The Joint Conference on Advances in Pediatric Cardiovascular Disease Management

The Congenital Heart Center at the University of Michigan C.S. Mott Children’s Hospital, the Children’s Hospital Los Angeles, Children’s Healthcare of Atlanta, and Morgan Stanley Children’s Hospital of NYP/Columbia University Medical Center are excited to welcome you to the 2017 Joint Conference on Advances in Pediatric Cardiovascular Disease Management. This annual conference brings together physicians, nurses, and trainees from across the country to learn about leading-edge technologies and the latest in advances in pediatric cardiovascular care.

The Congenital Heart Center at the University of Michigan C.S. Mott Children’s Hospital is an international referral center for complex congenital heart disease and is one of the highest volume and most experienced congenital heart programs in the United States.

This year, we are pleased to include parents and adult patients in the conference for a patient and family focused track. Current patients and parents will share their perspectives on living and coping with congenital heart disease. Attendees will also get a chance to learn from professionals about some of the valuable social and emotional support resources available to heart families.

The conference planning committee is being led by John R. Charpie, MD, PhD, Director, Division of Pediatric Cardiology, Co-Director, Michigan Congenital Heart Center, Michigan Medicine and Richard G. Ohye, MD, Head, Section of Pediatric Cardiovascular Surgery, Co-Director, Michigan Congenital Heart Center, Michigan Medicine.
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SPEAKERS

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www.mottchildren.org/cme
Robert Bartlett’s professional life has been characterized by exceptional vision, creativity, persistence, and energy. As Professor of Surgery in the Sections of General and Thoracic Surgery, he developed a Surgical Critical Care Fellowship and the Extracorporeal Life Support Program which continues to this day. The ECLS program at the University of Michigan has treated over 2,400 adults, children, and neonates with potentially fatal cardiorespiratory failure.

Since 1972, the NIH has continuously funded Dr. Bartlett’s research. Dr. Bartlett retired from clinical practice in 2005, but he continues to investigate new techniques and applications for extracorporeal support. He is currently funded by the NIH to develop an implantable artificial lung designed for simplified long-term support of pediatric patients with chronic respiratory failure and to develop new surfaces for extracorporeal support which preclude the need for systemic anticoagulation. His is a life of research and work combined with innovation, leadership, and ability that has made a distinct contribution to patients, their families, and to our society, and which has been highly recognized nationally and internationally.

Dr. Bartlett will be introduced by Edward L. Bove, MD, Helen and Marvin Kirsh Professor and Chair in the Department of Cardiac Surgery and Hannah Cheriyan. Hannah was born with her umbilical cord wrapped around her neck. Just hours old and in respiratory distress, she was airlifted to the Newborn Intensive Care Unit at U-M’s C.S. Mott Children’s Hospital. For four days, Cheriyan relied on a machine to perform the work of her heart and lungs, giving her lungs necessary time to heal. That machine, known as ECMO, or extracorporeal membrane oxygenation, saved her life. Twenty-one years later, Cheriyan was at U-M again — this time walking the stage in the 2015 White Coat Ceremony, a ritual welcoming students into medical school. And Robert Bartlett, MD, the Michigan doctor who devoted his career to developing ECMO, “cloaked” Cheriyan with her first official white coat.
## FRIDAY, SEPTEMBER 29, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration / Continental Breakfast</td>
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<tr>
<td>7:45</td>
<td><strong>Welcome</strong>, John R. Charpie, MD, PhD; Richard G. Ohye, MD</td>
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### LONG-TERM QUALITY OF LIFE

**Moderator:** Karen Uzark, RN, PhD  
**Location:** Great Lakes Rooms

- **8:00** Patient Perspective: Quality of Life, Shivender Deswal, OTR, MPA
- **8:15** Implementing a Grass Roots Program to Improve Child Development, Jennifer Romano, MD, MS
- **8:40** The Science and Research Behind Improvement of Quality of Life and Neurodevelopmental Outcomes, Bradley S. Marino, MD, MPP, MSCE
- **9:05** What Can We Do to Improve Neurodevelopmental Outcomes for Our Patients?, Caren S. Goldberg, MD, MS
- **9:30** Panel Q & A
- **9:50** Break

