13th Annual
UCLA Fetal Echocardiography Symposium

An In-Person and Live Virtual Education Conference

Course Director: Mark Sklansky, MD
Saturday, October 28, 2023
Iris Cantor Auditorium
Geffen Hall, UCLA Campus
885 Tiverton Dr.
Los Angeles, CA 90095

Partnering with
HOPEFUL HEARTS
Ava Rowen Efune Memorial Fund
California
American College of Cardiology
7:00 am  On-site In-Person Registration and Breakfast
7:45 am   Live Streaming Opens for Virtual Participants
8:00 am   Welcome and Introduction  
          *Mark Sklansky, MD*

**Session 1**  
**Moderators**  
*Christina Han, MD, and Yalda Afshar, MD*

8:15 am   Fetal Cardiac Screening vs. Fetal Echocardiography: What’s the Difference?  
          *Tracy Anton, RDMS, RDCS*

8:40 am   How to Image the Fetal Heart: Pearls for 2D Imaging, Color and Spectral Doppler  
          *Mishella Perez, RDMS, RDCS*

9:05 am   Prenatal Detection of CHD: It’s Not All About the Heart  
          *Yalda Afshar, MD*

9:30 am   Round Table Case Discussion: Fetal Cardiac Screening  
          *All Course Faculty*

9:55 am   Break

**Session 2**  
**Moderators**  
*Greggory DeVore, MD, and Mishella Perez, RDMS, RDCS*

10:15 am  Fetal Arrhythmias: Clinical Clues for Diagnosis and Management  
          *Koyelle Papneja, MD*

10:40 am  Heterotaxy: Basics of Evaluation  
          *Tracy Anton, RDMS, RDCS*

11:05 am  Importance of Early Detection of CHD: An Adult Congenital Cardiologist’s Perspective  
          *Jamil Aboulhosn, MD, FACC*

11:30 am  Parent’s Testimonial—A Father Speaks for His Family  
          *Ryan Efune*
11:40 am  Patient Testimonials—Children Speak For Themselves!
Mark Sklansky, MD and Patient ambassadors

12:00 pm  Lunch

Session 3  Moderators
Christina Han, MD, and Roslyn Rivera, RN

1:00 pm  Transposition of the Great Arteries and Tetralogy of Fallot
Mark Sklansky, MD

1:25 pm  Tricuspid Valve Disease: Mild Regurgitation to Ebstein’s/Tricuspid Valve Dysplasia
Gary Satou, MD

1:50 pm  Point-of-Care Evaluation of Maternal Cardiac Function at the Time of Fetal Cardiac Imaging—What’s the Point?
Greggory DeVore, MD

2:15 pm  TAPVR and Coarctation of the Aorta: The Challenge and Importance of Prenatal Diagnosis
Mark Sklansky, MD

2:40 pm  Round Table Case Discussion: Fetal Echocardiography
All Course Faculty

3:05 pm  Break

Session 4  Moderators
Yalda Afshar, MD and Tracy Anton, RDMS, RDCS

3:20 pm  Fetal Cardiac Quiz: From Basics to Advanced
Mark Sklansky, MD

3:45 pm  Live Scanning Demonstration: Normal and Abnormal Cases
Tracy Anton, RDMS, RDCS, and Mark Sklansky, MD

4:15 pm  Live—Hands-On Scanning Workshop (limited to reserved guests)
Tracy Anton, Greggory DeVore, Jack Johnson, Mishella Perez, Gary Satou

5:15 pm  Adjourn
**In-Person & Virtual Registration Fees**

USA Residents: $200  
International Residents (non-USA): $100  
(Optional) Hands-on Workshop  
(4:15 pm – 5:15 pm): $25  
Limited spaces—reserve early!  

