

# Registration Form

August 6, 2021

MAIL REGISTRATION FORM AND FEE TO ADDRESS  
BELOW OR FAX IT TO (205) 934-3100.



PLEASE REGISTER IN ADVANCE BY  
COMPLETING THIS ENROLLMENT FORM.

Please type or print clearly

Name: \_\_\_\_\_

Degree (MD, RN, RT, Etc.) \_\_\_\_\_

Hospital/Practice: \_\_\_\_\_

Email address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

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

Office #: \_\_\_\_\_

Home #: \_\_\_\_\_

Fax #: \_\_\_\_\_

(Confirmation will be sent via e-mail or Fax ONLY)

Space is limited due to Covid-19

\*\* Conference materials will be emailed \*\*

## Course fee:

- \$ 75.00 IN-PERSON** Conference  
(Includes: Breakfast, snacks, boxed lunch, and Goodies)
- \$ 65.00 VIRTUAL** Conference  
(Includes: Goodies and conference materials)
- \$ 50.00 VIRTUAL ONLY**  
(Includes: electronic Conference materials)

Make Check payable to **UAB Neonatology**  
Mail to: **ATTN: Perinatal Conference**  
UAB Division of Neonatology  
176F Ste. 9380, 619 19th Street So.  
Birmingham, AL 35249-7335

## ACCREDITATION

Children's of Alabama designates this live activity for a maximum of **7.5 AMA PRA Category 1 Credit™**.

Physicians should claim only the credits commensurate with the extent of their participation in the activity.

Children's of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.

No application to the Alabama Board of Nursing has been made. Per Alabama Administration Code Chapter 610-X-10-.04e, **AMA PRA Category 1 Credits™** are acceptable for CEUs. CME conversion to CEUs for this conference equals **9 Continuing Education Hours**. To receive the Nursing Contact Hours, go to the Alabama Board of Nursing website: [www.abn.alabama.gov](http://www.abn.alabama.gov)

- Click on Continuing Education (on the gray bar in purple letters)
- Click on Access Individual CE Record
- When the Individual CE Record page opens, follow the directions on the screen.

All participants will receive a Certificate of Attendance showing the total number of Contact Hours received.

**UAB** MEDICINE

## COORDINATORS

Joseph B. Phillips, III, MD  
Samuel Gentle, MD  
Tara McNair, RN, BSN  
Julie Sai'd  
Tammie Vines

### For more information contact:

Julie Sai'd - [jsaid@peds.uab.edu](mailto:jsaid@peds.uab.edu)  
or Tammie Vines - [tvines@peds.uab.edu](mailto:tvines@peds.uab.edu) at  
UAB Neonatology, (205) 934-4680,  
Fax 205-934-3100

## 2021 UAB Perinatal Conference

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## ONE DAY ONLY

# How did we get here and where are we going?



**UAB** MEDICINE

NEONATOLOGY

## OBJECTIVES

**Upon completion of this live activity, participants will be able to:**

- Discuss the major discoveries that have brought neonatology into the 21<sup>st</sup> century
- Explain why each of these discoveries has contributed to improved outcomes for ill infants
- List the ten most important recent advances in neonatology
- Describe how each of these advances has contributed to improved outcomes for ill infants
- Describe the basic nutritional requirements of term and preterm neonates
- Discuss why human breast milk alone does not meet the nutritional requirements of preterm infants.
- Outline the ways to best follow the growth on preterm infants.
- List the indications for genetic testing in the newborn infant.
- Describe the genetic tests most commonly used.
- Discuss potential future advancements in genomic medicine as it relates to newborn care.
- Describe how caffeine is used to treat apnea of prematurity.
- Discuss the mechanism of action of caffeine.
- Describe how caffeine may improve outcomes in preterm infants
- Describe how therapeutic hypothermia improves neurodevelopmental outcome of term and near-term infants with hypoxic-ischemic encephalopathy.
- Discuss promising additional therapies that may further improve neurodevelopmental outcome of term and near-term infants with hypoxic-ischemic encephalopathy in the future.
- List a number of failed therapies in neonatology
- Discuss why these failed therapies should not be used in infants
- Describe the pathophysiology of a patent ductus arteriosus
- Explain the various management options for a PDA
- Discuss current controversies regarding management of PDA
- Discuss bilirubin metabolism.
- List the current methods for managing hyperbilirubinemia
- Describe possible future therapies for hyperbilirubinemia.
- Describe how antenatal steroids improve neonatal outcomes.

## AGENDA

7:30 – 8:00	<b>Welcome</b> Joseph Philips, M.D. Samuel Gentle, M.D. Tara McNair, R.N., B.S.N.
8:00 – 8:30	<b>History of Neonatology</b> Joseph Philips, M.D.
8:30 – 9:15	<b>Top Ten Recent Advances in Newborn Care</b> Namasivayam Ambalavanan, MD
9:15 – 9:45	<b>Recent Advances in Infant Nutrition</b> Ariel Salas, MD
9:45 – 10:00	<b>Break</b>
10:00 – 10:45	<b>Failed Therapies in Neonatology</b> Samuel Gentle, MD
10:45 – 11:15	<b>Caffeine</b> Colm Travers, MD
11:15 – 12:00	<b>Therapeutic Hypothermia and Other Remedies for HIE</b> Brian Sims, MD, PhD
12:00 – 1:00	<b>Lunch</b>
1:00 – 1:45	<b>Updates in Genetic Evaluation and Testing</b> Anna Hurst MD
1:45 – 2:15	<b>Patent Ductus Arteriosus</b> Joseph Philips, MD
2:15 – 2:45	<b>Management of Hyperbilirubinemia</b> Joseph Philips, MD
2:45 – 3:00	<b>Break</b>
3:00p – 3:45	<b>Use of Corticosteroids in the Mother and Neonate</b> Colm Travers, MD
3:45 – 4:15	<b>Blood Transfusions in the Neonate</b> Samuel Gentle, MD
4:15p – 5:00	<b>Future Potential Therapies in Neonatology</b> Namasivayam Ambalavanan, MD
5:00p	<b>Adjourn</b>

## OBJECTIVES CONT.

- Discuss the indications and use of postnatal steroids in infants.
- Discuss the use of blood transfusions in the newborn
- List appropriate, evidence-based thresholds for transfusions in the neonate.
- List several potential new therapies in neonatology.
- Discuss how these may benefit future babies.

## SPEAKERS

### **Namasivayam Ambalavanan, MD**

Professor of Pediatrics,  
Department of Pediatrics  
Cell Biology, and Molecular and Cellular  
Pathology  
Co-Director, Division of Neonatology  
Director, Neonatal-Perinatal Medical Fellowship  
Training Program  
Director, TRenDD Program  
Director, Neonatal Research

### **Samuel Gentle, M.D.**

Assistant Professor of Pediatrics  
Division of Neonatology

### **Anna C. E. Hurst, M.D.**

Associate Professor of Genetics  
Department of Genetics

### **Joseph B. Philips, III, M.D.**

Professor of Pediatrics  
Director, PPHN Program  
Division of Neonatology

### **Ariel A. Salas, MD**

Assistant Professor of Pediatrics  
Director, Helping Babies Feed Program and  
NEC/Short Bowel Prevention Program

### **Brian Sims, MD, PhD**

Associate Professor of Pediatrics, Neurobiology and  
Cell Biology  
Director, Brain Hemorrhage Prevention Program  
Director, Community Program for Reduction of  
Perinatal Mortality  
Director, Antenatal Consult Service

### **Colm Travers, MD**

Assistant Professor of Pediatrics  
Division of Neonatology