



Register online now at [www.cincinnatichildrens.org/cfcfetology2017](http://www.cincinnatichildrens.org/cfcfetology2017)

**Registration**

**On or Before 9/25/17**

Practicing Physicians: \$425  
Phys in training, nurses & other clinical personnel: \$350

**After 9/25/17**

Practicing Physicians: \$475  
Phys in training, nurses & other clinical personnel: \$400

**Friday October 27<sup>th</sup> Only**

Practicing Physicians: \$255  
Phys in training, nurses & other clinical personnel: \$215

**Saturday October 28<sup>th</sup> Only**

Practicing Physicians: \$275  
Phys in training, nurses & other clinical personnel: \$235

Cancellations received on or before September 22, 2017, are fully refundable. After September 22, 2017 a \$50 processing fee will be charged.

**Meeting Venue**

**Sabin Hall**  
7539 Haskell Street  
Liberty Township, OH 45069

**Accreditation**

Cincinnati Children’s Hospital Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Cincinnati Children’s designates this live activity for a maximum of 10 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Accommodations**

**AC Hotel Cincinnati at Liberty Center — Marriott**  
7505 Gibson St, Liberty Township, OH 45069  
(513) 759-6500

Perfectly located near the Liberty Center, the AC Hotel Cincinnati North/West Chester provides the backdrop for a wonderful visit here in Ohio. Our spacious, modern rooms offer stylish design and boutique sophistication, as well as a range of amenities including free Wi-Fi, designed to make you feel at home. Start your morning here in Liberty Township with a workout at our on-site fitness center, or take a refreshing swim in our heated indoor pool. AC Kitchen, our hotel restaurant, showcases flavorful American dishes and is open for breakfast, lunch and dinner.

**Parking**

The Taylor Garage is located on the far west end of the property near the AC Marriot hotel on Taylor Street offering 574 parking spaces. From the garage, head toward “The Square” on Fountain View Drive and take the stairs next to Kona Grill (to the north) and proceed to the rooftop area and you will see Sabin Hall on the left.

**Airport**

The nearest airport to the conference location is the Cincinnati/Northern Kentucky International Airport (CVG; 20 min.). You can find additional information, including ground transportation at their website [www.cvgairport.com](http://www.cvgairport.com). Also nearby is Dayton International Airport (1 hr) and Columbus International Airport (2 hrs).

Nonprofit Org.  
US Postage  
**PAID**  
Cincinnati, Ohio  
Permit No. 4167

**Cincinnati  
Fetal Center**  
3333 Burnet Avenue  
MLC 9012  
Cincinnati, OH 45229

Advances in Fetology 2017  
HOW INNOVATION AND TECHNOLOGY  
ARE INFLUENCING DELIVERY OF FETAL CARE

**OCTOBER 27-28, 2017**  
Sabin Hall | Liberty Township, OH  
Hosted by Cincinnati Fetal Center  
[www.fetalcarecenter.org](http://www.fetalcarecenter.org) | 513-636-6259

**OCTOBER 27-28, 2017**

Sabin Hall | Liberty Township, OH

**HOSTED BY CINCINNATI FETAL CENTER**

[www.cincinnatichildrens.org](http://www.cincinnatichildrens.org) | 513-636-6259



FACULTY/SPEAKERS

**Armand Antommaria, MD, PhD**  
Associate Professor of Pediatrics  
Director, Cincinnati Children’s Ethics Center  
Lee Ault Carter Chair of Pediatric Ethics  
Cincinnati Children’s Hospital Medical Center

**Laura Broerman, RNC**  
Charge Nurse  
Cincinnati Fetal Center  
Cincinnati Children’s Hospital Medical Center

**Kimberly S. Burton, MSN, MBA, RNC**  
Clinical Director  
Cincinnati Fetal Center  
Cincinnati Children’s Hospital Medical Center

**Elena Carreras, MD, PhD**  
Obstetrics Medical Coordinator  
Head of Maternal Fetal Medicine Unit  
Hospital Universitari Vall d’Hebron  
Barcelona, Spain

**Katie Francis MSN, CPNP**  
Program Coordinator  
St. Louis Fetal Care Institute

**Mounira Habli, MD**  
Associate Professor of Surgery  
Maternal-Fetal Medicine Specialist, Cincinnati  
Fetal Center  
Cincinnati Children’s Hospital Medical Center