*To add the hands-on workshop, registrants need to be enrolled in the in-person symposium*

**Location**

Iris Cantor Auditorium  
Geffen Hall, UCLA Campus  
885 Tiverton Dr.  
Los Angeles, CA 90095

**Parking and Directions**

From the 405 freeway, exit Wilshire Blvd., East toward Westwood. Turn left on Westwood Blvd. and turn right on Le Conte Ave. Then, turn left on Tiverton Ave. Once you turn in on Tiverton, go straight into the Geffen Hall parking structure labeled “Visitor Parking 18 & 27”. Proceed left to “Visitor Parking 18”. Please park in the “Visitor Parking 18” Lot.

Please use the pay-by-plate station to purchase your parking permit. Participants are responsible for their own parking charges at a rate of $15 per vehicle. The Geffen Hall Auditorium is located at the intersection of Le Conte Ave. and Tiverton Ave.

**The 13th Annual UCLA Fetal Echocardiography Symposium will also be available through a live virtual meeting web platform.**

- Attendees who choose to attend the live virtual activity will receive a virtual meeting link and password to access the live virtual conference.  
- All registrants (live or virtual) will be provided the opportunity to review recorded sessions up to 3 weeks following the conference.  
- Attendees will be awarded CME credit commensurate with the extent of their participation in the live activity (either in-person or virtual). The recorded sessions are not certified for CME credit.

**Enrollment**

**Online**

Go to [https://events.medschool.ucla.edu/event/fetalcardiac23](https://events.medschool.ucla.edu/event/fetalcardiac23) and click on register. We accept Visa, MasterCard, American Express, Discover credit cards, and ACH/electronic transfer.

Any questions, please email the UCLA CCPD Office at ccpd@mednet.ucla.edu, or call 310-794-2620.

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**Refunds**

Cancellations must be received via email to ccpd@mednet.ucla.edu by Friday, September 29, 2023 and will be subject to a $75 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled, a full refund will be provided.

**Accreditation**

The David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The David Geffen School of Medicine at UCLA, designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California State Board of Registered Nursing accepts courses approved or the AMA PRA Category 1 Credit™ as meeting the continuing education requirements for license renewal. Nurses from states other than California should inquire with their local State Board for specific continuing education policies.

**Disclosure Statement**

The FDA has issued a concept paper that classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. UCLA fully endorses the letter and spirit of these concepts.

**Thank you!**

Special thanks to Hopeful Hearts and to the Ava Rowen Efune Memorial Fund for their support of this symposium and the UCLA Fetal Cardiology Program’s efforts to improve prenatal detection of congenital heart disease.

**Early registration is recommended, as space is limited.**

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We accept Visa, MasterCard, American Express, and Discover credit cards.

To register using a credit card or ACH/electronic transfer, please visit https://events.medschool.ucla.edu/event/fetalcardiac23 and click on register.

*Credit card and check payments via phone, fax, or mail are no longer accepted.

Questions: If you have questions about enrollment, please call (310) 794-2620 or email: ccpd@mednet.ucla.edu.
Course Description

Our Thirteenth Annual UCLA Fetal Echocardiography Symposium promises to be our single most exciting symposium to date! For the first time, this conference will be performed in a hybrid format—live in-person at the state-of-the-art Iris Cantor Auditorium and Garry Shandling Learning Studio at Geffen Hall on the UCLA Campus, and live-streamed around the world. In addition, the symposium will be recorded and available for review online for weeks after the symposium has concluded.

Presentations will focus on clinically relevant tips and pearls aimed at sonographers and physicians who perform or interpret fetal cardiac screening examinations or dedicated fetal echocardiography. This year’s faculty—including widely acclaimed sonographers, maternal-fetal medicine subspecialists, and pediatric and adult congenital cardiologists—will provide a comprehensive overview of the basic and more advanced aspects of fetal cardiac imaging, both screening and detailed fetal echocardiography. In addition, the symposium will feature exciting, multi-disciplinary round-table discussions on fetal cardiac screening and fetal echocardiography, real-life, live scanning (normal and abnormal hearts) by experts, and personal testimonials from children with congenital heart disease. Finally, this year ‘s symposium will offer, for the first time, a live hands-on scanning workshop (small additional fee) for personalized instruction on scanning.

