Required)</i>					

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Schedule subject to change. For detailed information, visit [ASEScientificSessions.org](https://www.ase.org/ASEScientificSessions).

SCHEDULE AT A GLANCE

MONDAY, JUNE 13

All times are Pacific time.

REGISTRATION OPEN: 7:30 AM – 5:30 PM / ECHO EXPO OPEN: 10:00 AM – 4:00 PM						
8:00 – 10:00 AM	LIVE S R ARTHUR E. WEYMAN YOUNG INVESTIGATOR COMPETITION and 23 RD ANNUAL FEIGENBAUM LECTURE by Harvey Feigenbaum, MD, FASE					
10:00 – 10:30 AM	REFRESHMENT BREAK: VISIT ECHO EXPO AND POSTERS CHALK TALK: WHAT IS THE VOLUME STATUS OF MY PATIENT: HOW POCUS CAN HELP					
10:30 – 11:15 AM	SCIENCE AND TECHNOLOGY THEATERS: TBD					
11:00 AM – 12:30 PM	LIVE I R Stress Echo: Intersection of Guidelines and Clinical Practice	S Value Summit: Maintaining Value in the Echo Lab	M R Deep Dive into the Atria	A R Multidisciplinary Approach to Complex Adult Congenital Heart Disease Cases	F Mitral Regurgitation: Stuff You Should Know	IT R Veterinary Echo Cases
11:00 AM – 12:30 PM	F DIY ACQUISITION ROOM: Left Ventricular, Right Ventricular, and Left Atrial Strain (Ticketed Event. Additional Fee Required)					
11:00 AM – 2:30 PM	PC LEARNING LAB: Strain/3D in Congenital Heart Disease Patients (Ticketed Event. Additional Fee Required)					
12:30 – 2:00 PM	LUNCH BREAK: VISIT ECHO EXPO MODERATED POSTERS: ECHO EXPO CHALK TALK: From Twitter To Tenure: How to Effectively Use Social Media as an Echocardiographer					
12:45 – 1:45 PM	SCIENCE AND TECHNOLOGY THEATER: BRACCO SCIENCE AND TECHNOLOGY THEATER: LANTHEUS MEDICAL IMAGING INC.					
2:00 – 3:30 PM	LIVE PC R COVID After the Pandemic	S Global Artificial Intelligence (Joint ASE/EACVI Session)	C R Screening and Diagnosis of Complex Aortic Disease	V R Establishing a Structural Interventional Imaging Program: An Echocardiographer's Perspective	M Decoding Mysteries of a Thick Heart	EC Great Debates: 3D, Artificial Intelligence, and Multimodality Imaging
2:00 – 3:30 PM	A DIY ACQUISITION ROOM: Adult Congenital Heart Disease (Ticketed Event. Additional Fee Required)					
3:30 – 4:00 PM	REFRESHMENT BREAK: VISIT ECHO EXPO AND POSTERS CHALK TALK: Educating Fellows in the Art of Imaging					
4:00 – 5:30 PM	LIVE F Discordant Data Dilemmas in Aortic Stenosis	POC Great Debates: Transesophageal Echocardiography During Cardiac Arrest Resuscitation	IT Deploying Artificial Intelligence Systems in the Echo Lab	P Great Debates: Approaches to Mitral Regurgitation and 3D Quantification	C CODE AORTA! Management and Surveillance of Acute Aortic Syndromes	M Contemporary Role of Echo in Cardio-Oncology
4:00 – 5:30 PM	EC MEET THE FACULTY NETWORKING SESSION					
6:00 – 9:00 PM	FACULTY RECEPTION (INVITATION ONLY)					

Accreditation and Designation

ASE is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

ASE designates this live activity for a maximum of **23 AMA PRA Category 1 Credits™** pending approval. Registration also includes on-demand access to an additional 44 sessions for up to an additional **52 AMA PRA Category 1 Credits™** pending approval.

Successful completion of this CME activity may allow participants to earn MOC points in the Maintenance of Certification (MOC) programs for:

- American Board of Internal Medicine (ABIM)
- American Board of Pediatrics (ABP)
- Royal College of Physicians and Surgeons of Canada

It can also qualify for MOCA® points in The American Board of Anesthesiology® (ABA) Maintenance of Certification in Anesthesiology Program®.

The following organizations have a mutual recognition of AMA CME credit:

- European Union of Medical Specialists (UEMS)-European Accreditation Council for Continuing Medical Education (EACCME)
- European Board of Accreditation in Cardiology (EBAC)

The following organizations honor the credit hours toward their registry requirements for sonographers:

- ARDMS
- CCI
- Sonography Canada

Conference organizers plan to apply for *AAPA Category 1 CME credits* from the AAPA Review Panel. The total number of approved credits is yet to be determined.

Attending this course can also help you achieve all the CME you need to meet IAC CME requirements for echo lab physicians and sonographers.



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