**Gregory G. Heuer, MD, PhD**  
Assistant Professor of Neurosurgery  
Children’s Hospital of Philadelphia

**Paul Kingma, MD, PhD**  
Associate Professor of Pediatrics  
Neonatal Director, Cincinnati Fetal Center  
Cincinnati Children’s Hospital Medical Center

**Foong-Yen Lim, MD**  
Associate Professor of Surgery  
Surgical Director, Cincinnati Fetal Center  
Cincinnati Children’s Hospital Medical Center

**Jose Peiro, MD, PhD**  
Associate Professor of Surgery  
Director, Endoscopic Fetal Surgery,  
Cincinnati Fetal Center  
Cincinnati Children’s Hospital Medical Center

**William Polzin, MD**  
Maternal-Fetal Medicine Co-Director, Cincinnati  
Fetal Center  
Director of Maternal-Fetal Medicine  
Good Samaritan Hospital

**Stefanie Riddle, MD**  
Assistant Professor of Pediatrics  
Neonatology and Pulmonary Biology  
Cincinnati Children’s Hospital Medical Center

**Nicki Smith, LGC**  
Seton Center, Good Samaritan Hospital  
Perinatal Center, Bethesda North Hospital

**Sammy Tabbah, MD**  
Assistant Professor of Obstetrics & Gynecology  
Maternal-Fetal Medicine Specialist,  
Cincinnati Fetal Center  
Cincinnati Children’s Hospital Medical Center

**Leandra K. Tolusso, MS, LGC**  
Genetic Counselor  
Cincinnati Children’s Hospital Medical Center

**Emanuel J. “Mike” Vlastos, MD**  
Director of Fetal Intervention, Fetal Health Center  
Children’s Mercy Kansas City Missouri

**Sarah Walterman, MS, LGC**  
Licensed Genetic Counselor  
Cincinnati Fetal Center  
Division of Human Genetics  
Cincinnati Children’s Hospital Medical Center

**William Whitehead, MD, MPH**  
Director of Clinical Research and Outcomes Program  
Texas Children’s Hospital

OVERVIEW

Advances in Fetology 2017, sponsored by the Cincinnati Fetal Center, will be held at Sabin Hall, north of downtown Cincinnati at Liberty Center: 7539 Haskell Street in West Chester, Ohio on October 27 & 28, 2017.

The focus of this year’s conference will be how innovation and technology are influencing the delivery of fetal care to the patient. Questions of access, expectations of consultations, and system support of rare disease episodes will be discussed.

We have regional, national and international experts scheduled to speak about ethics of access, minimally invasive MMC repair and FETO, prenatal screening technologies, nursing care delivery in fetal therapy programs, and the impact of fetal intervention on the NICU. Updates in the more common diagnoses like CDH and TTTS will be given. We will demonstrate imaging strategies to help determine plan of care for patients with MMC and TTTS along with CDH treatment strategies from patient triage to evaluation for surgery to bed-side care optimization.

The course is ideal for obstetricians/gynecologists, maternal-fetal medicine specialists, neonatologists, pediatric neurologists, developmental pediatricians, genetic counselors, social workers, ultrasonographers, nurses and fetal center coordinators. Residents and Fellows are encouraged to attend.

AGENDA

Friday, October 27, 2017

| noon         | Registration/Exhibits/Opening Keynote Addresses                                                                                                                                                                 |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1-1:40 pm    | Fetal Care Center Accessibility, Quality and Regionalization: Achieving excellent outcomes in a challenging environment<br><i>Mike Vlastos, MD</i>                                                              |
| 1:40-2:20 pm | Ethics of Innovation and Research: Special considerations in fetal therapy centers<br><i>Armand Antommaria, MD, PhD</i>                                                                                         |
| 2:20-3:20 pm | <b>Break, refreshments and ultrasound display:</b> Hands on technology in diagnosing spina bifida, TTTS, and CDH ( <i>Live scanning will take place in the TriHealth Chapel located across the courtyard.</i> ) |
| 3:20-3:50 pm | The Impact of Fetal Intervention on NICU Operations<br><i>Stefanie Riddle, MD</i>                                                                                                                               |
| 3:50-4:20 pm | The Development and Current Status of Nursing Care in Fetal Therapy Programs<br><i>Katie Francis, RN, MSN</i>                                                                                                   |
| 4:20-4:50 pm | Current Status of Diagnosis and Treatment Innovations for Fetal Meningomyelocele<br><i>William Whitehead, MD</i>                                                                                                |
| 4:50-5 pm    | <b>Closing Remarks</b>                                                                                                                                                                                          |
| 6-9 pm       | <i>There will be a social event at the Sabin Hall outdoor area with a reception and vendors. Food, cocktails and live music will be provided.</i>                                                               |

