

# CARDIOLOGY 2025

28th Annual Update on  
Pediatric and Congenital  
Cardiovascular Disease

## Hope. Heal. Learn.



**FEB. 19-23, 2025**

Learn more at  
[chop.edu/cardiology2025](http://chop.edu/cardiology2025)

 **Children's Hospital  
of Philadelphia**  
Cardiac Center

*Disney's Yacht & Beach Club Resort*  
Lake Buena Vista, Florida





# WELCOME



Dear Colleagues & Friends,

In a world filled with human angst and societal turmoil, maintaining our professional focus can be a challenge. However, focus on our work is essential. What purer of heart and more noble a task can there be than improving the lives of some of our most disadvantaged humans, struggling with pediatric and congenital cardiovascular disease? Those of us with the desire, natural gifts and skill sets to care for people with these conditions can truly change, improve and repair the world. Providing hope to the afflicted and their families, healing with compassion, equity and resolve, and learning nature's hidden secrets through the discovery of new knowledge, are the principles by which we strive to abide — day in and day out. To hope, to heal and to learn, these efforts uphold the precious value of every life, no matter how damaged or affected by disease, and thus cultivate optimism for a brighter future for humanity.

Regularly sharing what we do and what we know with each other is what keeps our field moving forward. It is with this in mind that we present to you our collaborative gathering: the **28th Annual Update on Pediatric and Congenital Cardiovascular Disease** at the beautiful *Disney Yacht & Beach Club Resort*, in Lake Buena Vista, Florida, Wednesday, Feb. 19, through Sunday, Feb. 23, 2025.

Our theme this year is **Hope. Heal. Learn.** These words summarize the essence of our work. At Cardiology 2025, our course faculty will provide multiple talks in various plenary sessions, as well as presentations in subspecialty breakout sessions and a series of moderated panel conversations. We will cover all areas and topics related to the comprehensive care of the unborn, neonate, child, teen and young adult with cardiovascular disease.

Our conference reflects the multicenter collaboration of institutions across North America, as well as a community of professional disciplines focused on our work: physicians, nurses, surgeons, administrators, scientists, sonographers, allied health professionals as well as patient and family advocates. Through **learning, sharing, networking and professional socializing**, the goals of this educational conference are to give our collaborative community the tools necessary to best deliver a normal quality and duration of life to our patients with pediatric and congenital cardiovascular disease and to support their families.

We warmly welcome you to this year's conference in Florida!

*Jack Rychik,*  
*Course Director for the Organizing Committee*  
*Cardiology 2025*

# GENERAL INFORMATION

## Topics will include:

- The importance of grit and self-regulation in personal success in our profession
- Improving care coordination in partnership with managed care organizations when there is medical complexity
- Community health and equitable access to care in pediatric and congenital cardiovascular conditions
- Mental health concerns for the healthcare provider of pediatric and congenital cardiovascular disease care
- Virtual reality teaching of congenital heart disease
- The value of exercise as an essential component of the healthy individual with a Fontan circulation
- Understanding neurodevelopmental outcomes for individuals with congenital heart disease
- A parent's struggle with the loss of a child to congenital heart disease and grief management for families and providers
- Tips and tricks on reading electrocardiograms
- Predictions of the future with expected limitations in the fields of prenatal care, surgical innovation, catheter-based therapies, cardiac intensive care, brain outcomes in CHD, electrophysiology, nursing transplant/heart failure, and adult congenital heart disease
- Benefits of (and how to set up) a cardiometabolic health clinic for the young
- Updates on congenital and pediatric cardiac surgery in 2025
- The right ventricle in Ebstein's anomaly of the tricuspid valve: Understanding the condition, pathophysiology, mechanics, imaging and management strategies, including surgery
- Healthcare administration in pediatric and congenital cardiovascular disease: Sharing challenges and creating solutions
- Panel discussion on how interventional cardiology is changing the practice of CHD care right before our eyes, including case-based presentations and discussion of current and future innovations in cardiac interventions (stents, valves, opening and closing holes, and other interventions)
- Disappointments and errors in pediatric and congenital cardiovascular disease
- Are we really getting any better at care for pediatric and congenital cardiovascular disease ... and if not, how might we do it?
- Challenges and solutions in the individual with single ventricle
- Case-based learning: arrhythmias, athletics and heart failure
- Echocardiographic imaging of things that do not belong in the heart
- Global perspectives on pediatric and congenital cardiovascular health
- Hope, heal and learn in the field of heart failure and transplant: Case presentations and panel discussion
- Hope, heal and learn in the field of fetal cardiology: Case presentations and panel discussion
- Hope, heal and learn in the field of pediatric cardiac intensive care: Case presentations and panel discussion
- The twists and turns of heterotaxy syndrome
- 2025 Lymphatics update: Case presentations highlighting key principles in lymphatic disorders in pediatric and congenital cardiovascular disease
- Ambulatory pediatric cardiology
- Pediatric and congenital cardiovascular healthcare administration: Sharing and learning from each other – a conversation amongst leaders
- Clinical trials in pediatric and congenital cardiovascular disease
- Provider wellness when caring for pediatric and congenital cardiovascular disease
- I swear, I've never seen that before! Unusual conditions that have taught us something important
- Hey, what do you think? A short, pointed, didactic presentation or case-based presentation on controversial or interesting topics, with two experts offering provocative options on each topic
- Nursing topic-specific breakout sessions
- Perfusion specialist topic-specific breakout sessions
- Featured lecture presentations by chosen luminaries within the areas of cardiology, cardiac surgery, cardiac intensive care, basic cardiovascular science research and nursing

## Call for Abstracts

Abstract Submission Deadline: **Friday, Dec. 6, 2024**  
(11:59 p.m. EST)

Notification of Acceptance: **Friday, Dec. 20, 2024**

Oral Abstract Presentations: **Thursday, Feb. 20, 2025**

Poster Abstract Presentations: **Thursday, Feb. 20**  
through **Saturday, Feb. 22, 2025**

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## Course Objectives 2025

At the completion of this program, the healthcare team will be better able to:

