Cool Topics in Neonatology

23rd Annual Conference

Friday, Saturday & Sunday
March 3-5, 2017
Coronado Island Marriott Resort
Coronado, California
La Jolla, California

Research in Human Milk and Lactation
President, International Society for Research Excellence (MoMI CoRE)
Director, Mother-Milk-Infant Center of University of California, San Diego
Associate Professor of Pediatrics
Lars Bode, MD

Atlanta, Georgia

Prevention and Health Promotion
National Center for Chronic Disease Division Chief of Neonatal-Perinatal Medicine, AAP
Assistant Professor of Pediatrics
Loma Linda University School of Medicine
Loma Linda, California

Kara L. Calkins, MD
Assistant Professor, Department of Neonatology
David Geffen School of Medicine at UCLA
Los Angeles, California

Sacramento, California

Director of Infection Prevention and Control
St. Mary's Hospital

San Francisco, California

Udaykumar P. Devaskar, MD
Professor of Pediatrics
David Geffen School of Medicine at UCLA
Los Angeles, California

Andrew O. Hopper, MD
Chair, District IX Section on Neonatal-Perinatal Medicine, AAP
Professor of Pediatrics
Loma Linda University School of Medicine
Loma Linda, California

Faculty

David H. Adamkin, MD
Professor of Pediatrics
Division Chief of Neonatal Medicine
Rounseval Chair of Neonatology
University of Louisville
Louisville, Kentucky
Ira Adams-Chapman, MD, MPH
Assistant Professor of Pediatrics
Emory University School of Medicine
Neonatologist, Children’s Healthcare of Atlanta
Atlanta, Georgia
Meghan Azad, PhD
Assistant Professor, Department of Pediatrics & Child Health
Research Scientist, Children’s Hospital
Research Institute of Manitoba
University of Manitoba
Manitoba, Canada
Wanda D. Barfield, MD, MPH, FAAP
Captain, U.S. Public Health Service
Director, Division of Reproductive Health
National Center for Chronic Disease Prevention and Health Promotion
Atlanta, Georgia
Lars Bode, MD
Associate Professor of Pediatrics
University of California, San Diego
Director, Mother-Milk-Infant Center of Research Excellence (MoMI CoRE)
President, International Society for Research in Human Milk and Lactation (ISRHML)
La Jolla, California

Atul Butte, MD, PhD
Professor of Pediatrics
University of California, San Francisco
Director, Institute for Computational Health Sciences
San Francisco, California

Kara L. Calkins, MD
Assistant Professor, Department of Neonatology
David Geffen School of Medicine at UCLA
Los Angeles, California

Susan E. Carlson, PhD
Department of Dietetics and Nutrition
University of Kansas Medical Center
Kansas City, Missouri

Christina Chambers, PhD, MPH
Division of Epidemiology
Department of Family Medicine and Public Health
University of California, San Diego School of Medicine
San Diego, California

John Patrick Cleary, MD
ECMO Director & Associate Director
CVICU, CHOC Children’s Hospital
Regional Director of Neonatology, CHOC PSF
Associate Clinical Professor of Pediatrics
University of California, Irvine
Irvine, California

Ronald S. Cohen, MD
Clinical Professor of Pediatrics
Stanford University School of Medicine
Medical Director - ICN
Lucile Packard Children’s Hospital
Palo Alto, California

Jennifer L. Fang, MD, MS
Fellow, Neonatal-Perinatal Medicine
Assistant Professor of Pediatrics
Mayo Clinic College of Medicine
Rochester, MN

Neil N. Finer, MD
Professor Emeritus
University of California, San Diego
Neonatal Research Associate
Sharp Mark Birch Hospital for Women and Newborns
San Diego, California

Katie Hinde, PhD
Associate Professor, School of Human Evolution and Social Change
Center for Evolution and Medicine
Arizona State University
Tempe, Arizona

Thomas Hui, MD
Pediatric Surgery
UCSF Benioff Children’s Hospital Oakland
University of California, San Francisco
San Francisco, California

Marilyn C. Jones, MD
Professor of Clinical Pediatrics
Clinical Service Chief, Genetics
Rady Children’s Hospital-San Diego
University of California, San Diego
La Jolla, California

Rob Knight, PhD
Professor, Departments of Pediatrics and Computer Science & Engineering
Director, Center for Microbiome Innovation
University of California, San Diego
La Jolla, California

Satyan Lakshminrusimha, MD
Professor of Pediatrics and Chief, Neonatology
Department of Pediatrics
Women and Children’s Hospital of Buffalo
Buffalo, New York

