

# BREAKTHROUGHS BEFORE BIRTH

A continuing education symposium

Saturday, Nov. 4, 2017

Washington Marriott at Metro Center  
775 12th St. NW • Washington, D.C. 20005

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**Children's Hospital  
of Philadelphia®**

Center for Fetal Diagnosis & Treatment

# COURSE INFORMATION

## COURSE OVERVIEW

Calling all maternal-fetal medicine specialists, geneticists, obstetricians, pediatric surgeons, radiologists, neonatologists, genetic counselors, nurses and sonographers. Leaders in the field from Children's Hospital of Philadelphia and the National Institutes of Health will address key concepts in prenatal counseling, fetal therapy, genetic testing, perinatal surveillance, surgical management and outcomes, as well as innovations and evolving research.

## GENERAL INFORMATION

The conference will be held Saturday, Nov. 4, 2017, at the Washington Marriott at the Metro Center, Washington, D.C. Registration will begin at 7:30 a.m. The registration fee (\$75 for physicians, \$50 for all other healthcare professionals) includes continental breakfast, lunch and program materials.

## LEARNING OBJECTIVES

At the conclusion of "Breakthroughs Before Birth" the participant should be able to:

1. Discuss ongoing research related to the human placenta, its function and potential future therapeutic options
2. Describe the impact of abnormal placentation on prenatal diagnosis, fetal therapeutic options and maternal-fetal outcomes
3. List the maternal and neonatal risks and benefits, research, and future implications associated with fetal therapy

## ACCME ACCREDITATION STATEMENT

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

## AMA CREDIT DESIGNATION STATEMENT

Children's Hospital of Philadelphia designates this live activity for a maximum of *5.75 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### CONTINUING NURSING EDUCATION APPROVED PROVIDER STATEMENT

Children's Hospital of Philadelphia is an approved provider of continuing nursing education by the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. This conference will provide continuing nursing education contact hours.

### CANCELLATION AND REFUND POLICY

Children's Hospital of Philadelphia reserves the right to cancel or postpone any conference due to any unforeseen circumstances.

In the event of cancellation or postponement, Children's Hospital will refund registration fees, but is not responsible for any related costs, charges or expenses to participants, including charges assessed by airlines, hotels and travel agencies. In order to process refunds, cancellations must be received in writing by Friday, Oct. 27, 2017. Refunds will be issued for the amount of registration minus a \$25 administrative fee. No refunds will be issued thereafter.

### 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.

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



# PROGRAM | SATURDAY, NOV. 4, 2017

- 7:30 a.m.**     **Registration and Continental Breakfast**
- 8 a.m.**         **Welcome**  
*Julie S. Moldenhauer, MD*
- 8:10 a.m.**     **The Human Placenta Project**  
*Catherine Y. Spong, MD*
- 9 a.m.**         **Extending Gestation: Progress Toward Physiologic Support of the Extreme Premature Infant**  
*Alan W. Flake, MD*
- 9:50 a.m.**     **The Maternal/Fetal Environment and Outcomes of Cardiac Surgery in Newborns**  
*J. William Gaynor, MD*
- 10:45 a.m.**    **Break**
- 11 a.m.**        **Fetal Surgery Report Card: 1995 vs. 2017**  
*N. Scott Adzick, MD, MMM*
- 11:45 a.m.**    **The Placenta and Maternal-Fetal Therapy**  
*Julie S. Moldenhauer, MD*
- 12:30 p.m.**   **Prodigious Placentas: Complex Cases of Fetal Anomalies and Working Lunch**  
*Rebecca L. Linn, MD*  
*Erica M. Schindewolf, MS, LCGC*
- 2 p.m.**         **Adjourn**

# COURSE FACULTY

*Unless otherwise noted, faculty is from Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.*

## COURSE DIRECTOR

**Julie S. Moldenhauer, MD**

*Medical Director, Garbose Family Special Delivery Unit  
Associate Professor of Clinical Obstetrics and Gynecology in Surgery*

## FACULTY

**N. Scott Adzick, MD, MMM**

*Surgeon-in-Chief  
Director, Center for Fetal Diagnosis and Treatment  
C. Everett Koop Endowed Chair in Pediatric Surgery  
Professor of Pediatrics, and Obstetrics and Gynecology*

**Alan W. Flake, MD**

*Director, Center for Fetal Research  
Ruth M. and Tristram C. Colket, Jr. Endowed Chair in Pediatric Surgery  
Professor of Surgery, and Obstetrics and Gynecology*

**J. William Gaynor, MD**

*Director, Fetal Neuroprotection and Neuroplasticity Program  
Daniel M. Tabas Endowed Chair in Pediatric Cardiothoracic Surgery  
Professor of Surgery*

**Teresa N. Grace, MBA, BSN, RN**

*Outreach Nurse, Center for Fetal Diagnosis and Treatment*

**Lori J. Howell, DNP, MS, RN**

*Executive Director, Center for Fetal Diagnosis and Treatment*

**Rebecca L. Linn, MD**

*Assistant Professor of Pathology and Laboratory Medicine*

**Sherry L. Monteleone, MSN, RNC, IBCLC**

*Continuing Nursing Education Nurse Planner*

**Erica M. Schindewolf, MS, LCGC**

*Certified Genetic Counselor, Center for Fetal Diagnosis and Treatment*

## GUEST FACULTY

**Catherine Y. Spong, MD**

*Deputy Director, Eunice Kennedy Shriver National Institute of Child Health  
and Human Development  
National Institutes of Health*