



# Pacific Coast Fetal Cardiology 2017

An Interactive and Case-Based  
Educational Symposium

## Program Directors

**Wyman W. Lai, MD, MPH**

*Medical Director, Echocardiography, CHOC Children's  
Co-Medical Director, Heart Institute, CHOC Children's*

**Anita Moon-Grady, MD**

*Director, Fetal Cardiovascular Program, UCSF Benioff Children's Hospital*

## Keynote Speakers

**Lynn L. Simpson, MD, MSc**

*Hillary Rodham Clinton Professor of Women's Health  
Chief of Maternal-Fetal Medicine, Columbia University Medical Center*

**Wayne Tworetzky, MD**

*Director, Fetal Cardiac Imaging, Boston Children's Hospital  
Director, Fetal Cardiology, Boston Children's Hospital*

**DATES:** Friday – Saturday, April 28-29, 2017

**LOCATION:** Newport Beach Marriott Resort  
900 Newport Center Drive  
Newport Beach, CA

*Sponsored in part by:*

## Conference Description

On behalf of Drs. Wyman Lai, from Children's Hospital of Orange County (CHOC) and Anita Moon-Grady, from UCSF, program directors, CHOC is pleased to announce the inaugural **Pacific Coast Fetal Cardiology 2017: An Interactive and Case-Based Educational Symposium**.

The planning committee is delighted to invite Dr. Wayne Tworetzky from Boston Children's and Dr. Lynn Simpson from Columbia as keynote speakers. Additional distinguished faculty will include Dr. Norman Silverman and colleagues (UCSF), Dr. Mark Sklansky (UCLA), Dr. Jay Pruetz (CHLA), and clinicians from CHOC and UCSF. The symposium will be organized into interactive, case-based sessions. The primary goal is to improve the screening and diagnostic capabilities of the obstetric and fetal cardiac programs in the region.

These experts in the field of fetal cardiology will teach healthcare professionals, who perform routine prenatal screenings, how to detect serious heart defects during pregnancy, and how to discern when to refer to a fetal cardiology specialist for further testing, counseling and intervention. Additionally, they will provide education on the current International Society for Ultrasound in Obstetrics and Gynecology (ISUOG) and American Society of Echocardiography (ASE) guidelines to increase screening efficacy and appropriate referrals to specialized prenatal imaging centers.

## Conference Outcomes

1. Use suggested best practices for fetal cardiology screening.
2. Apply the current International Society for Ultrasound in Obstetrics and Gynecology (ISUOG) and American Society of Echocardiography (ASE) guidelines to improve screening efficacy.
3. Rule out or assess for selected complex anomalies during fetal cardiology screening.
4. Diagnose obstructive left heart lesions and counsel families on treatment options and prognoses.
5. Use key features reviewed to diagnose heterotaxy syndrome.
6. Counsel patients on the benefits and limitations of early fetal echocardiography.
7. Diagnose Tetralogy of Fallot, its variants and refer for treatment.

## Accreditation

CHOC is accredited by the Institute for Medical Quality/California Medical Association (IMQ/CMA) to provide continuing medical education for physicians.

CHOC designates this live activity for a maximum of 10 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in this live activity.

**CEUs:** Provider approved by the California Board of Registered Nursing, Provider #16607 for 10 Contact Hours.

**Sonographer Hours:** 10 *AMA PRA Category 1 Credits*<sup>™</sup> is accepted by ARDMS.

## Financial Disclosure

Educational grants are being sought in support of this live activity.

## CALL FOR CASES!

We would like to invite you to submit an interesting case in one or more of the following clinical areas:

- Obstructive left heart lesions
- Heterotaxy syndrome
- Early fetal echocardiography
- Variants of tetralogy of Fallot

Up to 12 clinical cases (three per topic) will be selected based on overall interest as well as the role of fetal cardiovascular ultrasound imaging in diagnosis, clinical decision making, and patient management.

