ADVANCE PROGRAM

October 30 – November 1, 2021
Disney’s Yacht & Beach Club Resort
Walt Disney World®, FL

Course Director
Linda D. Gillam, MD, MPH, FASE
Past President, ASE
Morristown Medical Center
Morristown, NJ

Course Co-Director
Matt Umland, ACS, RDGS, FASE
Aurora Health Care
Milwaukee, WI

Register now at ASEcho.org/EchoFlorida
Welcome Back to In-Person Meetings

ASE is excited to welcome all cardiovascular ultrasound enthusiasts back to in-person learning with the 9th Annual Echo Florida course. The health and safety of our attendees is of utmost importance. We are committed to providing a safe, productive, and welcoming environment for everyone. To learn more about the precautions we have put in place, in partnership with Disney’s Yacht & Beach Club Resort, you may review the Code of Conduct and COVID-19 Statement online at ASEcho.org/EchoFlorida/Policies.

Overview of Echo Florida

Echo Florida is a comprehensive review of cardiovascular ultrasound in clinical practice. The faculty is composed of experts who will discuss the strengths and limitations of established and emerging technologies, and illustrate how these technologies can be used to improve and streamline patient care in a cost-conscious manner.

Course Highlights

There is heavy emphasis on case-based learning. Topics include:

- Coronary artery disease including stress testing
- Valvular heart disease
- Interventional imaging
- Heart failure (systolic and diastolic) and cardiomyopathy
- Emerging technologies including contrast, 3D/4D echocardiography, and strain imaging
- Complex congenital heart disease
- Case-based demonstrations on role of 2D and real time 3D/4D echocardiography to select, guide, and follow percutaneous structural heart disease interventions such as transcatheter aortic valve replacement and percutaneous mitral valve repair

Who Should Attend

This course is designed for adult and pediatric cardiologists, cardiovascular surgeons, cardiovascular anesthesiologists, cardiac radiologists, fellows in training, cardiovascular sonographers, cardiovascular nurse specialists, internists, intensivists, and emergency physicians with special interest in clinical cardiology and echocardiography.

Course Registration

Registration fees include breakfasts, lunches, refreshment breaks, CME/MOC credit, and access to the content on-demand in the ASE Learning Hub from November 15, 2021 through December 30, 2021. ASE members take advantage of reduced registration fees as a benefit of membership. Register online at ASEcho.org/EchoFlorida.

Accreditation and Designation

The American Society of Echocardiography is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Echocardiography designates this live activity for a maximum of 24 AMA PRA Category 1 Credits™ pending approval. To claim all 24 CME credits you must attend two of the workshop sessions on Saturday and one workshop session on Sunday. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Successful completion of this CME activity enables the participant to earn up to 24 MOC points (pending approval) in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program and/or The American Board of Anesthesiology® (ABA) Maintenance of Certification in Anesthesiology Program® or MOCA®. Participants will earn MOC and/or MOCA points equivalent to the amount of CME credits claimed for the activity. It is ASE’s responsibility to submit participant completion information to ACCME for the purpose of granting ABA MOCA and/or ABIM MOC points.

Maintenance of Certification in Anesthesiology Program® and MOCA® are registered certification marks of the American Board of Anesthesiology®. MOCA 2.0® is a trademark of the American Board of Anesthesiology®.
**Disney's Yacht & Beach Club Resort**

Delight in the formal grace of a grand New England-style yacht club at this lakeside hotel. Relax in the inviting elegance of a plush lobby replete with nautical touches, explore the whimsical Stormalong Bay and rent a variety of watercraft from Bayside Marina. Sharing many amenities with its pastel-toned sister, Disney's Beach Club Resort, Disney's Yacht Club Resort is walking distance to Epcot® and a convenient boat ride to Disney's Hollywood Studios®.