### ADULT CONGENITAL

**Moderator:** Mark D. Norris, MD  
**Location:** Great Lakes Rooms

- **10:00** Reproductive Health: Adolescents and Adults with CHD, Candice Silversides, MD, FRCPC
- **10:25** Quality Metrics for ACHD, Michelle Gurvitz, MD, MS
- **10:50** Communication: Difficult Conversations, Melissa K. Cousino, PhD
- **11:15** Panel Q & A
- **11:40** Lunch

#### TRACK ONE - FOR PATIENTS, PARENTS, & PROVIDERS

**Location:** Forum Hall

- **12:15 pm** Real CHD Life: A Parent Perspective, Colleen Schomaker
- **12:30** Impact of Neurodevelopmental Outcomes on Education, Dawn Ilardi, PhD, ABPP-CN
- **12:50** “Reading, Writing, ‘Rithmatic and CHD?” School Life, Brenda Henne
- **1:10** Psychosocial Support: When and How to Work With Your Social Worker, Cindy K. Brown, LMSW, ACSW
- **1:30** Real CHD Life: A Patient Perspective, Daniel Foy
- **1:45** Navigating CHD Life - Panel Discussion  
  Panelist to include speakers above, additional panelists are: Stacey Boyer, RN-CPN, BSN and Jack Randandt
- **2:30** Session Adjourns

#### TRACK TWO - ABSTRACT SESSION - CLINICAL/TRANSLATIONAL RESEARCH

**Location:** Great Lakes Room  
**Moderators:** Sara Pasquali, MD; Paul Chai, MD

- **12:15 pm** Abstract Session
- **1:45** Session Adjourns
CONFERENCE SCHEDULE

SATURDAY, SEPTEMBER 30, 2017

7:00 am  Registration / Continental Breakfast
7:45  Welcome, Keynote Introductions: Edward Bove, MD; Hannah Cheriyan, BSE

INNOVATION / WHAT’S NEW
Moderators: Gabe Owens, MD, PhD; Winfield J. Wells, MD

8:00  KEYNOTE PRESENTATION
   ECMO. Past, Present, and Future, Robert Bartlett, MD
8:45  Current State and Future Directions of Fetal Cardiac Intervention, Anita Moon-Grady, MD, FACC, FASE
9:15  A Radical Paradigm Shift in the Treatment of Prematurity: The Artificial Placenta, George B. Mychaliska, MD
9:45  Panel Q&A
10:00  Break

HEART FAILURE
Moderators: Jessica Jordan, PA; David Peng, MD

10:15  Updates & the Future of VAD Therapy, Francis D. Pagani, MD, PhD
10:45  The PumpKIN Trial Story, Christopher Almond, MD
11:15  Newest Advances in Medical Management, Robert E. Shaddy, MD
11:45  Resynchronization Therapy, Anne M. Dubin, MD
12:15 pm  Panel Q&A
12:30 Lunch - Please visit presented posters

TRACK ONE - ABSTRACT SESSION - NURSING
Location: Forum Hall
Moderators: Louise Callow, NP; David Romberger, RN, BSN

1:00  Abstract Session

TRACK TWO - ABSTRACT SESSION - PROGRAMMATIC
Location: Great Lakes Rooms
Moderators: Kathy Murphy, CNS, PNP; Winfield Wells, MD

1:00  Abstract Session
2:30  Break

POINT / COUNTERPOINT: REGIONALIZATION OF PEDIATRIC CARDIAC CARE
Moderator: Hal Walters, MD

2:45  Introduction, Hal Walters, MD
2:50  Point, John E. Mayer Jr., MD
3:10  Counterpoint, Marcus Haw, MBBS, MS, FRCS, FECTS
3:30  Q&A
4:00  Session Adjourns - proceed to Zingerman’s Greyline for the Party with the Posters!