Grace Lee, MD, MPH
Associate Professor of Population Medicine and Pediatrics, Harvard Medical School
Director of the Center for Healthcare Research in Pediatrics
Associate Medical Director of Infection Prevention and Control
Boston Children’s Hospital
Boston, Massachusetts

Lawrence Prince, MD, PhD
Associate Professor of Pediatrics
Division Chief of Neonatology
Rady Children’s Hospital
University of California, San Diego
La Jolla, California

Rangasamy Ramanathan, MD
Professor of Pediatrics
Division Chief, Neonatal Medicine, LAC and USC Medical Center
Director, NPM Fellowship Program and NICU
Los Angeles, California

John A. F. Zupancic, MD, MS, ScD
Associate Professor of Pediatrics
Harvard Medical School
Associate Chief of Neonatology
Beth Israel Deaconess Medical Center
Boston, Massachusetts
Accreditation

The Office of Continuing Medical Education, 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 Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 12 AMA PRA Category 1 Credit(s)™. 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 by the AMA for 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

The FDA has issued a concept paper which 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 now mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

Location

Coronado Island Marriott Resort
2000 Second Street
Coronado, CA 92118
(619) 435-3000

Enrollment

Enrollment is limited; we suggest you enroll early.

By Mail – Send the completed enrollment form to:
Office of Continuing Medical Education
Cool Topics in Neonatology
David Geffen School of Medicine at UCLA
10920 Wilshire Boulevard, Suite 1060
Los Angeles, CA 90024-6512

Online – Use your MasterCard, VISA, Discover, or AmEx card. Go to www.cme.ucla.edu and click on Cool Topics in Neonatology.

By Phone – Use your MasterCard, Visa, American Express or Discover card. Call (310) 794-2620.

By Fax – Fax the enrollment form with charge card information and your authorizing signature to (310) 794-2624.

Accommodations

A block of rooms has been reserved at the Coronado Island Marriott Resort at seminar rates: $245 single or double occupancy plus state and local taxes. One night’s deposit is required. Confirmation of reservations received after Thursday, February 9, 2017, is subject to availability.

There is always the possibility the room block might sell out prior to February 9, 2017, in which case rooms will be sold at a higher rate based on availability and/or you will be referred to another hotel.

For more information and reservations call (800) 228-9290 or (619) 435-3000. Indicate that you are attending the Cool Topics in Neonatology program in order to receive conference rates. You may book online at http://www.marriott.com/sanci. Click on special rates & awards. The group code is uclucla.

It is strongly advised that you make room reservations early.

Refunds

Cancellations must be received in writing by February 1, 2017 and will be subject to a $75 processing fee. No refunds will be given after that date. If for any reason the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Conference Parking

Self parking is $15 per day
Valet parking is $35 per day

The 2017 CAN meeting is environmentally friendly! The syllabus for the conference will be distributed to attendees on a flash drive at the meeting. You will also be able to download the syllabus prior to the meeting. If you bring your laptop to the conference, be aware that there are no electrical outlets at the conference tables. Make sure your laptop is fully charged each day.
**Neonatology Point-of-Care Ultrasound (POCUS) Workshop**

**Sunday, March 5, 2017  12:30-5:00 pm**

Chair: Jae Kim, MD, PhD, UC San Diego Jacobs Medical Center & Rady Children’s Hospital

We have assembled a didactic/hands-on workshop on the increasing use of neonatology operated bedside ultrasound. The workshop is aimed at increasing the adoption of these emerging practices in neonatology and facilitate the foundational basis for new and intermediate learners to acquire or improve their ultrasound skills. We will start with a working lunch introduction with box lunches provided after the main CAN session has completed. We will provide didactic lectures that include basics of ultrasound, cardiac views, non-cardiac views, and clinical applications/scenarios. The second half of the workshop will offer close learning at several teaching stations that will cover cardiac, non-cardiac and clinical applications. An ample number of instructors and live models will be present to provide a solid practical experience for participants.

REGISTRATION FOR THIS WORKSHOP IS SEPARATE FROM THE COOL TOPICS IN NEONATOLOGY MEETING.

Registration for the workshop is only accepted online at http://www.cme.ucla.edu click on Cool Topics in Neonatology; then click on the workshop button. The fee is $150 (includes box lunch) and there is no refund. Space is limited to 50 participants and applications will be accepted on a first come, first serve basis. Attendees who register and pay will receive a separate confirmation for the workshop which will guarantee entrance. Open to Cool Topics attendees only.

Fee: $150 (Fellows’ fee $75)

**Coronado Island Marriott Resort**

The Coronado Island Marriott Resort is only 20 minutes from the San Diego airport and a short water ferry ride to downtown San Diego. There are 300 rooms, villas, and suites set along 16 waterfront acres of San Diego Bay, offering sweeping views of the water and downtown skyline.