Take the plunge at this beach-side water park area that offers three acres of aquatic fun for the whole family. Catch currents in an expansive sand-bottomed pool. From atop the mast of a life-sized shipwreck replica, zip down a 230-foot-long water slide, one of the highest hotel slides at Walt Disney World Resort. Float down the lazy river on an inner tube, unwind in one of three whirlpool spas, or simply relax on the elevated tanning deck. There is also an array of other dazzling leisure activities like tennis, volleyball, fishing, and movie projections under the stars to name a few.

The Ship Shape Resort Fitness Center and Salon, features a full-service spa, salon, and fitness facility where you can keep up with your daily workout routine or surrender to pampering treatments like a massage or facial.

The championship golf courses at Walt Disney World Resort are just a short drive away! These courses have garnered praise and prestigious awards for their superlative design, impeccable service, world-class amenities and overall playability throughout the years. When you play any of the four courses, you will discover the characteristic beauty and benefits that continue to rake in the accolades for Disney Golf.

**Magic at Your Fingertips:** Plan and share your Walt Disney World vacation with the My Disney Experience mobile app. Manage your Disney Resort reservation, find character greeting locations and times, and access Resort transportation routes all with the touch of your finger. Download the My Disney Experience app from the App Store or Google Play.

**Make Time for the Magic!**

As a Disney Resort Guest, you will enjoy special benefits that make your Walt Disney World® stay easier and more relaxing than ever. These benefits provide everything from extra time in the Theme Parks to convenient transportation.

Special ticket options are available for meeting attendees. You must purchase online at MyDisneyGroup.com/EchoFL2021 or call 407-939-4686 to receive these special Theme Park tickets. Please visit this website: DisneyWorld. DisneyGo.com/Experience-Updates/Resorts for more information on everything you need to know about visiting Disney.

**Accommodations**

ASE has secured a block of rooms at a discounted rate of $295 per night plus tax (based on single/double occupancy) at Disney's Yacht & Beach Club Resort. Hotel reservations and Theme Park tickets can be booked online at MyDisneyGroup.com/EchoFL2021 or by contacting Disney directly at 407-939-4686. Agents are available Monday—Friday 8:30 AM—6:00 PM ET and over the weekend 8:30 AM—5:00 PM ET. Please specify that you are with the “American Society of Echocardiography” to secure the group rate.

We encourage you to book your hotel accommodations as soon as you register for the course. Due to the high demand expected at Disney over Halloween weekend, we anticipate the hotel and room block will sell out. The room block will be held until Wednesday, September 29, 2021, or until the block is sold out. After this date, reservations will be accepted on a space-available basis. A deposit of one night’s room and tax will be taken at the time of the reservation. Deposits will be forfeited for any cancellations occurring five days or less prior to arrival.

Take advantage of group rates* and add a few extra days for a spectacular golf or spa getaway, or the perfect vacation with family and friends.

*Subject to availability of group rate rooms. ASE rooms may be reserved at the discounted group rate for the three days before Thursday, October 28, 2021 and the three days after Tuesday, November 2, 2021. Group rates may not be combined with any other discounts or offers.
Invited Faculty

Faculty

Gerard Aurigemma, MD, FASE
UMass Memorial Medical Center
Worcester, MA

Yvette Carvallo, RDCS, RVS, FASE
Morristown Medical Center
Morristown, NJ

Doreen DeFaria Yeh, MD, FASE
Massachusetts General Hospital
Boston, MA

John Gorcsan III, MD, FASE
Penn State University College of Medicine
Hershey, PA

Judy Hung, MD, FASE
ASE Immediate Past President
Massachusetts General Hospital
Boston, MA

Konstantinos Koulogiannis, MD
Morristown Medical Center
Morristown, NJ

Feroze Mahmood, MD, FASE
Beth Israel Deaconess Medical Center
Boston, MA

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Morristown, NJ

Feroze Mahmood, MD, FASE
Beth Israel Deaconess Medical Center
Boston, MA

Schedule of Events

Friday, October 29, 2021
4:00 – 7:00 PM
Registration

Saturday, October 30, 2021
The Basic Tools in the Toolbox

Course Director

Linda D. Gillam, MD, MPH, FASE
Past President, ASE
Morristown Medical Center
Morristown, NJ

