

California Association of Neonatologists (CAN) and  
AAP District IX Section on Neonatal-Perinatal Medicine

# Cool Topics in Neonatology

27th Annual Conference  
*A Virtual Educational Conference*

Friday, Saturday & Sunday  
March 5 - 7, 2021



**cpqcc**  
california perinatal  
quality care collaborative

**CME** OFFICE OF  
CONTINUING  
MEDICAL  
EDUCATION

DAVID GEFKEN SCHOOL OF MEDICINE at **UCLA**

## General Information

### Offered Entirely Remotely!

The 27th Annual Cool Topics in Neonatology Conference will be available through a virtual meeting web platform. All registrants will have the opportunity to participate live in the Cool Topics in Neonatology meeting, and view the recorded sessions at their convenience for up to 3 weeks following the conference. Each registrant will receive a virtual meeting link along with the password to access the virtual conference.

### Cool Topics Poster Session

The 27th Annual Cool Topics in Neonatology will be hosting the Cool Topics in Neonatology Virtual Poster session. The approved posters will be available prior to the conference, and will be accessible to all registrants for up to 3 weeks following the conference.

Registration in the Cool Topics in Neonatology Conference is required to submit a poster. For more information on abstract requirements and submissions, please visit our website at [www.cme.ucla.edu/courses/can2021](http://www.cme.ucla.edu/courses/can2021).

### Enrollment

*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 American Express card.  
Go to [www.cme.ucla.edu/courses/can2021](http://www.cme.ucla.edu/courses/can2021) 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.

### Refunds

Cancellations must be received in writing by February 3, 2021 and will be subject to a \$50 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.

### 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 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 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 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.

Friday, March 5, 2021

## 2021 CPQCC Improvement Palooza

*Advancing Anti-Racism in the NICU Through Teamwork and Family Centeredness*

8:00 am - 4:00 pm

### DESCRIPTION

CPQCC's second annual Improvement Palooza is designed to help teams understand how racism impacts NICU teams, patients, and families and identify concrete solutions to address these challenges using quality improvement principles. Held in conjunction with the 2021 Virtual CAN Cool Topics in Neonatology Meeting, CPQCC's 2021 Improvement Palooza is a can't miss event that will help kickstart your NICU's journey towards anti-racism.

### COURSE OBJECTIVES

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

- Identify strategies to build anti-racism in the NICU
- Identify behaviors and actions to address racism in the NICU.
- Describe strategies to bring families into the teamwork in the NICU.
- Identify opportunities to support the Latinx patients in the NICU.
- Identify QI strategies to utilize while addressing anti-racism in the NICU.

### FEES

\$50 Individual with Site Team

\$75 Individual

### TARGET AUDIENCE

The California Perinatal Quality Care Collaborative (CPQCC) workshop is geared toward 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.

### 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 6.75 *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 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.

## 2021 CPQCC Improvement Palooza

8:00	<b>Welcome</b> <i>Elizabeth Rogers, MD</i>	11:15	<b>BREAKOUT SESSION</b> Team work with CPQCC PQIP Ambassadors
8:15	<b>Practicing Anti-Racism to Improve Outcomes for Black Infants</b> <i>Carmin Powell, MD, Rachel R. Hardeman, PhD, MPH &amp; Tamorah Lewis, MD, PhD</i>	12:00	<b>Lunch (team lunch with personal reflection)</b>
9:25	<b>Teamwork Video: Discussion on Teamwork from CPQCC Leadership</b>	1:00	<b>California Latinx Experience</b> <i>Cristina Gamboa, MD</i>
9:55	<b>Break</b>	2:00	<b>Brave Spaces: Restoring Right Relationships</b> <i>Amber McZeal, MA &amp; Elizabeth Rogers, MD</i>
10:05	<b>Family Centered Panel</b> Moderator: <i>Ashley Randolph</i> <i>Jochen Profit, MD, MPH &amp; Jenne' Johns, MPH</i>	2:45	<b>Break</b>
		2:55	<b>QI Improvement Stories</b>
		3:50	<b>Closing Remarks</b>
		4:00	<b>Adjourn</b>



Thursday, March 4, 2021

## Neonatology Fellows' Workshop 2021 • 8:30 am - 3:30 pm

### DESCRIPTION

The Section on Perinatal Pediatrics District IX and the California Association of Neonatologists are pleased to sponsor the 17th annual workshop for California neonatology fellows titled **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 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 DIRECTOR

