

THE 21<sup>ST</sup> ANNUAL  
**High-Risk Fetal Imaging  
and Perinatal Update Conference**  
*Plus* Hands-On Fetal Echo Course

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**September 27th & 28th, 2024**

**The Benson Hotel & Faculty Club | Children's Hospital Colorado**  
Virtual Options Available

*Presented by*



Maternal-Fetal Medicine  
UNIVERSITY OF COLORADO

**Colorado Fetal Care Center**



**COURSE CO-DIRECTORS:**  
**Henry Galan, MD**  
**Amanda Johnson, MD**  
**Camila Londono-Obregon, MD (fetal echo course)**

# FEATURED GUEST SPEAKERS



## **Mary Norton, MD**

Professor and Vice Chair for Clinical and Translational Genetics  
David E. Thorburn, MD and Kate McKee Thorburn Endowed Chair  
in Perinatal Medicine and Genetics  
Division of Maternal Fetal Medicine and Reproductive Genetics  
Department of Obstetrics, Gynecology & Reproductive Sciences  
University of California San Francisco School of Medicine

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## **Michael Nguyen, DO**

Assistant Clinical Professor  
Division of Cardiology  
Department of Internal Medicine  
University of Arizona College of Medicine – Phoenix  
Pediatric Cardiologist  
Phoenix Children's Hospital



# CONFERENCE FACULTY



**Hannah Elfman, MS, CGC**  
Senior Instructor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**Henry Galan, MD**  
Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine  
Co-Director, Colorado Fetal Care Center  
Children's Hospital Colorado



**Lisa Gilbert, RDCS, RVT, BS**  
Senior Pediatric Cardiac Sonographer  
Children's Hospital Colorado



**John Hobbins, MD**  
Clinical Professor Emeritus  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**Amanda Johnson, MD**  
Assistant Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**James Liu, MD**  
Assistant Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**Camila Londono-Obregon, MD**  
Assistant Professor  
Section of Cardiology  
Department of Pediatrics  
University of Colorado, School of Medicine



**Lauren Miller, MD, MPH**  
Assistant Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**Lauren Sayres, MD**  
Assistant Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**Shannon Son, MD, MSCI**  
Assistant Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine



**Trevor Williams, MD**  
Assistant Professor  
Section of Cardiology  
Department of Pediatrics  
University of Colorado, School of Medicine



**Michael Zaretsky, MD**  
Professor  
Division of Maternal-Fetal Medicine  
Director of Research, Colorado Fetal Care Center  
Department of Obstetrics and Gynecology  
University of Colorado, School of Medicine

# Friday, September 27, 2024

## 21st Annual High-Risk Fetal Imaging & Perinatal Update Conference

**7:15 AM Registration, Check-In, Breakfast**

*(The Benson Hotel & Faculty Club, 2nd floor ballroom)*

**7:50 AM Introduction**

Henry Galan, MD and Amanda Johnson, MD

*University of Colorado, School of Medicine*

**8:00 AM Invited Guest Speaker**

**Ultrasound Features of Genetic Syndromes: What You Should Know**

Mary Norton, MD

*University of California San Francisco School of Medicine*

**8:30 AM Soft Markers for Fetal Aneuploidy**

Lauren Miller, MD, MPH

*University of Colorado, School of Medicine*

**9:00 AM Updates in Genetic Testing in Pregnancy**

Hannah Elfman, MS, CGC

*University of Colorado, School of Medicine*

**9:30 AM Cesarean Scar Ectopic Pregnancy**

Shannon Son, MD, MSCI

*University of Colorado, School of Medicine*

**10:00 AM Break**

*(Hallway outside ballroom)*

**10:30 AM Cystic Fibrosis: Prenatal Testing, Ultrasound and Treatment**

Michael Zaretsky, MD

*University of Colorado, School of Medicine*

**11:00 AM Invited Guest Speaker**

**Nonimmune Hydrops**

Mary Norton, MD

*University of California San Francisco School of Medicine*

**11:30 AM Alloimmunization in Pregnancy**

James Liu, MD

*University of Colorado, School of Medicine*

**12:00 PM Break for Lunch**

*(Hallway outside ballroom, rose garden, balcony, ballroom)*

*\*Please note that schedule and speakers are subject to change.*



- 1:00 PM**    **Nuts and Bolts of Fetal Echo Measurements**  
Lisa Gilbert, RDCS, RVT, BS  
*Children's Hospital Colorado*
- 1:30 PM**    **Invited Guest Speaker**  
**Commonly Missed Congenital Heart Disease Lesions  
& High Yield Views to Avoid These**  
Michael Nguyen, DO  
*University of Arizona College of Medicine | Phoenix Children's Hospital*
- 2:00 PM**    **Identifying Ductal Dependent Lesions – Nuts & Bolts**  
Trevor Williams, MD  
*University of Colorado, School of Medicine*
- 2:30 PM**    **Break**  
*(Hallway outside ballroom)*
- 3:00 PM**    **Fetal Growth Restriction: The 4-Chamber Clip of the  
Fetal Heart as a Diagnostic Staple**  
John Hobbins, MD  
*University of Colorado, School of Medicine*
- 3:30 PM**    **Adnexal Masses in Pregnancy**  
Lauren Sayres, MD  
*University of Colorado, School of Medicine*
- 4:00 PM**    **Challenging Ultrasound Cases**  
Henry Galan, MD  
*University of Colorado, School of Medicine*
- 4:30 PM**    **Networking Event + Happy Hour**

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# Saturday, September 28, 2024

## Fetal Echocardiography: A Hands-On Course (optional workshop)

- 7:15 AM**     **Registration, Check-In, Breakfast**  
*(Children's Hospital Colorado Conference Center Foyer)*
- 8:00 AM**     **Introduction**  
*(Princeton)*  
Camila Londono-Obregon, MD  
*University of Colorado, School of Medicine*
- 8:15 AM**     **Evaluation of Fetal Heart Rhythms & Clinical Implications**  
*(Princeton)*  
Camila Londono-Obregon, MD  
*University of Colorado, School of Medicine*
- 9:00 AM**     **Invited Guest Speaker**  
*(Princeton)*  
**Navigating Critical Valve Pathologies: Aortic Stenosis, Ebsteins Anomaly, and Pulmonary Stenosis**  
Michael Nguyen, DO  
*University of Arizona College of Medicine | Phoenix Children's Hospital*
- 9:45 AM**     **Break and Walk Over to the Colorado Fetal Care Center**

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### Hands-On Scanning

*(Colorado Fetal Care Center)*

- 10:15 AM**     **Hands-On Scanning Session 1**  
*(CFCC)*
- 11:00 AM**     **Break**
- 11:15 AM**     **Hands-On Scanning Session 2**  
*(CFCC)*
- 12:00 PM**     **Wrap-up**
- 12:30 PM**     **Adjourn**

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THANK YOU TO OUR EXHIBITORS!

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Children's Hospital Colorado

**BEST CHILDREN'S HOSPITALS**  
**TOP 10**  
**IN THE NATION**  
**Putting Kids #1**

