

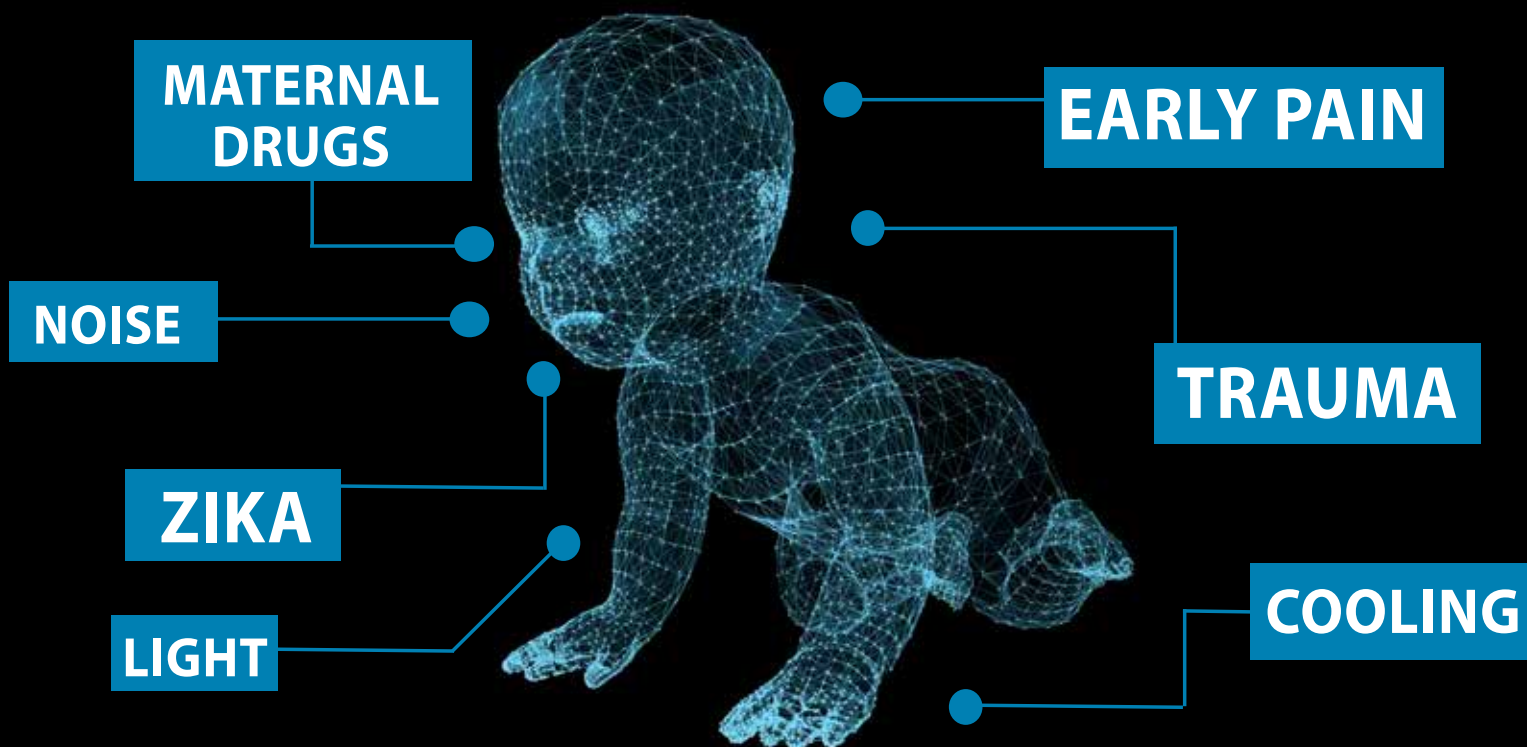
11th Annual Neonatal Symposium

Friday, June 16, 2017 • 8:15am-5:00pm
New Hanover Regional Medical Center • Auditorium
Wilmington, North Carolina

Presented by



The Impact of In Utero and External Exposures on the Developing Nervous System



Continuing Professional Development
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Target Audience: Neonatologists, Obstetricians, Pediatricians, Nurse Practitioners, Physician Assistants, Physician Residents,
Family Medicine Practitioners, Respiratory Therapists, Infectious Diseases, Nurses and Pharmacists

CONFERENCE SUMMARY

The brain is one of the first organs to develop which makes it more vulnerable to the effects of maternal infections and medications. Neuronal injury from perinatal asphyxia has been extensively studied and therapeutic hypothermia, if done within a few hours after injury, offers promising results in limiting its lifelong sequela. This conference aims to discuss the latest research regarding relevant topics in pediatric neurology as it pertains to maternal zika virus infection, medication exposures and the long term effects of experiencing pain during infancy.