- Outline the knowns and unknowns within the knowledge base that informs on how best to understand and care for the patient with pediatric and congenital cardiovascular disease
- Explain the methods for acquisition and sources of data and knowledge that currently exist and that need to be further developed to provide the means to offer optimal care for patients with pediatric and congenital cardiovascular disease
- Describe the science and knowledge base of information that supports current state-of-the art clinical practice for the patient with pediatric and congenital cardiovascular disease
- Recall the concepts and new strategies of care and practice for conditions unique to cardiovascular disease, ranging from the fetus to the adult with congenital heart disease
- Explain the concepts and new strategies of care and practice for systemic conditions outside of the heart which affect the child with cardiovascular disease
- Recognize the unique challenges of the single ventricle and Fontan circulation, including their origins and management
- Review the latest approach to advanced cardiac therapies for the failing circulation in the young
- Describe the current tools and methods available for optimal characterization of the cardiovascular system in the young, utilizing the latest advanced technologies, including echocardiography and MR imaging
- Outline the most recent developments in diagnosis and treatment of lymphatic conditions in the young
- Discuss the latest updates, challenges and opportunities in understanding organ dysfunction, such as liver disease, when there is congenital heart disease
- Recall the underlying principles and best practices for postoperative care by nurses and other front-line providers of the newborn and infant with congenital heart disease
- Review the strategies of management related to perfusion during open heart surgery in the operating room and during mechanical circulatory support outside of the operating room
- Describe the challenges and opportunities in team building amongst varied specialists and providers to optimally deliver care to the young with cardiovascular disease
- Recognize the importance of provider well-being and understand the factors influencing provider burn out
- Discuss strategies for improving team health functionality, as well as individual provider mental health, during periods of stress and grief
- Explain the value of administrative team collaboration in offering optimal healthcare to the community of pediatric and congenital cardiovascular disease
- Discuss the ideal strategies for provider team integration of outpatient community-based ambulatory care into the spectrum of cardiac care
- Recognize key controversies and clinical conundrums in pediatric and congenital cardiovascular disease and the elements that contribute to specific decision making by team providers
- Recognize the global variations in healthcare approach to pediatric and congenital cardiovascular conditions, with strengths, weaknesses and deficiencies around the world
- Outline the latest methods and techniques of catheter-based interventional cardiology in the treatment of congenital heart disease

### Registration

The conference will be held Wednesday, Feb. 19, through Sunday, Feb. 23, 2025, at *Disney's Yacht & Beach Club Resort* in Lake Buena Vista, Florida. On-site registration is Wednesday, Feb. 19, from 6:30 a.m. to 6 p.m., and Thursday, Feb. 20, from 6:30 a.m. to 6 p.m.

Register online: [chop.cloud-cme.com](http://chop.cloud-cme.com)

### Course Fees

The registration fee for the five-day conference is \$995 for physicians and \$595 for other healthcare professionals and physicians-in-training. The registration fee includes tuition, online presentations, daily continental breakfast, lunch and opening reception.

**Full Conference: 4 p.m. Wed., Feb. 19, to noon, Sunday, Feb. 23**

Physicians .....	\$995
Nurses, medical students, residents, fellows and other healthcare professionals.....	\$595

### Optional Preconference Seminars

*You must be registered for the full conference to register for a preconference.*

A Primer & Review: Congenital Heart Disease and Postoperative Management: Comprehensive Review for Nurses and Front-Line Providers.....	\$150
Fetal Diagnosis and Treatment: Through the Lens of the Heart.....	\$150

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## Accreditation



In support of improving patient care, this activity has been planned and implemented by Children's Hospital of Philadelphia (CHOP). CHOP is jointly accredited by the

Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## Designation of Credit

**Physicians:** Children's Hospital of Philadelphia designates this live activity for a maximum of 35.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This program provides 35.25 ANCC contact hours.

## Joint Accreditation IPCE Credit Statement

This activity was planned by and for the healthcare team, and learners will receive 35.25 Interprofessional Continuing Education (IPCE) credit for learning and change.

### Wednesday, Feb. 19, 2025

*Optional Preconference Seminars – 7:30 a.m. to 3:30 p.m.*

A Primer & Review: Congenital Heart Disease and Postoperative Management: Comprehensive Review for Nurses & Front-Line Provider = 7

Fetal Preconference = 4.75

*Main Conference: 4 p.m. Wednesday, Feb. 19, to noon Sunday, Feb. 23, 2025*

Total *AMA PRA Category 1 credits™* = 28.25

## Perfusion Accreditation Statement

An application for CEU Category 1 hour will be submitted.

## Services for People with Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

## Cancellation and Refund Policy

Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, Children's Hospital of Philadelphia will refund registration fees but is not responsible for any related costs or charges assessed by airlines and travel agencies. In order to process refunds for course withdrawals, cancellations must be received in writing by Wednesday, Feb. 3, 2025. Refunds will be issued for the amount of registration, less a \$100 service charge.

## Hotel Information

A block of rooms has been reserved at **Disney's Yacht & Beach Club Resort**, Lake Buena Vista, Florida. The group rate is \$389 per room, per night, for single or double occupancy, with an additional 12.5% tax. This rate includes internet access in guest rooms and the Conference Center. Participants must reserve their own accommodations by calling 407-939-4686 or reserving a room online at <https://mydisneygroup.com/chopcardiology2025>.

For the reduced conference rate, mention "Cardiology 2025 Conference" when making your reservation. The conference rate covers Feb. 17 – Feb. 26, 2025, and will only be available until **Monday, Jan. 20, 2025**. Reservations made after Jan. 20 will be accepted based on space and rate availability.

## Disney Disclaimer

From January 2025 through June 2025, Stormalong Bay and Shipwreck Pool at *Disney's Yacht and Beach Club Resorts* will be closed for routine maintenance. Guests may see or hear construction work during daytime hours. During this time, guests are welcome to swim at the Tidal, Admiral and Dunes Cove leisure pools.

As an added benefit for our CHOP registered attendees staying at *Disney's Yacht and Beach Resort*, you will receive one (1) After 1 p.m. Park Ticket for admission to one (1) *Walt Disney World* Theme Park beginning at 1 p.m. for one (1) day. This ticket will already have a park reservation added for Epcot on Friday, Feb. 21, 2025. However, if you would prefer to go to another park, simply attach the ticket to your My Disney Experience Account and modify the park reservation to another park, based upon availability. For more information on linking your ticket and modifying park reservations, please visit this link: [Disney Park Pass Reservation System: How It Works | Walt Disney World Resort \(go.com\)](#)

Additionally, all *Walt Disney World* registered resort guests receive a Water Park ticket to be used on arrival day in 2025! **Please Note:** To receive this benefit, all guests MUST be listed on the resort reservation, in advance, in order to gain access to the Water Park.

### Details to make the most of your water park day

Things to know before you go and important details are included here: [Water Park Benefit for 2025 Resort Guests | Walt Disney World Resort \(go.com\)](#)

# CONFERENCE PROGRAM



WEDNESDAY, FEB. 19

## Optional Preconference: 7:30 a.m. – 3:30 p.m.

**Congenital Heart Disease and Postoperative Management: A Master Class for Nurses, APPs, and Front-line Providers**

Room: Salons 1 and 2

*Moderators: Katie Dodds, Lisa Laddish, Nicole Lucchesi and Lauren Betancourt*

- 7:30 a.m. What is “Normal” Cardiac Anatomy?  
*Meryl Cohen*
- 7:45 a.m. Screening, Diagnosis and Preoperative Assessment  
*Kathryn Dodds*
- 8 a.m. Open Heart Surgery: What is CPB, X Clamp, Circulatory Arrest?  
*Christy Bosler*
- 8:15 a.m. Early Postoperative Management Issues and Concerns  
*Maryam Naim*
- 8:30 a.m. Temporary Pacing: Who and How?  
*Maully Shah*
- 8:45 a.m. Break
- 9 a.m. ECHO: Effusions, Function, Evaluation of Surgical Operation  
*David Goldberg*
- 9:15 a.m. What the Chest X-ray Can and Cannot Show You  
*Aaron DeWitt*
- 9:30 a.m. How to Decipher Cardiac Catheterization Data  
*Andrew Glatz*
- 9:45 a.m. Postoperative Arrhythmias: SVT, JET, Heart Block, VT  
*Maully Shah*
- 10 a.m. ECMO and Mechanical Support in Children with CHD  
*Chitra Ravishankar*
- 10:15 a.m. Sedation and Pain Management after Cardiac Surgery  
*Aaron DeWitt*
- 10:30 a.m. Break
- 10:40 a.m. Ventricular Septal Defect:  
Anatomy/Morphology – *Meryl Cohen*  
Surgery – *William DeCampli*  
Postoperative Care and Outcomes –  
*Nicole Lucchesi*