#### Rangasamy Ramanathan, MD

Professor of Pediatrics  
Division Chief, Neonatal Medicine, LAC+USC Medical Center  
Director, NPM Fellowship Program and NICU  
Keck School of Medicine of University of Southern California  
Los Angeles, California

### PROGRAM COMMITTEE

#### Christine Bixby, MD

Attending Neonatologist  
Medical Director, Lactation Services  
CHOC Children's Hospital  
Orange, California

#### Soina K. Dargan, MD, MS

Associate Professor of Pediatrics  
Director of Neonatal Resuscitation and Simulation  
Department of Pediatrics  
Division of Neonatology & Hospital Medicine  
David Geffen School of Medicine at UCLA  
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#### Adrian Lavery, MD, MPH

Associate Professor of Pediatrics  
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Loma Linda, California

#### Virender Rehan, MD

Professor and Chief  
Director, Neonatal-Perinatal Fellowship Training Program  
Co-Director Perinatal Research Center  
Harbor-UCLA Medical Center  
David Geffen School of Medicine at UCLA  
Torrance, California

#### Delene Richburg, MD

Attending Neonatologist  
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San Francisco, California

#### Meera N. Sankar, MD

Secretary, California Association of Neonatologists (CAN)  
Clinical Associate Professor  
Division of Neonatology/Department of Pediatrics  
Stanford University School of Medicine

#### Fiona Wertheimer, DO

Assistant Professor of Pediatrics  
Director of Normal Nursery  
LAC+USC Medical Center  
Keck School of Medicine  
University of Southern California  
Los Angeles, California

Friday, March 5, 2021

## Cool Topics in Neonatology 27th Annual Conference

### EVENING SCHEDULE

5:00 pm (PST)

#### KEYNOTE LECTURE

***NICU Care in the Midst of a Pandemic: The Impact of Covid 19 on the NICU: Staff, Patient and Family Perspectives***

*Annemarie Stroustrup, MD, MPH*

6:00-7:00 pm

#### Virtual Poster Session and Presentation of the David Wirtschafter Award

Selected abstracts will be presented to the audience. Instructions to view the submitted posters will be provided to all registrants.

7:00 pm

#### Adjourn

\*For abstract information, go to <http://bit.ly/CANabstracts2021>

# Cool Topics in Neonatology

## 27th Annual Conference

This is the twenty-seventh 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

At the conclusion of this course, participants should be able to:

- Manage high-risk pregnancies with the potential of delivery at the threshold of viability.
- Provide a consistent approach to the parents during the prenatal consult with the most recent outcome data and the likelihood of potential mortality and morbidity.
- Identify best practices with regards to the early management of the ELBW infant from a pulmonary, cardiovascular, fluid electrolyte and nutrition and neurologic basis.
- Implement best practices with regards to the evaluation of ELBW for early and late onset infections and the appropriate use of antibiotics.

## Saturday, March 6, 2021

7:15 Sign-In & Visit Virtual Exhibit Hall

### SESSION 1: FETAL MANAGEMENT

Moderator: *Robert A. Kahle, MD, FAAP*

8:00 **Management of the High-Risk pregnancy at the Threshold of Viability: PPROM, IUGR, PIH**  
*Andrew Combs, MD*

8:40 **The Prenatal Consult at the Threshold of Viability: Clinical and Parental Perspective**  
*Alexis Davis, MD, MS Epi*

9:40 **Panel Discussion**

10:00 **Break & Visit Virtual Exhibit Hall**

### SESSION 2: PULMONARY

Moderator: *Fayez Bany-Mohammed, MD*

10:20 **Delivery Room Management of the ELBW Infant**  
*Georg Schmölzer, MD*

11:00 **Respiratory Management from Birth to Discharge of the Periviable Infant at 22 to 23 weeks Gestation: First Intention High Frequency Jet Ventilation**  
*Jonathan Klein, MD*

11:40 **Panel Discussion**

12:10 **Lunch/Business Meeting**

### SESSION 3: CARDIOVASCULAR

Moderators: *John Cleary, MD, Meera Sankar, MD*

1:15 **Cardiovascular Support of the ELBW: BP Management, Assessing Cardiac Function, Targeted Neonatal Echocardiography**  
*Patrick McNamara, MD*

1:55 **PDA: To Treat or Not to Treat: When and How?**  
*William Benitz, MD*

2:35 **Break & Visit Virtual Exhibit Hall**

2:55 **Pulmonary Hypoplasia and Pulmonary Hypertension: iNO in the ELBW Infant.**  
*Rangasamy Ramanathan, MD*