Course Co-Director

Matt Umland, ACS, RDCS, FASE
Aurora Health Care
Milwaukee, WI

Leo Marocco, MD, FASE
Morristown Medical Center
Morristown, NJ

Amit Patel, MD
University of Chicago Medical Center
Chicago, IL

Muhammed Saric, MD, PhD, FASE
New York University
New York, NY

Stanton Shernan, MD, FASE
Brigham and Women’s Hospital
Boston, MA

Vincent Sorrell, MD, FASE
University of Kentucky
Lexington, KY

Raymond Stainback, MD, FASE
ASE President
Texas Heart Institute, Baylor St.
Luke’s Medical Center
Houston, TX

Lissa Sugeng, MD, MPH, FASE
Yale University
New Haven, CT

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Luke’s Medical Center
Houston, TX

Lissa Sugeng, MD, MPH, FASE
Yale University
New Haven, CT

“Excellent course with great instructors. Covered a large number of clinically relevant topics with practical hands on advice.”
– Echo Florida Attendee
### Schedule of Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:50 AM</td>
<td>Diastolic Function: Normal? Abnormal? I Don't Know! How to Reconcile Conflicting Results</td>
<td>G. Aurigemma, J. Gorcsan</td>
</tr>
<tr>
<td>11:15 AM</td>
<td>3D Echo Picture Perfect: Acquisition, Cropping, and Display</td>
<td>S. Shern</td>
</tr>
<tr>
<td>11:40 AM</td>
<td>How I Do a TEE: Tricks of the Trade</td>
<td>L. Sugeng</td>
</tr>
<tr>
<td>12:05 PM</td>
<td>Question and Answer</td>
<td></td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:30 PM</td>
<td>3D Cases: Optimizing Acquisitions and Where 3D Makes a Difference</td>
<td>TBD</td>
</tr>
<tr>
<td>1:55 PM</td>
<td>I Can See Clearly Now: Where Contrast Administration Makes a Difference</td>
<td>TBD</td>
</tr>
<tr>
<td>2:20 PM</td>
<td>Stress Echocardiography I: Coronary Artery Disease Treadmill, Bicycle, and Pharmacologic</td>
<td>G. Aurigemma</td>
</tr>
<tr>
<td>2:40 PM</td>
<td>Stress Echocardiography II: Non-Coronary Artery Disease Indicators and How to</td>
<td>K. Koulogiannis</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Question and Answer</td>
<td></td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

#### Workshops – Optional Small Group Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45 – 4:30 PM</td>
<td>Breakout Room 1: Chalk Talk – You Choose the Topic (will poll participants prior to meeting)</td>
<td>Y. Carvallo, M. Umland</td>
</tr>
<tr>
<td></td>
<td>Breakout Room 2: Strain - How to Get it Right</td>
<td>J. Gorcsan, M. Umland</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:45 – 5:30 PM</td>
<td>Breakout Room 1: Strain – How to Get it Right</td>
<td>J. Gorcsan, M. Umland</td>
</tr>
<tr>
<td></td>
<td>Breakout Room 2: Chalk Talk – You Choose the Topic (will participants poll prior to meeting)</td>
<td>Y. Carvallo, M. Umland</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