Case submissions should include Clinical Presentation, Imaging Findings, and Summary and Discussion Points. For the submission process, the recommended numbers of slides is six, with a maximum of three video slides. We encourage submissions from sonographers, trainees, and junior staff.

During the symposium, presenters will be allowed six minutes, with as many or as few slides as desired. Each case will be followed by a question-and-answer period involving a panel of experts.

Case submission for Pacific Coast Fetal Cardiology 2017 is currently open at <https://fetalcardiology.eventgrid.com/>. The submission deadline is Tuesday, March 14<sup>th</sup> at 11:59 pm PST. Each case presenter will receive a registration discount of \$50. Additionally, 1st and 2nd place prizes will be awarded at the conference.

If you have any questions regarding the clinical case submission process, please contact Dr. Wyman Lai at [wlai@choc.org](mailto:wlai@choc.org).

Thank you!

Wyman W. Lai, MD, MPH, Program Director  
Anita Moon-Grady, MD, Program Director

# CONFERENCE FACULTY



## Planning Committee

### **Wyman W. Lai, MD, MPH – Chair, Program Director**

*Medical Director, Echocardiography, CHOC Children's  
Co-Medical Director, Heart Institute, CHOC Children's  
Clinical Professor, Pediatrics, UC Irvine School of Medicine*

### **Anita Moon-Grady, MD – Chair, Program Director**

*Director, Fetal Cardiovascular Program, UCSF  
Professor of Pediatrics*

## Conference Faculty – Scheduled to Present

### **Lynn L. Simpson, MD, MSc – Keynote Speaker**

*Hillary Rodham Clinton Professor of Women's Health  
Director of Maternal-Fetal Medicine  
Columbia University Medical Center*

### **Wayne Tworetzky, MD – Keynote Speaker**

*Director, Fetal Cardiac Imaging  
Director, Fetal Cardiology, Boston Children's Hospital*

### **Nita Doshi, MD**

*Pediatric and Fetal Cardiology, CHOC Children's  
Asst Professor, UCI School of Medicine*

### **Kathy Munson**

*Cardiac Sonographer, CS Cardiology  
CHOC Children's*

### **Hythem Nawaytou, MD**

*Assistant Professor, Clinical Pediatrics  
Pediatric Cardiologist  
UCSF Benioff Children's Hospital, San Francisco*

### **Shabnam Peyvandi, MD**

*Assistant Professor, Clinical Pediatrics  
Pediatric Cardiologist  
UCSF Benioff Children's Hospital, San Francisco*

### **Jay Pruetz, MD**

*Associate Professor of Clinical Pediatrics and  
Obstetrics & Gynecology, Keck School of Medicine of USC  
Director, Fetal Cardiology Program  
Division of Cardiology, Children's Hospital Los Angeles*

### **Pierangelo Renella, MD**

*Director, Cardiac MRI program, CHOC Children's  
Pediatric and Fetal Cardiology, CHOC Children's  
Asst Professor of Pediatrics, UCI School of Medicine  
Assoc. Physician Diplomate, UCLA Dept. of Radiology*

### **Norman Silverman, MD**

*Professor of Pediatrics (Cardiology)  
Stanford University Medical Center*

### **Mark Sklansky, MD**

*Professor and Chief, Pediatric Cardiology  
David Geffen School of Medicine at UCLA  
Medical Director, Children's Heart Center  
Mattel Children's Hospital at UCLA*

### **Neda Zadeh, MD**

*Associate Director, Molecular Diagnostic Laboratory  
Genetics Center  
Geneticist, CHOC Children's*

# CONFERENCE SCHEDULE

## Friday, April 28, 2017

- 9:00 AM Breakfast and Registration  
9:45 AM **Welcome and Introduction**

### Fetal Screening for Congenital Heart Disease

- 10:00 AM Understanding Fetal Screening for Chromosomal Abnormalities  
- *Neda Zadeh, MD*
- 10:30 AM Fetal Cardiovascular Screening Guidelines and Beyond: Advanced Cardiac Assessment and Role of the Fetal Cardiologist  
- *Jay Pruetz, MD*