Target Audience

The Thirteenth Annual UCLA Fetal Echocardiography Symposium is targeted toward healthcare professionals regionally, nationally and around the world who are seeking to improve their ability to scan and evaluate the fetal heart—in the context of low risk fetal cardiac screening and high risk fetal echocardiography. The symposium is aimed specifically toward obstetric/cardiac sonographers, physicians (maternal-fetal medicine subspecialists, obstetricians, radiologists, and pediatric cardiologists), sonographers/fellows in training, and nurses and other healthcare professionals involved with the management of pregnancies complicated by fetal heart disease.

Learning Objectives

At the conclusion of this intensive, one-day symposium, participants will be able to:

• Discuss current guidelines for fetal cardiac screening and fetal echocardiography
• Improve their basic approach to screening low risk pregnancies for fetal heart disease
• Identify new ways to optimize image quality, angle of acquisition, and color/spectral Doppler evaluation of the fetal heart
• Acquire high-quality images/clips of the four-chamber view, outflow tracts, and three-vessel views
• Evaluate and diagnose fetal arrhythmias
• Identify the clinical importance of accurate and compassionate prenatal detection and diagnosis of congenital heart disease
### Course Director

Mark Sklansky, MD  
Chief, Division of Pediatric Cardiology  
James H. Nicholson Professor of Clinical Pediatrics  
Director, Fetal Cardiology Program  
Medical Director, UCLA Children's Heart Center  
UCLA Mattel Children's Hospital  
David Geffen School of Medicine at UCLA

### Course Associate Director

Tracy Anton, BS, RDMS, RDCS, FAIUM  
Assistant Clinical Professor  
Department of Reproductive Medicine  
Ultrasound Practitioner  
University of California, San Diego

### UCLA Faculty

#### Jamil Aboulhosn, MD, FACC  
Director, Ahmanson/UCLA Adult Congenital Heart Disease Center  
Professor of Clinical Medicine  
David Geffen School of Medicine at UCLA

#### Yalda Afshar, MD, PhD  
Assistant Professor  
Division of Maternal-Fetal Medicine  
Co-Director, UCLA Cardio-Obstetrics Program  
Department of Obstetrics and Gynecology  
David Geffen School of Medicine at UCLA

#### Greggory DeVore, MD, FACOG, FAIUM  
Clinical Professor, Department of Obstetrics and Gynecology  
David Geffen School of Medicine at UCLA  
Director, Fetal Diagnostic Centers  
Pasadena, Tarzana, Lancaster, California

#### Christina Han, MD  
Division Director and Associate Clinical Professor  
Division of Maternal-Fetal Medicine  
Department of Obstetrics and Gynecology  
David Geffen School of Medicine at UCLA

#### Jack Johnson, III, RDCS  
Fetal and Pediatric Cardiac Sonographer, RDMS, RDCS  
UCLA Children's Heart Center  
UCLA Mattel Children's Hospital

#### Koyelle Papneja, MD, FRCPC, FAAP, FACC  
Assistant Clinical Professor of Pediatrics  
Director, UCLA Inpatient Pediatric Cardiology Service  
Program Director, UCLA Pediatric Cardiology Fellowship  
UCLA Mattel Children's Hospital  
David Geffen School of Medicine at UCLA

#### Roslyn Rivera, RN, BSN, CPN-BC  
Fetal and Pediatric Cardiology Nurse Coordinator  
Cardiac High Acuity Surveillance Nurse  
UCLA Children's Heart Center  
UCLA Mattel Children's Hospital  
Los Angeles, California

#### Gary M. Satou, MD, FASE, FAHA  
Clinical Professor of Pediatrics  
Director, Pediatric Echocardiography  
Co-Director, Fetal Cardiology Program  
UCLA Mattel Children's Hospital  
David Geffen School of Medicine at UCLA

#### Guest Faculty

Mishella Perez, BS, RDMS, RDCS, FAIUM  
Clinical Ultrasound Educator  
Division of Maternal-Fetal Medicine  
Department of Obstetrics & Gynecology  
Scripps Clinic, La Jolla, California
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