**Sunday, October 31, 2021**

**Doorways Through Your Heart: Valvular Heart Disease**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 AM</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>7:15 AM</td>
<td>Saturday Round Up: Questions You Forgot to Ask</td>
<td>L. Gillam</td>
</tr>
<tr>
<td>7:30 AM</td>
<td>Mitral Regurgitation: Primary, Secondary, and Proportionality – Core Concepts and Controversy</td>
<td>L. Gillam</td>
</tr>
<tr>
<td>7:55 AM</td>
<td>Primary Mitral Regurgitation: Spectrum of Disease</td>
<td>F. Mahmood</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Grading Mitral Regurgitation: It’s Complicated</td>
<td>J. Hung</td>
</tr>
<tr>
<td>8:50 AM</td>
<td>“The Half-time Show” Quantitation of Rheumatic and Calcific Mitral Stenosis</td>
<td>K. Koulogiannis</td>
</tr>
<tr>
<td>9:15 AM</td>
<td>Options for Mitral Stenosis Treatment: Planning and Monitoring</td>
<td>F. Mahmood</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>Goofs, Coups, and Mitral Cases I Will Never Forget</td>
<td>F. Mahmood, L. Marcoff, M. Saric</td>
</tr>
<tr>
<td>10:20 AM</td>
<td>Question and Answer</td>
<td></td>
</tr>
<tr>
<td>10:40 AM</td>
<td>Refreshment Break</td>
<td></td>
</tr>
<tr>
<td>11:20 AM</td>
<td>How Echo Assesses Aortic Stenosis: Trying to Get it Right</td>
<td>Y. Carvallo, M. Umland</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Dobutamine Stress Echo for Low Flow, Low Gradient Aortic Stenosis: When and How?</td>
<td>L. Marcoff</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Illustrative Cases of Aortic Regurgitation: Getting the Complete Picture – Why and How Much?</td>
<td>Introduction: L. Gillam, Cases: TBD</td>
</tr>
<tr>
<td>12:25 PM</td>
<td>Question and Answer</td>
<td></td>
</tr>
<tr>
<td>12:35 PM</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:35 PM</td>
<td>No Longer Forgotten: The Tricuspid and Pulmonic Valves</td>
<td>D. DeFaria Yeh, L. Sugeng</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Prosthetic Valves: Not Quite Good as New</td>
<td>K. Koulogiannis</td>
</tr>
<tr>
<td>2:20 PM</td>
<td>Endocarditis: Multimodality Imaging</td>
<td>L. Marcoff, A. Patel</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>POCUS: Here Today and Here Tomorrow – Current Capabilities and the Cardiologist’s Perspective</td>
<td>V. Sorrell</td>
</tr>
</tbody>
</table>

Please note, the Schedule of Events is subject to change. Please visit ASEcho.org/EchoFlorida for the most up-to-date information.
## Schedule of Events

### Monday, November 1, 2021

#### Echocardiographic Potpourri

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 AM</td>
<td>Breakfast</td>
</tr>
<tr>
<td>7:15 AM</td>
<td>Welcome and Summary: Questions That Kept You Awake</td>
</tr>
<tr>
<td></td>
<td>L. Gillam</td>
</tr>
<tr>
<td>7:30 AM</td>
<td>Valvular Heart Disease: The Important Contributions of CT and MRI</td>
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<tr>
<td></td>
<td>A. Patel</td>
</tr>
<tr>
<td>7:55 AM</td>
<td>Aortic and Mitral Interventions: Wow and Oh No – When Things Go Well and Not So Well</td>
</tr>
<tr>
<td></td>
<td>TBD</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Congenital Heart Disease Part I: The Unrepaired Adult</td>
</tr>
<tr>
<td></td>
<td>D. DeFaria Yeh</td>
</tr>
<tr>
<td>8:50 AM</td>
<td>Congenital Heart Disease Part II: The Repaired Adult</td>
</tr>
<tr>
<td></td>
<td>D. DeFaria Yeh</td>
</tr>
<tr>
<td>9:20 AM</td>
<td>Pericardial Disease</td>
</tr>
<tr>
<td></td>
<td>G. Aurigemma, TBD</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Question and Answer</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>10:20 AM</td>
<td>Hypertrophic Cardiomyopathy and Amyloid Heart Disease: An Echo MRI Collaboration</td>
</tr>
<tr>
<td></td>
<td>L. Gillam, A. Patel</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>And Now We Leave the Heart: Diseases of the Aorta</td>
</tr>
<tr>
<td></td>
<td>A. Patel</td>
</tr>
<tr>
<td>11:20 AM</td>
<td>Echo Game Show: Everyone Plays</td>
</tr>
<tr>
<td></td>
<td>J. Gorcsan</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Cardio-Oncology: The Two Deadliest Diseases Combined</td>
</tr>
<tr>
<td></td>
<td>V. Sorrell</td>
</tr>
<tr>
<td>1:55 PM</td>
<td>They’re Here, There, and Everywhere: Assist Devices: What You Need to Know</td>
</tr>
<tr>
<td></td>
<td>M. Saric</td>
</tr>
<tr>
<td>2:15 PM</td>
<td>Source of Embolus: Rapid Fire Cases</td>
</tr>
<tr>
<td></td>
<td>TBD</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>What I See in My Crystal Ball: The Future of Echo – Artificial Intelligence and Beyond</td>
</tr>
<tr>
<td></td>
<td>G. Aurigemma, L. Gillam, J. Gorcsan, V. Sorrell, L. Sugeng</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Going, Going, Gone: Last Call for Questions</td>
</tr>
<tr>
<td></td>
<td>TBD</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Concluding Comments</td>
</tr>
</tbody>
</table>