- 11a.m. Complete Common Atrioventricular Canal Defect:  
Anatomy/Morphology – *Meryl Cohen*  
Surgery – *James E. O’Brien*  
Postoperative Care and Outcomes – *Lisa Laddish*
- 11:20 a.m. Tetralogy of Fallot:  
Anatomy/Morphology – *Meryl Cohen*  
Surgery – *James E. O’Brien*  
Postoperative Care and Outcomes – *Lisa Laddish*
- 11:40 a.m. Truncus Arteriosus:  
Anatomy/Morphology – *Meryl Cohen*  
Surgery – *Jonathan Chen*  
Postoperative Care and Outcomes – *Kathryn Dodds*
- Noon Lunch
- 12:30 p.m. Coarctation of the Aorta:  
Anatomy/Morphology – *Lindsay Rogers*  
Surgery – *William DeCampli*  
Postoperative Care and Outcomes – *Lisa Laddish*
- 12.50 p.m. Transition of the Great Arteries/Arterial Switch:  
Anatomy/Morphology – *Lindsay Rogers*  
Surgery – *Jonathan Chen*  
Postoperative Care and Outcomes – *Kathryn Dodds*
- 1:10 p.m. Total Anomalous Pulmonary Venous Return:  
Anatomy/Morphology – *Lindsay Rogers*  
Surgery – *James E. O’Brien*  
Postoperative Care and Outcomes – *Lauren Betancourt*
- 1:30 p.m. Single Ventricle:  
Stage I, Bidirectional Glenn, Fontan Anatomy/  
Morphology – *Lindsay Rogers*  
Surgery – *Jonathan Chen*  
Postoperative Care and Outcomes – *Kathryn Dodds*
- 2:30 p.m. Growing Up with Congenital Heart Disease  
*Yuli Kim*
- 2:45 p.m. A Patient Perspective  
*Thomas Glenn*
- 3 p.m. Q and A
- 3:30 p.m. ADJOURN

*Wednesday program continued on next page>*

# CONFERENCE PROGRAM

 **WEDNESDAY, FEB. 19**

## Optional Preconference: 10 a.m. – 3 p.m.

### Fetal Diagnosis and Treatment: Through the Lens of the Heart

A mini symposium on prenatal diagnosis and management with focus on collaboration between maternal-fetal medicine and cardiology

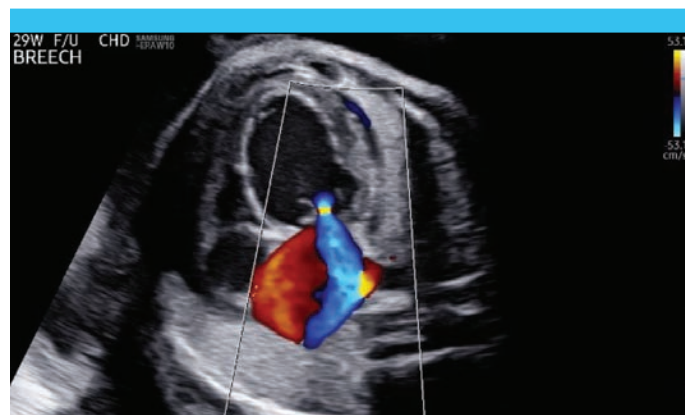
Room: Salons 3 and 4

Moderators: *Juliana Gebb and Amanda Shillingford*

- 10 a.m. Introduction  
*Juliana Gebb and Amanda Shillingford*
- 10:05 a.m. Programmatic Approach and Systems of Care: Fetal Heart Program  
*Jill Combs*
- 10:15 a.m. Programmatic Approach and Systems of Care: Prenatal Diagnosis, Treatment and Special Delivery Unit at a Children's Hospital  
*Susan Spinner*
- 10:25 a.m. Q and A  
*Faculty*
- 10:30 a.m. Collecting the Data: The Essential Value of a Birth Defects Biorepository  
*J William Gaynor*
- 10:45 a.m. Ignored for Too Long: The Placenta is the Key!  
*Rebecca Josowitz*
- 11 a.m. Q and A  
*Faculty*
- 11:05 a.m. When a Fetal Cardiologist Could Use a Fetal Medicine Consult  
*Juliana Gebb*
- 11:20 a.m. When Collaboration is Key: The Texas Children's Approach to Complex Conditions  
*Shaine Morris*
- 11:35 a.m. Q and A  
*Faculty*
- 11:40 a.m. Follow the Heart I: How Fetal ECHO Can Aid in the Management of Monochorionic Twins  
*Jack Rychik*
- 11:55 a.m. Q and A  
*Faculty*
- Noon Lunch and Learn: Bring your boxed lunch to the lecture hall!

- 12:20 p.m. Follow the Heart II: How Fetal ECHO Can Aid in the Management of Non-cardiac Fetal Anomalies  
*Shabnam Peyvandi*
- 12:35 p.m. Fetal Cardiac Interventions: Where Are We Today and What Can We Expect in the Future?  
*Wayne Tworetzky*
- 12:50 p.m. Multidisciplinary Care for Fetal Cardiac Tumors: Fetal Cardiologist and Maternal Fetal Medicine Perspectives  
*Jack Rychik and Desiree Fiorentino*
- 1:15 p.m. Q and A  
*Faculty*
- 1:20 p.m. There's a Hole in the Diaphragm: How to Manage?  
*Holly Hedrick*
- 1:40 p.m. Q and A  
*Faculty*
- 1:45 p.m. Delivery Room of the Future: Individualizing Care and Resources Necessary  
*Anne Ades*
- 2:05 pm. It Takes a Multidisciplinary Team: Panel Discussion and Case Review of Prenatal Conditions from Diagnosis to Treatment and Delivery  
*Juliana Gebb and Amanda Shillingford (Leads), Anne Ades, Desiree Fiorentino, Holly Hedrick, Shaine Morris, Shabnam Peyvandi, Jack Rychik, Wayne Tworetzky*
- 3 p.m. ADJOURN

*Wednesday program continued on next page>*





**Opening Plenary Session: 4 – 6:30 p.m.**

Hope. Heal. Learn.