Recreational amenities are plentiful. Sailing, waterskiing and deep-sea fishing are available from the private pier. Golf is just across the boulevard at Coronado’s 18-hole championship course.

Suggested activities in the San Diego area include:

- San Diego Zoo
- San Diego Wild Animal Park
- Gaslamp Quarter
- Seaport Village
- Old Town San Diego
- Balboa Park
- Point Loma Lighthouse & Cabrillo National Monument
**DESCRIPTION**

The 2017 California Perinatal Quality Care Collaborative (CPQCC) workshop titled “CPQCC at Cool Topics in Neonatology” will focus on standardizing practice and care and healthcare services delivery. Small baby outcomes in the State of California and the nation will be explored. In addition, speakers will address standardizing practice and care in the NICU and the healthcare services delivery spectrum will be presented and discussed.

**COURSE OBJECTIVES**

At the conclusion of the program, participants should be able to:

- Identify current trends with small baby outcomes in the State of California
- Describe the benefit of standardizing practice related to delayed cord clamping and approaches to care for the NICU patient
- Describe the impact of culture of safety in the obstetric and neonatal population
- Describe tele-neonatology and the impact on healthcare services delivery in the NICU

**TARGET AUDIENCE**

The California Perinatal Quality Care Collaborative (CPQCC) workshop is geared towards multidisciplinary teams of caregivers from neonatal units that include: neonatologists, pediatricians, neonatal nurse practitioners, registered nurses, with ancillary staff, as well as hospital risk management and quality improvement specialists who can implement change in the management of the topics presented.

7 AMA PRA Category 1 Credit(s)™

**PROGRAM DIRECTOR**

Balaji Govindaswami, MD, MPH
Chief, Division of Neonatology
Director, NICU and High Risk Infant Follow-Up
Santa Clara Valley Health and Hospital System
Clinical Professor (affiliated) of Pediatrics
Stanford University School of Medicine
Stanford, California

**FEES:**

- $125 Individual with Site Team
- $150 Individual

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**CPQCC at Cool Topics in Neonatology Program**

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**STANDARDIZING PRACTICE AND CARE**

Moderators: Mindy Morris, DNP; Henry Lee, MD, MS Epi

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**HEALTHCARE SERVICES DELIVERY**

Moderators: Mary Hackim, MSN; Kamakshi Devarajan, MD

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周五，2017年3月3日

2017 CPQCC at Cool Topics in Neonatology • 8:00 am - 7:00 pm

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Chief, Division of Neonatology
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Santa Clara Valley Health and Hospital System
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The Section on Perinatal Pediatrics District IX and the California Association of Neonatologists are pleased to sponsor the 13th annual workshop for California neonatology fellows entitled Life After Fellowship: Exploring Career Opportunities and Practical Considerations for New Neonatologists. The workshop is designed to provide neonatology fellows and new neonatologists with the information that they will need to make career choices for practicing neonatology as well as exploring the non-clinical elements of practice, including exploring different practice models, the business of neonatology, finding a job, work/life balance and personal wellness, women in neonatology, practical financial planning, professionalism and conflict resolution in the workplace. The workshop will emphasize small group participation and discussion. An expert faculty will conduct this workshop. Enrollment is open to all neonatology fellows in California, but will be limited to approximately 30 participants. New neonatologists within two years of completing their fellowship will also be welcome to attend if space is available. Pre-registration is required.

**Program Committee**

**Chris Retajczyk, MD**  
Medical Director, NICU  
Sutter Medical Center of Santa Rosa  
Santa Rosa, California

**Soina K. Dargan, MD, MS**  
Assistant Professor of Pediatrics  
Director of Education  
Neonatal-Perinatal Fellowship Program  
Department of Pediatrics Division of Neonatology & Hospital Medicine  
David Geffen School of Medicine at UCLA  
Torrance, California

**Andrew O. Hopper, MD**  
Chair, District IX Section on Neonatal Perinatal Medicine, AAP  
Professor of Pediatrics  
Loma Linda University School of Medicine  
Loma Linda, California

**Adrian Lavery, MD, MPH**  
Assistant Professor of Pediatrics  
Program Director, Neonatal-Perinatal Medicine Fellowship  
Loma Linda University School of Medicine  
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**Rangasamy Ramanathan, MD**  
Professor of Pediatrics  
Division Chief, Neonatal Medicine, LAC and USC Medical Center  
Director, NPM Fellowship Program and NICU  
Los Angeles, California

**Virender Rehan, MD**  
Chief, Division of Neonatology  
Director, Neonatal-Perinatal Fellowship Training Program  
Co-Director Perinatal Research Center  
Harbor UCLA Medical Center, David Geffen School of Medicine at UCLA  
Torrance, California