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“The course was excellent in the way it was run and presentation of the content.”

– Echo Florida Attendee

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Walt Disney World®, FL

Your Echo Florida registration fee includes breakfasts, lunches, refreshment breaks, online access to all the content on-demand (November 15-December 31, 2021), and 24 hours of CME credits and MOC points and/or MOCA.

Name:

Credential: [ ] MD [ ] DO [ ] PhD [ ] RN [ ] RCS [ ] RDCS [ ] Other

Institution:

Email Address:

(All correspondence regarding your registration including your confirmation will be sent to this email address.)

Street Address:

City: State/Province: Zip/Postal Code: Country:

Telephone: Fax:

ASE encourages participation by all individuals. If you have a disability or other specific needs including dietary, advance notification will help ASE to better serve you. Please contact ASE by email at Registrar@ASEcho.org or telephone at 919-861-5574.

Registration Fees

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>Through September 30, 2021</th>
<th>After September 30, 2021</th>
<th>On-Site (Starting October 29, 2021)</th>
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<tbody>
<tr>
<td>ASE Physician Member</td>
<td>$955</td>
<td>$1,055</td>
<td>$1,180</td>
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<tr>
<td>Physician Nonmember</td>
<td>$1,170</td>
<td>$1,270</td>
<td>$1,395</td>
</tr>
<tr>
<td>ASE Sonographer/Allied Health Member/Fellow Member</td>
<td>$695</td>
<td>$795</td>
<td>$920</td>
</tr>
<tr>
<td>Sonographer/Allied Health Nonmember/Fellow Nonmember</td>
<td>$870</td>
<td>$970</td>
<td>$1,095</td>
</tr>
</tbody>
</table>

Code of Conduct and COVID-19 Statement

ASE is committed to providing a safe, productive, and welcoming environment for everyone attending Echo Florida and as such has created the Code of Conduct Policy. Also for the Echo Florida course, ASE has developed a COVID-19 Statement, in partnership with Disney and based on Centers for Disease and Control (CDC) guidance, outlining safety procedures that will be in place during this conference. Please take a moment to review this information online at: ASEcho.org/EchoFlorida/Policies and check the box below to finalize your registration.

☐ I have reviewed and agree to ASE’s Code of Conduct and COVID-19 Statement.

Payment Information Payment must accompany this form.

☐ Check (payable to American Society of Echocardiography in U.S. dollars drawn on a U.S. bank) Credit Card: [ ] Visa [ ] MasterCard [ ] American Express

Cardholder’s Name:

Card Number: Expiration Date: CVC #:

Registration cancellation fees may apply, and ASE reserves the right to determine if a refund is possible. Please see the full cancellation policy online at ASEcho.org/EchoFlorida.