- 11:00 AM Keynote Session:** Prenatal Detection of Congenital Heart Disease: What are we doing wrong?  
- *Lynn L. Simpson, MD, MSc*

- 11:45 AM Q&A  
12:00 PM Lunch

### Similar but Different

- 1:15 PM D- vs. L-Transposition of the Great Arteries  
- *Nita Doshi, MD*
- 1:35 PM Coarctation of the Aorta vs. Interrupted Aortic Arch  
- *Pierangelo Renella, MD*
- 1:55 PM Arrhythmias: Benign vs. Malignant  
- *Hythem Nawaytou, MD*
- 2:15 PM Hydrops: Non-Cardiac vs. Cardiac  
- *Shabnam Peyvandi, MD*
- 2:35 PM Q&A  
2:45 PM Break

### Obstructive Left Heart Lesions

- 3:00 PM Keynote Session:** Fetal Assessment of Left-Sided Heart Defects and In-Utero Therapy for Selected Lesions  
- *Wayne Tworetzky, MD*
- 3:45 PM Q&A  
4:00 PM Cases and Panel  
- *Nita Doshi, MD, Anita Moon-Grady, MD, Jay Pruetz, MD, Wayne Tworetzky, MD*

## Saturday, April 29, 2017

- 7:00 AM Breakfast  
7:45 AM **Welcome Back**

### Heterotaxy Syndrome

- 8:00 AM Concepts of Situs and Isomerism  
- *Norman Silverman, MD*
- 8:30 AM Q&A  
8:40 AM Cases and Panel  
- *Wyman W. Lai, MD, MPH, Pierangelo Renella, MD, Norman Silverman, MD, Wayne Tworetzky, MD*
- 9:30 AM Break

### Early Fetal Echocardiography

- 9:45 AM Early Fetal Echocardiography  
- *Anita Moon-Grady, MD*
- 10:05 AM Live Case, Cases, and Panel  
- *Anita Moon-Grady, MD, Hythem Nawaytou, MD, Lynn L. Simpson, MD, MSc, Mark Sklansky, MD*

### Variants of Tetralogy of Fallot

- 11:00 AM Variants of Tetralogy of Fallot  
- *Wyman W. Lai, MD, MPH*
- 11:20 AM Live Case, Cases, and Panel  
- *Wyman W. Lai, MD, MPH, Norman Silverman, MD, Shabnam Peyvandi, MD, Mark Sklansky, MD*

### **Adjourn at 12:15 PM**



# CONFERENCE DETAILS



## Location

Newport Beach Marriott Resort  
900 Newport Center Drive  
Newport Beach, CA

## Discounted Hotel Accommodations

Make your room reservation now! The special rate for our conference is \$189.00 plus tax. A limited number of rooms are reserved at this rate. To secure a room at the Newport Beach Marriott Resort, please book online 24/7 at

<https://aws.passkey.com/go/ChildrensHospitalCardiology> or call (877) 622-3056, M-F, 8 AM to 5 PM PST. **Reservations must be made by Thursday, April 6, 2017** or before the group rooms are sold out, so do not delay. Prevailing rates may apply after this date or when the group rooms are sold out, whichever occurs first. Rooms are subject to availability.

## Tuition – Early Bird Rate through March 24, 2017

\$295 for Physicians  
\$175 for Nurses/Sonographers/Technicians  
\$100 for Residents/Fellows/Trainees

## Tuition – Standard Rate begins on March 25, 2017

\$345 for Physicians  
\$225 for Nurses/Sonographers/Technicians  
\$150 for Residents/Fellows/Trainees

## Registration

Our easy online registration form is available at <https://fetalcardiology.eventgrid.com>.

## Substitutions

Substitutes for registered participants are accepted but must be arranged in advance by contacting the Conference Planning Department at 800-329-2900 or [choccme@choc.org](mailto:choccme@choc.org).