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**Friday, March 3, 2017**

**Neonatology Fellows’ Workshop 2017 • 8:30 am - 3:30 pm**

**Program Committee**

**Chris Retajczyk, MD**  
Medical Director, NICU  
Sutter Medical Center of Santa Rosa  
Santa Rosa, California

**Soina K. Dargan, MD, MS**  
Assistant Professor of Pediatrics  
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**Virender Rehan, MD**  
Chief, Division of Neonatology  
Director, Neonatal-Perinatal Fellowship Training Program  
Co-Director Perinatal Research Center  
Harbor UCLA Medical Center, David Geffen School of Medicine at UCLA  
Torrance, California

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**Cool Topics in Neonatology**  
23rd Annual Conference

Please note that the evening format includes a reception and poster session followed by an exciting keynote lecture.

**Evening Schedule**

4:00-6:00 pm  
Reception and Poster Session  
Abstracts of general neonatology interest and reports of team based quality improvement will be presented. Authors will be available for discussion.

5:30  
Poster Symposium and Presentation of the David Wirtschafter Award  
Selected abstracts will be presented to the audience

6:00  
**KEYNOTE LECTURE**  
*Translating a Trillion Points of Data into Therapies, Diagnostics and New Insights into Disease*  
Atul Butte, MD, PhD

7:00-8:00 pm  
Reception Continues

For abstract information, go to [http://www.choc.org/2017CANAbstracts](http://www.choc.org/2017CANAbstracts)
Cool Topics in Neonatology
23rd Annual Conference

This is the twenty-third annual conference presented by the California Association of Neonatologists (CAN) and the AAP District IX Section on Neonatal-Perinatal Pediatrics. Internationally recognized speakers will present important clinical topics.

Target Audience
Neonatologists and neonatal nurse practitioners

Course Objectives
1. Apply appropriate guidelines in managing infant nutrition
2. Recognize racial and ethnic disparities in NICU processes and outcomes
3. Recognize emerging issues in the practice of neonatal care
4. Apply appropriate strategies in managing ventilator-associated events

Saturday, March 4, 2017

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<td>Zika Update</td>
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<td>Wanda Barfield, MD, MPH</td>
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<td>8:30</td>
<td>Global Variation in Human Milk Composition</td>
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<td>Katie Hinde, PhD</td>
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<td>9:00</td>
<td>Discussion</td>
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<td>Moderator: John Patrick Cleary, MD</td>
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<td>Pathophysiology of CLD</td>
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<td>Lawrence Prince, MD, PhD</td>
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<td>9:45</td>
<td>Ventilator Associated Events (VAE) – Part II</td>
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<td>Grace Lee, MD, MPH</td>
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<td>Panel Discussion – Present Standard of Care</td>
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<td>Break/Visit Exhibits</td>
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<td>Pulmonary Artery Hypertension</td>
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<td>Satyan Lakshminrusimha, MD</td>
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<td>Pulmonary Vascular Disease in BPD</td>
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<td>Roberta L. Keller, MD</td>
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<td>Moderators: Kara L. Calkins, MD; Balaji Govindaswami, MD</td>
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<td>1:15</td>
<td>Prevention of ROP: A Meta-Analysis</td>
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<td>Jennifer L. Fang, MD, MS</td>
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<td>Oxygen Saturation Controversies</td>
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<td>Rangasamy Ramanathan, MD</td>
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<td>Oxygen Use in the Delivery Room</td>
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<td>Neil N. Finer, MD</td>
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<td>Marilyn C. Jones, MD</td>
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<td>Are Neurodevelopmental Outcomes Improving?</td>
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<td>3000 Trials and Counting: Are You Getting Your Money’s Worth?</td>
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Sunday, March 5, 2017

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<td>Introduction</td>
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<td>Current Nutritional Strategies</td>
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<td>Pediatric Surgery Update</td>
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<td>Thomas Hui, MD</td>
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<td>9:20</td>
<td>Human Milk: Medications, Regulations and Repositories</td>
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<td>Christina Chambers, PhD, MPH</td>
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<td>Moderator: Lars Bode, PhD</td>
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<td>10:45</td>
<td>Prospects for Restoring Infant Microbiomes by Vaginal Innoculation?</td>
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<td>Rob Knight, PhD</td>
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<td>11:15</td>
<td>DHA and ARA: Important Nutrients in Human Milk</td>
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<td>Susan E. Carlson, PhD</td>
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<td>11:45</td>
<td>Perinatal Exposures, Gut Microbiota and Infant Feeding: Implications for Life Long Health</td>
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<td>Adjourn</td>
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