Room: Grand Harbor North and South

Moderators: Joseph Rossano and Jonathan Chen

4 p.m. Opening Comments: Welcome to our 28th Anniversary and Introduction to Our Conference  
*Jack Rychik*

4:15 p.m. Opening Session Experience of the Senses: Fetal Heart Motion-Sound Synesthesia  
*Alfonso de Jesus Martínez García and Cristóbal César Martínez García*

4:30 p.m. Special Opening Featured Lecture: Setting Up Success



Angela Duckworth, NYT Bestselling Author of *GRIT: The Power of Passion and Perseverance*

4:45 p.m. Improving Care Coordination for Complex Patients: Partnering with Managed Care Organizations  
*Kelly-Ann Light-McGroary*

5 p.m. Modifying Congenital Heart Disease Outcomes through Community Health and Access to Care  
*Carissa Baker Smith*

5:15 p.m. Understanding Neurodevelopmental Outcomes for Individuals with Congenital Heart Disease  
*Erica Sood*

5:30 p.m. Virtual Reality is Indeed a Great Way to Teach Congenital Heart Disease!  
*Andrew Cook*

5:45 p.m. The Best Medicine for a Fontan Circulation is ... Exercise!  
*Rachael Cordina*

6 p.m. "I Will Survive": The Neuroscience of Clinician Wellbeing



Liz Crowe, Organizational Solutionist, Wellbeing & Performance Counselor and author of *The Little Book of Loss & Grief You Can Read While You Cry*

6:15 p.m. Ambiguity and Humanity: A Parent's Perspective  
*James Robinson*

6:30 p.m. ADJOURN

# Opening Reception

6:30 – 8 p.m.

Sponsored by







**Sunrise Session I**

7 – 8 a.m. **Let’s Read ECGs! An Interactive Give and Take Review of Interesting Electrocardiograms from the Pediatric and Congenital Realm**

Room: Salons 1 to 4

*Mitchell Cohen and Maully Shah*

*Fellows participating: Sonu Bassi, Andrew Freddo, Grace Lee, Maliha Naeem*

**Plenary Session II: 8 – 10 a.m.**

**Let’s Exercise the Dunning-Kruger Effect: Here are My Predictions for the Next Decade in ...**

Room: Grand Harbor North and South

*Moderators: Rachael Cordina and Shelley Miyamoto*

8 a.m. Prenatal Care in Cardiovascular Disease  
*Jack Rychik*

8:12 a.m. Surgical Innovation in Pediatric and Congenital Cardiovascular Disease  
*William DeCampi*

8:24 a.m. Catheter-based Therapies in Congenital Heart Disease  
*Bryan Goldstein*

8:36 a.m. Cardiac Intensive and Acute Care in Pediatric and Congenital Cardiovascular Disease  
*Michael Gaies*

8:48 a.m. Nursing Futures in Pediatric and Congenital Cardiovascular Disease  
*Patricia Hickey*

9 a.m. Brain in Congenital Heart Disease  
*Shabnam Peyvandi*

9:12 a.m. Electrophysiology in Pediatric and Congenital Cardiovascular Disease  
*Susan Etheridge*

9:24 a.m. Adult Congenital Heart Disease Care  
*Yuli Kim*

9:36 a.m. Panel and Discussion  
*Faculty*

10 a.m. ADJOURN

**Simultaneous Breakout Sessions: 11 a.m. – 1 p.m.**

**Nuts and Bolts of a Cardiometabolic Health Clinic**

Room: Salons 1 and 2

*Moderators: Geetha Raghuvier and Julie Brothers*

11 a.m. Why a Cardiometabolic Clinic and National Preventive Pediatric Cardiology Program? Survey Results  
*Geetha Raghuvier*

11:15 a.m. Early Life Risk Factors for Adult Cardiovascular Disease  
*Sarah de Ferranti*

11:30 a.m. Hypertension in the Young and Vascular Health  
*Shobha Natarajan*

11:45 a.m. Innovations in Preventive Pediatric Cardiac Care to Improve Outcomes  
*Adam Ware*

Noon Lipid Heart Health in the Young  
*Julie Brothers*

12:15 p.m. Measuring Quality in a Preventive Pediatric Cardiology Program  
*Carissa Baker Smith*

12:30 p.m. Predicting Future Outcomes in Cardiovascular Disease  
*Justin P.V. Zachariah*

12:45 p.m. Panel and Discussion  
*Faculty*

1 p.m. ADJOURN

**Congenital & Pediatric Cardiac Surgery 2025 Update**

Room: Grand Harbor North

*Moderators: Jonathan Chen and James O’Brien*

11 a.m. Novel Surgical Interventions for Support of the Failing Circulation  
*Constantine Mavroudis*

11:15 a.m. Computational Modeling for Single Ventricle Surgery  
*Tain-Yen Hsia*

11:30 a.m. Desensitization Strategies for Heart Transplantation in the Young  
*Lakshmi Gokanapudy Hahn*

11:45 a.m. Domino Procedure  
*Andrew Goldstone*

Noon Minimal Impact vs. Minimally Invasive CHD Surgery  
*Daniel Velez*

12:15 p.m. Neonatal Ross Procedure  
*David Winlaw*

12:30 p.m. CHD Repair in Trisomy 13 or 18  
*Subhadra Shashidharan*

12:45 p.m. Reducing the Risk of Heart Block at Time of Cardiac Surgery  
*Elizabeth DeWitt*

1 p.m. ADJOURN

*Thursday program continued on next page>*

**Break/Visit the Exhibits: 10 – 11 a.m.**

Poster Session No. I: Asbury Hall and Salons 5 to 9

Sponsored by



**Children’s**  
Healthcare of Atlanta  
Heart Center

**Focus on the Right Ventricle: Ebstein's Anomaly**

Room: Grand Harbor South

*Moderators: Mark Friedberg and Laura Mercer-Rosa*

- 11 a.m. To Start Us Off: A Case Presentation  
*Elizabeth Carter*
- 11:05 a.m. Prenatal Care: Imaging, Physiology, Treatment and Counseling  
*Lindsay Freud*
- 11:20 a.m. Editorial Comment on Prenatal Care  
*Shaine Morris*
- 11:25 a.m. Arrhythmias in Ebstein's Anomaly  
*Chandra Srinivasan*
- 11:40 a.m. Right Ventricular Dyssynchrony and RV-LV Interactions in Ebstein's Anomaly  
*Mark Friedberg*
- 11:55 a.m. Editorial Comment on RV-LV Interactions  
*Daniel Penny*
- Noon Modeling the Right Ventricle  
*Mark Fogel*
- 12:15 p.m. Editorial Comment on Modeling the Right Ventricle  
*Rahul Rathod*
- 12:20 p.m. Surgical Treatment of the Neonate with Ebstein's Anomaly  
*Luciana da Fonseca da Silva*
- 12:35 p.m. Editorial Comment on Surgical Treatment of the Neonate with Ebstein's Anomaly  
*Muhammed Nuri*
- 12:40 p.m. Panel Discussion: Will We Ever be Able to Treat the Chronically Failing RV and What Do We Do Now?  
*Luciana da Fonseca da Silva, Daniel Penny, Joseph Rossano, Shelley Miyamoto*
- 1 p.m. ADJOURN