3:35 **Panel Discussion**

### SESSION 4: FLUID AND NUTRITION

Moderators: *Marian M. Adams, MD*

4:00 **Early and Late Onset Neonatal Sepsis: Opportunities for Antibiotic Stewardship**  
*Annabelle De St. Maurice, MD, MPH*

4:40 **Discussion**

5:00 **Adjourn**

## Sunday, March 7, 2021

7:15 Sign-In & Visit Virtual Exhibit Hall

### SESSION 5: NEUROLOGY

Moderators: *Tom Shimotake, MD*

8:00 **Neuroprotection: Prevention of Intraventricular Hemorrhage in the ELBW Infant**  
*Elizabeth Rogers, MD*

8:40 **Optimizing the NICU Environment for the ELBW Infant**  
*Bobbi Pineda, PhD, OTR/L*

9:20 **Strategies for the prevention of Retinopathy of Prematurity**  
*Talkad S. Raghuvveer, MD*

10:00 **Panel Discussion**

10:20 **Break & Visit Virtual Exhibit Hall**

### SESSION 6: INFECTIOUS DISEASE

Moderator: *Kara L. Calkins, MD*

10:40 **Fluid and Nutrition Management of the ELBW Infant**  
*Brenda Poindexter, MD, MS, FAAP*

11:20 **NEC/SIP: The NEST Trial**  
*Marty Blakey, MD*

12:00 **Panel Discussion**

12:20 **Adjourn**

## Cool Topics Faculty

### COURSE DIRECTOR

**Robert A. Kahle, MD, FAAP**  
Regional Medical Director  
Women's and Children's Services  
Dignity Health Sacramento  
Sacramento, California

### FACULTY

**Martin Blakey, MD, MS**  
Professor of Pediatric Surgery  
Department of Pediatric Surgery,  
VUMC  
Vanderbilt University Medical  
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Nashville, Tennessee

**William Benitz, MD**  
Neonatal/Perinatology  
Neonatal Infections, Neonatal  
Respiratory Failure & Lung  
Development  
Chief of Neonatology, Stanford  
University & Packard Children's  
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**Andrew Combs, MD**  
Maternal Fetal Medicine Specialist  
The MEDNAX Center for Research,  
Education, Quality and Safety  
San Jose, California

**Alexis Davis, MD, MS Epi**  
Clinical Associate Professor of  
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Medical Director, Neonatal  
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**Jonathan M. Klein, MD**  
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University of Iowa Carver College  
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Medical Director University of Iowa  
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**Patrick McNamara, MB, BCH**  
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**Bobbi Pineda, PhD, OTR/L, CNT**  
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Department of Pediatrics  
Los Angeles, California

**Brenda Poindexter, MD, MS, FAAP**  
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**Talkad S. Raghuvver, MD**  
Professor  
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**Elizabeth Rogers, MD**  
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**Georg M. Schmölzer, MD, PhD**  
Neonatologist, Northern Alberta  
Neonatal Program, AHS  
Heart and Stroke Foundation/  
University of Alberta Professor in  
Neonatal Resuscitation  
Director, CSAR (Centre for  
the Studies of Asphyxia and  
Resuscitation)  
Centre for the Studies of Asphyxia  
and Resuscitation  
Royal Alexandra Hospital  
Edmonton, Alberta

**Annabelle De St. Maurice, MD, MPH**  
Assistant Professor of Pediatrics  
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**Annemarie Stroustrup, MD, MPH**  
System Chief of Neonatology  
Vice President and Director,  
Neonatal Services  
Cohen Children's Medical Center  
Northwell Health  
New Hyde Park, New York

### CAN MODERATORS

**Marian M. Adams, MD**  
Secretary-Treasurer  
District IX Section on Neonatal-  
Perinatal Medicine  
Marian Regional Medical Center  
Santa Maria, California

**Fayez Bany-Mohammed, MD**  
Professor of Pediatrics  
Program Director, Neonatal-  
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**Kara L. Calkins, MD**  
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Ronald Reagan UCLA Medical Center  
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**John Cleary, MD**  
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**Meera N. Sankar MD**  
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**Thomas K. Shimotake, MD, FAAP**  
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California Association of  
Neonatologists  
Professor of Pediatrics  
Medical Director, Neonatal-  
Perinatal Medicine Fellowship  
Co-Director Neuro-Intensive Care  
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## CPQCC Faculty