See next page for information regarding the Party with the Posters and Celebration Dinner.
5:30  Party with the Posters - Join us for a special party poster session!
Location: Zingerman’s Greyline (see page 10 for directions and parking information)
Moderators: Edward Bove, MD; William A. Suarez, MD, FACC

7:00  Celebration Dinner (see page 10 for complete details and registration information)
Location: Zingerman’s Greyline

SUNDAY, OCTOBER 1, 2017
7:45 am  Registration / Continental Breakfast

CURRENT HEALTHCARE ENVIRONMENT & IMPACT ON CONGENITAL HEART CENTERS
Moderators: Paul King, MHA, CMPE; Paul Chai, MD

8:30  The Current Healthcare Environment & Complex Pediatric Care, Mark Wietecha, MS, MBA

9:05  Heart Center Structure: Children’s Healthcare of Atlanta, William T. Mahle, MD

9:20  Heart Center Structure: Children’s Hospital Los Angeles, David Romberger, RN, MSN

9:35  Heart Center Structure: University of Michigan C.S. Mott Children’s Hospital,
      John R. Charpie, MD, PhD

9:50  Heart Center Structure: Boston Children’s Hospital, John E. Mayer Jr., MD

10:05  Panel Q&A

10:30  Course Adjourns
CELEBRATION DINNER

SATURDAY, SEPTEMBER 30, 2017
7:00 PM - 10:00 PM

Join us for the Joint Conference Celebration Dinner at Zingerman’s newest property, the Greyline in Ann Arbor’s historic downtown. The Greyline will be specially transformed into our own “Lucky Wolverine” Pub featuring great food, drinks, and karaoke for your fun and enjoyment! This event space is limited, for details please see below. To purchase tickets, please visit the conference webpage.

PARKING

Parking is available on a flat lot across the street from Zingerman’s Greyline or a parking structure is available one block north off of W. Ann Street. (see map on next page).

ZINGERMAN’S GREYLINE

100 N. ASHLEY ST.
ANN ARBOR, MI 48104

The Greyline is located inside the Marriott Residence Inn in downtown Ann Arbor. You will enter the facility on the corner of E. Huron Street and Ashley Street (see map on next page).
**CONFERENCE VENUE**

University of Michigan Palmer Commons  
*Great Lakes Rooms - Floor 4*  
100 Washtenaw Ave.  
Ann Arbor, MI 48109  
[link](https://www.palmercommons.umich.edu)

- **Walking directions from The Graduate Ann Arbor Hotel to Palmer Commons** - walk East on E. Huron until you reach Washtenaw Ave. Take the pedestrian bridge over Washtenaw Ave. and enter Palmer Commons on your right. Take the elevators or stairs up to the fourth floor.

- **Parking:**  
  Palmer Commons - Please park in the visitors section of the Palmer Commons parking garage—the second entrance on the left off of Palmer Drive. Parking vouchers will be available at the conference registration desk.  
  Zingerman’s Greyline - Parking is available on a flat lot across the street from Zingerman’s Greyline or a parking structure is available one block north off of W. Ann Street. (see map below).

- A secure luggage room will be available during the entire conference on floor three of Palmer Commons.

**KEY**

1. - Surface Parking Lot - 201 W. Huron St.  
2. - Zingerman’s Greyline, 100 N. Ashley St.  
4. - Graduate Ann Arbor Hotel, 615 E Huron St.  
5. - Palmer Commons parking, 100 Washtenaw Ave. (please use the visitor parking entrance - 2nd entrance on the left)  
6. - pedestrian bridge to Palmer Commons

The Holiday Inn (3600 Plymouth Rd., Ann Arbor - not pictured on map) is a 10 minute drive from Palmer Commons. The hotel has a shuttle service, please coordinate with the front desk if needed.