**Perfusion Breakout Session I**

**Future State of Perfusion for CPB**

Room: Cape Cod B and C

*Moderators: Jeff Amendola and Tami Rosenthal*

- 11 a.m. DO2: Is it All That It's Cracked Up to Be?  
*Jeff Amendola*
- 11:20 a.m. PediPerform: Can the Data Make a Difference?  
*Tami Rosenthal*
- 11:40 a.m. Inflammatory Response and CPB-developments and Understanding  
*Jennifer Lynch*
- Noon Incorporating CQI to Improve Clinical Practice  
*Kellie Schiavo*

12:15 p.m. Late Presentation of a Defect: Challenges and Strategy  
*Constantine Mavroudis*

12:30 p.m. Panel Discussion  
*Faculty*

1 p.m. ADJOURN

**Nursing Breakout Session I**

**Evidence-based Practice: Challenges and Successes**

Room: Newport West

*Moderators: Kathryn Dodds and Angela Gooden*

- 11 a.m. How Can We Use EBP in the CICU?  
*Amanda Seelhorst*
- 11:20 a.m. Provider Use of Patient Portal to Partner with Parents of Pediatric Acute Care Cardiology Patients  
*Sarah Lagergren*
- 11:40 a.m. The Traveling Cath Lab  
*Karen Iacono*
- Noon Trends in Cardiac ICU Readmissions: A Quality Improvement Approach  
*Tasha Bryant*
- 12:20 p.m. Agree to Disagree: Getting on the Same Page About Incision Care  
*Jenn Jacob-Freese*
- 12:40 p.m. Getting Replaced by an APP?  
*Britt Elin Fredriksen*
- 1 p.m. ADJOURN

*Thursday program continued on next page >*



**Healthcare Administration in Pediatric and Congenital Cardiovascular Disease: Sharing Challenges and Creating Solutions**

Room: Salons 3 and 4

*Moderators: Lawrence Barnes and Mark Schwartz*

- 11 a.m. Structuring Administration for Pediatric & Congenital Cardiovascular Care  
*Wayne Franklin*
- 11:15 a.m. What “Should” Our Congenital Heart Healthcare Workforce Look Like in 10 Years?  
*Vivek Allada*
- 11:30 a.m. Roundtable Panel: Sharing Best Practices – Challenges and Solutions in Administration of Pediatric and Congenital Heart Centers  
*Sara Baumgarten, Jennifer Osborne, Anita Patel, Sara Dill, Carmen Watrin*
- 1 p.m. ADJOURN

## Outdoor Luncheon

1 – 2 p.m., Shipwreck Beach

Sponsored by  

**2 – 3 p.m. Oral Abstracts**

Room: Grand Harbor North and South

*Moderators: Jennifer Lynch and Shaine Morris*

**3 – 4 p.m. Moderated Panel of Experts**

Interventional Cardiology is Changing the Practice of CHD Care Right Before Our Eyes: Case-based Presentations and Discussion of Current and Future Innovations in Cardiac Intervention (stents, valves, opening and closing holes, and other interventions)  
*Christopher Petit (Lead), Andrew Glatz, Bryan Goldstein, David Nykanen, Audrey Marshall*

**Plenary Session III: 4:15 – 6 p.m.**

**It Doesn't Always Turn Out the Way We Want: Disappointments and Errors in Pediatric & Congenital Cardiovascular Disease**

Room: Grand Harbor North and South

*Moderators: Meryl Cohen and Wayne Franklin*

- 4:15 p.m. Communicating Errors and How to Learn From Mistakes  
*Daniel Penny*
- 4:30 p.m. Facing Up to Errors: How Do Systems Respond?  
*Alan Friedman*
- 4:45 p.m. I've Intensely Cared for This Child but Things Did Not Turn Out Well: How Do I Manage? What Do I Do Next? The Nurse Perspective  
*Jenna Heichel*
- 5 p.m. I've Intensely Cared for this Child but Things Did Not Turn Out Well: How Do I Manage? What Do I Do Next? The Physician Perspective  
*Meryl Cohen*
- 5:15 p.m. The Difficult Family Conversation: Communication Between Providers and Patients  
*Aaron DeWitt*
- 5:30 p.m. The Medicolegal Aspects of Errors  
*Benjamin Post*
- 5:45 p.m. The Electronic Health Record: Friend or Foe?  
*Aaron Dorfman*
- 6 p.m. ADJOURN





Friday, Feb. 21 | 6:15 – 8 a.m.

# HEART RUN 5K

CARING FOR KIDS' HEARTS

EXERCISE YOUR BODY AND YOUR MIND!

## Boardwalk

Registration required  
and limited to the first  
200 registrants

\$25 registration fee includes  
5K Heart Run T-shirt

*Sponsored by*

 **Texas Children's Hospital**



## Breakfast

7:30 a.m.

Sponsored by:  **Phoenix Children's**

### Plenary Session IV: 8 – 10 a.m.

Are We Really Getting Any Better, and If Not, How Might We Do It?

Room: Grand Harbor North and South

Moderators: *Kiona Allen and Maryam Naim*

- 8 a.m.      Aspiration or Illusion? Improving Survival Outcomes for HLHS  
*J. William Gaynor*
- 8:15 a.m.    The Value of a Single Ventricle Registry and Learning Network: SV-One  
*Kiona Allen and Thomas Glenn*
- 8:30 a.m.    Imaging Data and the Fontan Circulation: The FORCE Registry  
*Rahul Rathod*
- 8:45 a.m.    Understanding and Managing Lymphatic Problems in CHD  
*Vibeke Hjortdal*
- 9 a.m.        Extremely Rare and Highly Variable: Pulmonary Vein Disease  
*Ryan Callahan*
- 9:15 a.m.    Modeling of Valves: Can It Have Clinical Impact?  
*Matthew Jolley*
- 9:30 a.m.    Improving Rescue Following Resuscitation  
*Monique Gardner*
- 9:45 a.m.    Neurological Outcomes: The Perioperative Perspective  
*Maryam Naim*
- 10 a.m.       ADJOURN

### Break/Visit the Exhibits: 10 – 11 a.m.

Poster Session No. II: Asbury Hall and Salon 5 and 6

Sponsored by: **The Heart Center**



### Simultaneous Breakout Sessions: 11 a.m. – 1 p.m.

**Robert & Dolores Harrington Session on Single Ventricle and Fontan Circulation: Challenges and Solutions in the Individual with Single Ventricle**

Room: Grand Harbor North

Moderators: *Angela Lorts and Jack Rychik*

- 11 a.m.      A Forgotten Key Time? Second Interstage After Glenn Before Fontan  
*Chitra Ravishankar*
- 11:15 a.m.   Family-centered Care in Managing Single Ventricle Heart Disease  
*Nicolas Madsen*
- 11:30 a.m.   What's All This About the Liver?  
*Jack Rychik*
- 11:45 a.m.   Does the Nature and Size of the Fontan Pathway Make a Difference?  
*Yves d'Udekem*
- Noon         Modeling of Blood Flow and Its Role in Characterizing the Fontan Circulation  
*Mark Fogel*
- 12:15 p.m.   Mental Health in the Young with Fontan Circulation  
*Nicholas Seivert*
- 12:30 p.m.   How Do I know It's Time to Consider a Heart Transplant?  
*Angela Lorts*
- 12:45 p.m.   Panel Discussion  
*Faculty*
- 1 p.m.        ADJOURN