Cincinnati Fetal Center

Cincinnati Fetal Center is a unique collaboration among three leading medical institutions: Cincinnati Children’s Hospital Medical Center, Good Samaritan Hospital and University of Cincinnati Medical Center. Renowned fetal and maternal medicine specialists at the Cincinnati Fetal Center are committed to improving outcomes for high-risk pregnancies and enhancing the long-term quality of life for every patient treated.

Saturday, October 28, 2017

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7-7:30 am                 | <b>Catered Breakfast</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Morning Sessions</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 7:30-7:40 am              | <b>Opening Remarks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 7:40-8:05 am              | Current Strategies and Challenges in Management of GU Anomalies: Bilateral renal agenesis, functionally anephric newborns, oligohydramnios<br><i>William Polzin, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 8:10-8:35 am              | Open Fetal Surgery for Prenatal Repair of Fetal Meningomyelocele<br><i>Mike Vlastos, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8:40-9:05 am              | Minimally Invasive Surgery for Prenatal Repair of Fetal Meningomyelocele and Future Innovations<br><i>Jose Peiro, MD, PhD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 9:10-9:35 am              | Prenatal Surgery for Fetal Meningomyelocele—Lessons learned since the MOMS Trial<br><i>Gregory G. Heuer, MD, PhD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 9:40-10:05 am             | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10:10-10:35 am            | Neurologic Estimation of Fetal Motor Level in Spina Bifida by Ultrasound<br><i>Elena Carreras, MD, PhD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10:40-11:05 am            | Special Considerations in the Care of Children Following Prenatal Repair of Fetal Meningomyelocele<br><i>Gregory G. Heuer, MD, PhD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 11:15 am - 12:20 pm       | <b>Catered Lunch with Breakout Sessions (Presentations and Discussion)</b><br><br>1. <b>Genetics:</b> Current state of non-invasive prenatal testing in evaluation of fetal anomalies adequate for surgery pre-op counseling; available single gene; screening; microarray—helpful in anticipatory counseling; lab techniques, differences—clinical relevance<br><i>Nicki Smith, MS, CGC; Leandra Tolusso, MS, CGC; Sarah Walterman, MS, CGC</i><br><br>2. <b>Nursing:</b> Triage strategies, Evaluation for Surgery, Post diagnosis counseling, Bed-side Care Optimization<br><i>Laura Broerman, RN, MSN; Kim Burton, RN, MSN; Katie Francis, RN, MSN</i> |
| <b>Afternoon Sessions</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 12:30-12:55 pm            | Adjuvant Medical Therapy in Fetal Surgery<br><i>Mounira Habli, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1-1:25 pm                 | MRI Assessment of Lung Function, Reconstruction of Anatomic/Functional Airway Imaging<br><i>Paul Kingma, MD, PhD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1:30-1:45 pm              | Report out Key Findings—Genetics<br><i>Nicki Smith, MS, CGC; Leandra Tolusso, MS, CGC; Sarah Walterman, MS, CGC</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1:50-2:05 pm              | Report out Key Findings—Nursing<br><i>Laura Broerman, RN, MSN; Kim Burton, RN, MSN; Katie Francis, RN, MSN</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2:10-2:25 pm              | Maternal Challenges in Fetal Surgery—Cerclage, progesterone and pessary<br><i>Mounira Habli, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2:25-2:40 pm              | <b>Break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2:45-3:10 pm              | Diagnosis and Care of Fetus with CDH—Update on FETO Trial and early North American experience with balloon occlusion<br><i>Foong-Yen Lim, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3:15-3:40 pm              | Predictors of Donor and Recipient Outcome after Laser Surgery for TTTS<br><i>Sammy Tabbah, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3:45 pm                   | <b>Closing Remarks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

CONTACT INFORMATION

**Anne Riestenberg**  
513-636-6259  
anne.riestenberg@cchmc.org