**Cristina Gamboa, MD**  
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Salud Para La Gente  
Watsonville, California

**Jeff Gould, MD, MPH**  
CEO & Co-Founder of California  
Perinatal Quality Care Collaborative  
(CPQCC)  
Palo Alto, California

**Rachel R. Hardeman, PhD, MPH**  
Associate Professor  
Blue Cross Endowed Professor in  
Health and Racial Equity  
2020-21 to 2022-2023 McKnight  
Presidential Fellow  
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University of Minnesota School of  
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**Jenne' Johns, MPH**  
President and Founder Once Upon  
a Preemie Academy

**Tamora Lewis, MD, PhD**  
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UMKC School of Medicine  
Kansas City, Missouri

**Amber McZeal, MA**  
EvolutionMuse Healing Arts  
Sacred Scholarship and  
Liberation Arts Praxis

**Courtney Nisbet, RN, MS**  
Associate Director of Quality at  
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**Carmin Powell, MD**  
Clinical Assistant Professor of  
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Stanford Medicine  
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**Jochen Profit, MD, MPH**  
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Palo Alto, California

**Ashley Randolph**  
Mrs. California Virtuous Woman 2021  
**Elizabeth Rogers, MD**  
Associate Professor of Pediatrics  
Associate Vice Chair for Faculty  
Development  
Chief Experience Officer,  
Department of Pediatrics  
Director, Intensive Care Nursery  
ROOTS Small Baby Program  
UCSF - Benioff Children's Hospital  
San Francisco, California  
UCSF – Benioff Children's Hospital  
San Francisco, California

## Neonatology Point-of-Care Ultrasound (POCUS) Virtual Workshop

**Sunday, March 7, 2021 • 12:30 pm - 5:00 pm**

Co-Chairs: Jae Kim, MD, PhD, Director, Division of Neonatology, Perinatal Institute at Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio and Jennifer Shepherd, MD, Associate Medical Director, Fetal and Neonatal Institute, Division of Neonatology, Children's Hospital Los Angeles, Department of Pediatrics, Keck School of Medicine, University of Southern California, Los Angeles, CA.

This workshop is designed to promote neonatology point-of-care ultrasound utilizing a virtual didactic and observational format. The workshop is aimed at increasing the adoption of these emerging practices in neonatology and facilitating the foundational basis for new and intermediate learners to acquire or improve ultrasound skills. It will include didactic lectures covering the basics of ultrasound, cardiac views, non-cardiac views, and clinical applications/scenarios. Virtual skills learning will be offered at teaching stations addressing cardiac, non-cardiac and clinical applications. An ample number of instructors and manikins will be present in breakout sessions 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 [www.cme.ucla.edu](http://www.cme.ucla.edu). Click on Cool Topics in Neonatology; then click on the POCUS workshop button. Space is limited to 40 participants and enrollment will be on a first come, first served 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: \$15

\*No refunds will be offered for this workshop

# Application for Enrollment

## Cool Topics in Neonatology

27th Annual Conference

M201-12

### CPQCC Workshop

Individual with Site Team: \$50     Individual: \$75

### Cool Topics in Neonatology Conference

- CAN Member \$150  
 Non-CAN Member \$250 (includes 1 year membership in CAN)  
 Neonatal Nurse Practitioners or Physician Assistants: \$100  
(includes 1 year membership in CAN)  
 Nurses, Respiratory Therapists or Other NICU Staff: \$75  
 Fellows/Residents: \$50

\_\_\_\_\_ TOTAL

\_\_\_\_\_ Last four digits of your Social Security Number

\_\_\_\_\_ Name (First, Middle, Last)

\_\_\_\_\_ Degree

\_\_\_\_\_ Preferred Mailing Address

\_\_\_\_\_ City/State/Zip

\_\_\_\_\_ Country

\_\_\_\_\_ Area Code/Daytime Phone

\_\_\_\_\_ Fax

\_\_\_\_\_ Field of Practice

\_\_\_\_\_ Hospital Affiliation

\_\_\_\_\_ E-mail Address

### Form of Payment

- Check enclosed, payable to Regents of the University of California  
 Charge     American Express     Visa     MasterCard     Discover

\_\_\_\_\_ Card Number

\_\_\_\_\_ Name of Cardholder

\_\_\_\_\_ Authorizing Signature

\_\_\_\_\_ Expiration Date

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