### Case-based Learning: Arrhythmias, Athletics and Heart Failure

Case presentations highlighting practical approaches to diagnosis and management

Room: Salons 1 and 2

Moderators: *Maully Shah (Lead), Julie Brothers, Mitchell Cohen, Elizabeth DeWitt, Jonathan Edelson, Viera Ilikova, Jeffrey Kim, Kara Motonaga*

### ECHO Breakout: Hey, This Does Not Belong Here!

Room: Grand Harbor South

Moderators: *Craig Fleishman and Michael Quartermain*

- 11 a.m.      Imaging Evaluation of a (Possible?) Thrombus or Vegetation: This is How I Do It  
*Michael Quartermain*
- 11:15 a.m.   Imaging Evaluation of a BTT Shunt: This is How I Do It  
*Anitha Parthiban*

*Friday program continues on next page >*





- 11:30 a.m. Imaging Evaluation of a Fontan Pathway:  
This is How I Do It  
*Lindsay Rogers*
- 11:45 a.m. Imaging Evaluation of a Poorly Placed Intracardiac  
Patch/Patch Leak: This is How I Do It  
*Meryl Cohen*
- Noon Imaging Evaluation of a Prosthetic Mitral Valve:  
This is How I Do It  
*Sanket Shah*
- 12:15 p.m. Hey, What's an Anesthesiologist Doing Here?  
The IMPACT Procedure and How It Has Changed  
Outcomes for Life-threatening Newborn Conditions  
*Asif Padiyath*
- 12:30 p.m. Panel and Discussion  
*Faculty*
- 1 p.m. ADJOURN

**Global Perspectives on Pediatric and Congenital Cardiovascular Health**

Room: Salons 3 and 4

*Moderators: Zhiyun Tian and Ruth Frey*

- 11 a.m. Role of a Major Children's Hospital in Promoting  
Global Pediatric Healthcare  
*Ruth Frey*
- 11:15 a.m. Contributions Dedicated to Global Education and  
Training in Fetal Echocardiography  
*Zhiyun Tian*
- 11:30 a.m. Australia  
*Rachael Cordina*
- 11:45 a.m. China  
*Yonghao Gui*
- Noon Europe/Bratislava/Slovakia  
*Martin Zahorec*
- 12:15 p.m. Mexico  
*Alfonso Martinez*
- 12:30 p.m. Columbia  
*Nestor Sandoval*
- 12:45 p.m. Ukraine  
*Andrii Kurkevych*
- 1 p.m. ADJOURN

**Perfusion Breakout Session II**

**Innovations in MCS**

Room: Cape Cod B and C

*Moderators: Kellie Schiavo and Doug Zavadil*

- 11 a.m. Berlin Heart Active: Optimizing Use for  
Challenging Anatomy  
*Aaron Dewitt*

- 11:15 a.m. MCS: The Path to Explant  
*Christy Bosler*
- 11:30 a.m. Managing Multiple MCS Platforms  
*Tami Rosenthal*
- 11:45 a.m. Challenges of a Transport ECMO/VAD Program  
*Doug Zavadil*
- Noon Bedside VAD Management  
*Carol Wittlieb-Weber*
- 12:15 p.m. DCD and NRP in Pediatrics  
*Desiree Bonadonna*
- 12:30 p.m. Panel Discussion  
*Faculty*
- 1 p.m. ADJOURN

**Nursing Oral Abstracts: Presentation and Discussion of the Selected Top 8 Nursing Abstracts: 11 a.m. – 1 p.m.**

Room: Newport West

*Moderators: Kathryn Dodds, Lisa Laddish and Sandra Staveski*







**Sunrise Session II**

7 – 8 a.m. **Heart Failure and Transplant**  
Hope, Heal and Learn: Case Presentations and Panel Discussion  
Room: Salons 1 and 2  
*Carol Wittlieb-Weber (Lead), Christopher Almond, Angela Lorts, Radhika Rastogi*

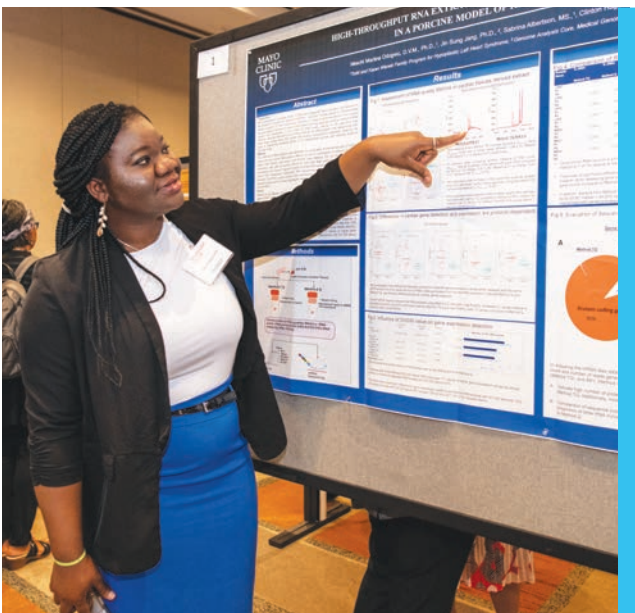
**Sunrise Session III**

7 – 8 a.m. **Fetal Cardiology**  
Hope, Heal and Learn: Case Presentations and Panel Discussion  
Room: Salons 3 and 4  
*Amanda Shillingford (Lead), Lindsay Freud, Shaine Morris, Shabnam Peyvandi, Wayne Tworetzky*

**Sunrise Session IV**

7 – 8 a.m. **Pediatric Cardiac Intensive Care**  
Hope, Heal and Learn: Case Presentations and Panel Discussion  
Room: Grand Harbor North and South  
*Venkat Shankar, (Lead), Kiona Allen, Igor Areinamo, Monique Gardner*

7 – 8 a.m. **Nursing Breakfast Session**  
A Case-based Cardiac Medication Review  
Room: Newport West  
*Carley Boyle, Kathryn Dodds, Sarah Lagergren, Christina Moore*



**Breakfast**

7 a.m.