## Cancellations

Cancellations should be submitted in writing prior to **March 17, 2017, by emailing [choccme@choc.org](mailto:choccme@choc.org)**. An administrative charge of \$75.00+fees will be deducted from your paid registration and a confirmation sent to you. All admin fees and credit card transaction fees are NOT refundable. Cancellations on or after that date and no-shows will not be refunded. **Registrations are transferable.** Please call 800-329-2900 or email [choccme@choc.org](mailto:choccme@choc.org) to arrange for a substitution or refund before March 17, 2017.

All continuing medical education activities are subject to cancellation. In the event that this conference would have to be cancelled, CHOC Children's is not responsible for any airfare, hotel or other costs incurred by participants. In the event of an emergency, we reserve the right to cancel a session or substitute a qualified speaker.

## Questions?

E: [choccme@choc.org](mailto:choccme@choc.org)

T: 800-329-2900

W: [fetalcardiology.eventgrid.com](http://fetalcardiology.eventgrid.com)



# CONFERENCE REGISTRATION

## WE RECOMMEND:

**Easy Online Registration!** Online & secure registration is available at <https://fetalcardiology.eventgrid.com>.

**OR** You may complete the following to register by mail or FAX.

## STEP 1: Please select your registration category

### Tuition – Early Bird Rate through March 24, 2017

- \$295 for Physicians
- \$175 for Nurses/Sonographers/Technicians
- \$100 for Residents/Fellows/Trainees

### Tuition – Standard Rate begins on March 25, 2017

- \$345 for Physicians
- \$225 for Nurses/Sonographers/Technicians
- \$150 for Residents/Fellows/Trainees

## STEP 2: Please complete all fields

| Registrant (Please complete a form for each person registering) |  |        |  |
|---|--|--------|--|
| First Name:   |  |        |  |
| Last Name:  |  |        |  |
| Credentials (e.g., MD, RN, etc.):                               |  |        |  |
| Email Address:  |  |        |  |
| Job Title:  |  |        |  |
| Company/Organization:   |  |        |  |
| Mailing Address:  |  |        |  |
| 2 <sup>nd</sup> Mailing/Address:                                |  |        |  |
| City:   |  | State: |  |
| Zip Code:   |  |        |  |
| Daytime Phone:  |  |        |  |
| Please Complete ALL Credit Card Information Below:              |  |        |  |
| Credit Card Type:   | Please check one: <input type="checkbox"/> VISA <input type="checkbox"/> Master Card <input type="checkbox"/> American Express |        |  |
| Credit Card Number:   |  |        |  |
| Expiration Date:  |  |        |  |
| Security Code/CVV Code:   |  |        |  |
| Name on Credit Card:  |  |        |  |
| Credit Card Billing Address:                                    |  |        |  |
| Credit Card Billing City:                                       |  |        |  |
| Credit Card Billing State:                                      |  |        |  |
| Credit Card Billing Zip Code:                                   |  |        |  |
| Credit Card Billing Phone:                                      |  |        |  |

## STEP 3: Send Completed Form

By FAX or Email

(FAX: 714.509.8785 Email: [CHOCCME@CHOC.ORG](mailto:CHOCCME@CHOC.ORG))

Pay by Check

Make Checks Payable to **CHOC Children's Hospital**.

**Include this form and mail check to:**

Attention: Cristen Hemingway  
Business Development  
CHOC Children's Hospital  
1201 W. La Veta Ave.  
Orange, CA 92868

### Registration Fee:

|   |             |    |      |
|---|-------------|----|------|
| + | Admin Fee:  | \$ | 3.00 |
| = | *Total Due: |    |      |

\*If paying by credit card, there is an additional 0.95% charge added to the transaction. Admin fees + credit card transaction fees are non refundable.

Upon successful processing via credit card or by check, an email registration confirmation/receipt will be sent to the email address you supply on this form.  
Please keep the email confirmation for your records.