Sponsored by:  **COLUMBIA UNIVERSITY CHILDREN'S HEART CENTER**

**Plenary Session V: 8 – 10 a.m.**

**Awards and Featured Lectures**

Room: Grand Harbor North and South

- 8 a.m. Introduction of the Annual Jack Downes Critical Care and Anesthesia Lecturer  
*Andrew Costarino*
- 8:05 a.m. Annual Jack Downes Critical Care and Anesthesia Lecture  
*Catherine Krawczewski*
- 8:20 a.m. Introduction of the Thomas L. Spray Surgery Lecturer  
*Jonathan Chen*
- 8:25 a.m. Annual Thomas L. Spray Surgery Lecture  
*Yves d'Udekem*
- 8:40 a.m. Introduction of the Annual Robert J. Levy Lecturer in Pediatric and Congenital Cardiovascular Basic Science  
*Daniel Kelly*
- 8:45 a.m. Annual Robert J. Levy Lecture in Pediatric and Congenital Cardiovascular Basic Science  
*Liming Pei*
- 9 a.m. Introduction of the Annual William J. Rashkind Cardiology Lecturer  
*Joseph Rossano*
- 9:05 a.m. Annual William J. Rashkind Cardiology Lecture  
*Sara Pasquali*
- 9:20 a.m. Introduction of the Rauch Memorial Nursing Lecturer  
*Sherri Kubis*
- 9:25 a.m. Annual Rauch Memorial Nursing Lecture  
*Sandra Staveski*
- 9:40 am Awards for Best Abstracts  
*Kathryn Dodds and David Goldberg*
- 10 a.m. ADJOURN

*Saturday program continued on next page>*



**Break/Visit the Exhibits: 10 – 11 a.m.**

Poster Session No. III: Asbury Hall and Salons 5 and 6

Sponsored by: 

**Simultaneous Breakout Sessions: 11 a.m. – 1 p.m.**

**The Twists and Turns of Heterotaxy Syndrome**

Room: Grand Harbor North

Moderators: *Craig Fleishman and Lindsay Rogers*

- 11 a.m. Genetics & Prenatal Detection  
*Shaine Morris*
- 11:15 a.m. Understanding the Cardiac Anatomy in Heterotaxy Syndrome  
*Andrew Cook*
- 11:30 a.m. Newborn Imaging Approaches  
*Lindsay Rogers*
- 11:45 a.m. Complex Surgical Intra-Ventricular Baffling and “Septation” Procedures  
*Muhammad Nuri*
- Noon Repair of Pulmonary Vein Anomalies in Heterotaxy Syndrome  
*Tain-Yen Hsia*
- 12:15 p.m. Panel and Discussion: Case Presentations: Challenges & Solutions in Heterotaxy Syndrome  
*Faculty*
- 1 p.m. ADJOURN

**The Conversation: Lymphatics Update 2025**

Case Presentations Highlighting Key Principles in Lymphatic Disorders in Pediatric and Congenital Cardiovascular Disease

Room: Grand Harbor South

*Yoav Dori (Lead), Aaron DeWitt, Vibeke Hjortdal, Erin Pinto, Christopher Smith*

**Ambulatory Pediatric Cardiology**

Room: Salons 1 and 2

Moderators: *Vivek Allada and Nicolas Madsen*

- 11 a.m. Activity Restrictions in Pediatric Cardiovascular Disease: Balancing Guidelines with Shared Decision Making  
*Jonathan Edelson*

- 11:15 a.m. Ambulatory Monitors: What is Currently Available? When Does It Impact Care?  
*Chandra Srinivasan*
- 11:30 a.m. Encouraging Exercise in the Fontan Circulation? Absolutely Yes! But How?  
*Elizabeth Goldmuntz*
- 11:45 a.m. Pressure Restrictive VSD: When to Intervene?  
*Amy Schultz*
- Noon Social Determinants of Health in the Ambulatory Cardiology Clinic  
*Carissa Baker Smith*
- 12:15 p.m. Update on Kawasaki Disease 2025  
*Matthew Elias*
- 12:30 p.m. Weight Gain in the Interstage of Single Ventricle and Social Vulnerability  
*Rachel Shustak*
- 12:45 p.m. What Can We Learn from an Exercise Test in the Young with Repaired Congenital Heart Disease?  
*William Orr*
- 1 p.m. ADJOURN

**Pediatric and Congenital Cardiovascular Healthcare Administration II: Sharing and Learning From Each Other – A Conversation Amongst Leaders**

Panel discussions on how to optimize the patient/family experience, what constitutes full-time effort, setting up a cardiac center, partnering with other cardiac centers, center rankings, engaging with philanthropy, promoting equity and diversity within leadership, and more

Room: Cape Cod B and C

*Joseph Rossano (Lead), Aliessa Barnes, Antonio Cabrera, Wayne Franklin, Michael Gaies, Andrew Glatz, Patricia Hickey, Catherine Krawczewski, Sherri Kubis, Nicolas Madsen, Shelley Miyamoto, Daniel Penny, Christopher Petit, Shubhika Srivastava*

**Perfusion Breakout Session III**

**Unique Perspectives in ECMO**

Room: Salons 3 and 4

Moderators: *Tami Rosenthal and Desiree Bonadonna*

- 11 a.m. Contributors to Complexity of Cardiac ECMO  
*Desiree Bonadonna*
- 11:15 a.m. Bivalrudin vs. Heparin: Is There a Clear Winner?  
*Jeff Amendola*
- 11:30 a.m. Challenges of Managing Complex Cardiac ECMO Patients  
*Monique Gardner*

*Saturday program continued on next page>*



- 11:45 a.m. Benefits of Improving Technology for ECMO  
*Kellie Schiavo*
- Noon ECMO Initiation: Technical and Physiologic Considerations  
*Gary Plancher*
- 12:15 p.m. Panel Discussion  
*Faculty*
- 1 p.m. ADJOURN

**Nursing Breakout Session II**

**Challenging Cases – Stories of Hope and Healing**

Room: Newport West

*Moderators: Britt Elin Fredriksen and Amanda Seelhorst*

- 11 a.m. Miracle on Miller Street: Surviving Shunt Occlusion  
*Shaila Bahl*
- 11:20 a.m. Lessons from Lymphatics  
*Erin Pinto*
- 11:40 a.m. Healing and Hope: Holding On  
*Lauren Salinas*
- Noon Trauma-Informed Cardiac Care: How Broken Hearts Break People & Interventions Can Elevate Staff Well-being and Patient Outcomes  
*Allie Eudaly*
- 12:20 p.m. Heart to Heart: Navigating Challenges in Adolescent Transplant  
*Carley Boyle*
- 12:40 p.m. A Tale of Two Cities: 175 Years of Hope and Healing  
*Di Robertshaw*
- 1 p.m. ADJOURN

**Nursing Luncheon**

1 – 2 p.m., Marina

*Sponsored by*



**Plenary Session VI: 2 – 4 p.m..**

**Clinical Trials in Pediatric & Congenital Cardiovascular Disease**

Room: Grand Harbor North and South

*Moderators: Andrew Glatz and Sara Pasquali*

- 2 p.m. Should We Bother with Clinical Trials?  
*Joseph Rossano*
- 2:15 p.m. Trials in Cardiomyopathy and Heart Failure  
*Christopher Almond*
- 2:30 p.m. Trials in Congenital Heart Surgery  
*Richard Ohye*
- 2:45 p.m. Trials in Fontan Circulation Care  
*David Goldberg*
- 3 p.m. Trials in Interventional Cardiology  
*Michael O'Byrne*
- 3:15 p.m. Trials in Nursing Care  
*Amy Jo Lisanti*
- 3:30 p.m. Are There Alternative Ways to Gain Knowledge Besides Classical Clinical Trials?  
*Angela Lorts*
- 3:45 p.m. SOURCE: A Genetics Dataset for Single Ventricle Research  
*Diane Pickles*
- 4 p.m. ADJOURN

**4 – 5 p.m. Moderated Panel of Experts**

Provider Wellness When Caring for Patients with Pediatric and Congenital Cardiovascular Disease: The Importance of “Outside of Work” and “Inside of Work” Factors, Work/Life Balance, Control, How to Decompress, Humanism, and More ...

Room: Grand Harbor North and South

*Moderator: Liz Crowe*

*Panelists: Stacy Drant, Alan Friedman, Angela Gooden, Carol Wittlieb-Weber*

**Wine and Wisdom Poster Session**

5 – 6 p.m.

At the end of a long day, enjoy wine and beverages while a selection of outstanding abstract posters are presented and discussed. No CE Credits will be offered for this session.

*Sponsored by*







Sunrise Session IV

- 7 – 8 a.m. **Here is What I Learned...**  
Hope, Heal and Learn: Presentations and Panel Discussion  
Room: Salons 3 and 4  
*Donald Felix, Kara Motonaga, Jennifer Lynch, Asif Padiyath*
- 7 – 8 a.m. **Here is What I Learned...**  
I Swear, I've Never Seen That Before!  
Hope, Heal and Learn: Case Presentations and Panel Discussion of Rare and Unusual Findings  
Room: Grand Harbor South  
*Mingxing Xie, Viera Ilikova, Emily Olson, Matthew Schrier*
- 7 – 8 a.m. **Breakfast with Our Nursing Leaders**  
From the Bedside to the Boardroom to Academia: Hope, Heal and Learn – How Can the Nursing Profession Continue to Move These Concepts Forward?  
Room: Newport West  
*Sherri Kubis, Lisa Laddish, Carmen Watrin, Britt Elin Fredriksen, Di Robertshaw, Sandra Staveski, Justine Calella, Patricia Hickey*

Plenary Session VII: 8 a.m. – Noon

Hey, What Do You Think?

A short, pointed, didactic presentation or case-based presentation on controversial or interesting topics, with two experts offering provocative opinions on each topic  
Room: Grand Harbor South

Moderators: *Chitra Ravishankar, Jack Rychik*

- 8 a.m. TOPIC 1: Does This Fetus Have a Coarctation of the Aorta?  
*Amanda Shillingford (Discussion Navigator), Lindsay Freud, Shubhika Srivastava*
- 8:20 a.m. TOPIC 2: Should We Leave Anterograde Flow in this Patient with Single Ventricle?  
*Avital Ludomirsky (Discussion Navigator), Andrew Goldstone, Pirooz Eghtesady*
- 8:40 a.m. TOPIC 3: Is This Child's Anatomy a Candidate for a Two-ventricular Repair?  
*Anitha Parthiban (Discussion Navigator), Wayne Tworetzky, Craig Fleishman*
- 9 a.m. TOPIC 4: How Shall I Manage this Newborn with Corrected TGA?  
*William Russell (Discussion Navigator), Meryl Cohen, Richard Ohye*

- 9:20 a.m. TOPIC 5: What Medications Should My Fontan Adolescent Be On? Which Should They Avoid?  
*Deepti Bhat (Discussion Navigator), David Goldberg, Rahul Rathod*
- 9:40 a.m. TOPIC 6: Stuck in the Middle: How Should Nursing Manage Ethically Challenging Situations?  
*Sherri Kubis (Discussion Navigator), Carmen Watrin, Lisa Laddish*
- 10 a.m. Break
- 10:10 a.m. TOPIC 7: The Premature Newborn with Complex CHD: Palliation or Repair?  
*Venkat Shankar (Discussion Navigator), James O'Brien, Subhadra Shashidharan*
- 10:30 a.m. TOPIC 8: Should We Repair or Replace this Mitral Valve?  
*Sanket Shah (Discussion Navigator), Muhammad Nuri, Subhadra Shashidharan*
- 10:50 a.m. TOPIC 9: Time for VAD or Intensive Medical Therapy?  
*Alyson Pierick (Discussion Navigator), Aliessa Barnes, Aaron DeWitt*
- 11:10 a.m. TOPIC 10: I Suspect My Patient Has an Arteriopathy: How to Diagnose and Manage?  
*Rodrigo Cardoso-Cavalcante (Discussion Navigator), Shaine Morris, Stacey Drant*
- 11:30 a.m. TOPIC 11: My Patient Has Developed Pulmonary Vein Stenosis: What Should I Do?  
*Ehssan Faraji (Discussion Navigator), Christopher Petit, Ryan Callahan*
- 11:50 a.m. ADJOURN

SEE YOU NEXT YEAR!

Noon: Closing Remarks to the 28th Annual Pediatric & Congenital Cardiovascular Conference  
*Jack Rychik*



# FACULTY

**Anne Ades**

*Children's Hospital of Philadelphia*

**Vivek Allada**

*Children's Hospital of Philadelphia*

**Kiona Allen**

*Lurie Children's Hospital of Chicago*

**Christopher Almond**

*Lucile Packard Children's Hospital,  
Stanford*

**Jeff Amendola**

*Orlando Health Arnold Palmer Hospital  
for Children*

**Igor Areinamo**

*Arnold Palmer Hospital*

**Shaila Bahl**

*Arnold Palmer Hospital*

**Carissa Baker Smith**

*Nemours Cardiac Center*

**Aliessa Barnes**

*Children's Mercy Kansas City*

**Lawrence Barnes**

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**Sara Baumgarten**

*Children's Hospital of Philadelphia*

**Lauren Betancourt**

*Arnold Palmer Hospital*

**Deepti Bhat**

*Phoenix Children's Hospital*

**Desiree Bonadonna**

*Duke University Health System*

**Christy Bosler**

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**Carley Boyle**

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**Julie Brothers**

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*Children's Healthcare of Atlanta*

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**Mitchell Cohen**

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*Children's Hospital of Philadelphia*

**Yoav Dori**

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**Craig Fleishman**

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**Mark Fogel**

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**Wayne Franklin**

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**Britt Elin Fredriksen**

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Toronto, Canada*

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*Children's Hospital of Philadelphia*

**Mark Friedberg**

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*Faculty continued on next page>*

## FACULTY *(continued)*

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*Musician and Architect  
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**Shelley Miyamoto**

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**Christina Moore**

*Arnold Palmer Hospital*

**Shaine Morris**

*Texas Children's Hospital*

**Kara Motonaga**

*Lucile Packard Children's Hospital  
Stanford*

**Maryam Naim**

*Children's Hospital of Philadelphia*

**Shobha Natarajan**

*Children's Hospital of Philadelphia*

**Muhammad Nuri**

*Children's Hospital of Philadelphia*

**David Nykanen**

*Arnold Palmer Hospital*

**James O'Brien**

*Children's Mercy Kansas City*

**Michael O'Byrne**

*Children's Hospital of Philadelphia*

**Richard Ohye**

*C.S. Mott Children's Hospital*

**William Orr**

*St. Louis Children's, Washington  
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**Liming Pei**

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**Daniel Penny**

*Texas Children's Hospital*

*Faculty continued on next page>*



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