CONFERENCE OBJECTIVES

At the conclusion of this live educational activity, participants should be able to:

1. Discuss the effects of the Zika virus on the fetal brain
2. Explain the long-term impact of common maternal medication and repeated exposure to pain on the developing brain
3. Recognize how therapeutic hypothermia limits neuronal damage from hypoxic ischemic Encephalopathy
4. Explain how the brain reacts to critical illness using EEG/aEEG

DISTINGUISHED SPEAKERS



Ruth E Grunau, PhD

Professor, Pediatrics Dept
University of British Columbia
BC Childrens Hospital Research Institute
Vancouver, BC



James F. Bale, Jr. MD

Professor
Division of Pediatric Neurology
Departments of Pediatrics and Neurology
The University of Utah School of Medicine
Salt Lake City, UT



Abbot Laptook, MD

Professor of Pediatrics
The Warren Alpert Medical School of Brown
University
Department of Pediatrics
Women & Infants Hospital of Rhode Island
Providence, RI



Christopher McPherson, PharmD

Clinical Pharmacist, Neonatal ICU
St. Louis Children's Hospital
Assistant Professor, Department
of Pediatrics
Washington University School of Medicine
St. Louis, MO



Hannah C. Glass, MD

Associate Professor Neurology,
Pediatrics, Epidemiology & Biostatistics
Director, Neonatal Neurocritical Care Services
UCSF Benioff Children's Hospital
San Francisco, CA



Maria-Cristina Javier, MD

Medical Director at Southeastern Regional
Medical Center, NICU
Medical Education Director and
Neonatologist, Coastal Children's Services
Wilmington, NC




SYMPOSIUM AGENDA

7:45–8:15 am	Breakfast and Registration	12:45–1:45 pm	Long-Term Effects of Early Pain <i>Ruth E. Grunau, PhD</i>
8:15–8:30 am	Introduction to the Symposium (objectives, continuing education credit, etc)	1:45–2:30 pm	The Impact of Sedation and Analgesia on the Developing Preterm Brain <i>Christopher McPherson, PharmD</i>
8:30–9:30 am	Zika: Emergence of the Virus and Impact of Infection on the Developing Nervous System <i>James F. Bale, Jr. MD</i>	2:30–2:45 pm	Break
9:30–10:15 am	Drug Exposures During Pregnancy and Neonatal Outcomes <i>Christopher McPherson, PharmD</i>	2:45–3:45 pm	Therapeutic Hypothermia for Newborn Encephalopathy: Different Cooling Regimens and Associated Outcomes <i>Abbot Laptook, MD</i>
10:15–10:45 am	Break	3:45–4:45 pm	Amidst the Noise and Haste: A Premie's Experience and Brain Development <i>Maria-Cristina Javier, MD</i>
10:45–11:45 am	Neonatal Brain Monitoring <i>Hannah C. Glass, MD</i>	4:45–5:00 pm	Review, Summary, Closing Statements
11:45–12:45 pm	Lunch		

ONLINE REGISTRATION

www.ccneo.net
Click the link to the Neonatal Symposium
[Eventbrite.com](https://www.eventbrite.com)

QUESTIONS?

janet.hoffer@ccneo.net • 910-667-4379
www.ccneo.net
Find us on  and [Eventbrite.com](https://www.eventbrite.com)

Course Name: The Impact of In Utero and External Exposures on the Developing Nervous System **Date:** Friday, June 16, 2017

Registration Fee (check one): \$150.00 (**Physicians**) \$125.00 (**Non-Physicians**) \$25.00 (**Observer**)

Name: _____ Last Four Digits of SS#: _____

Degree/Cert.: _____ Title/Occupation: _____

Preferred E-mail Address: _____ Home Phone: _____

Home Address: _____

Home City/State/Zip: _____

Workplace/Dept.: _____ Work Phone: _____

Work Address: _____

Work City/State/Zip: _____

Payment method: Cash Check VISA MasterCard

Credit Card Account #: _____ Expiration Date: _____

Print Name as it Appears on Card: _____

Cardholder's Signature: _____

Cardholder's Address (if different than above): _____

CONTINUING EDUCATION CREDIT STATEMENTS AND DISCLOSURES:

SEAHEC adheres to NCMS and ANCC Essential Areas and Policies regarding industry support of continuing medical education and continuing nursing education. Commercial Support for the program, and faculty relationships within the industry will be disclosed at the activity. Speakers will also state when off-label or experimental use of drugs or devices is incorporated into their presentations. Participation in an accredited activity does not imply endorsement by SEAHEC, NCMS or NCNA of any commercial products displayed in conjunction with an activity.

ANCC:

SEAHEC is an approved provider of continuing nursing education by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Total number of Nursing Contact Hours: 7.0

No partial credit will be given.

CME:

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the North Carolina Medical Society (NCMS) through the joint providership of South East Area Health Education Center (SEAHEC) and INFANTS. SEAHEC is accredited by the NCMS to provide continuing medical education for physicians. SEAHEC designates this live activity for a maximum of 7.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Registration Deadline: June 15, 2017

Registration Fee:

\$150.00 Physicians
\$125.00 Non-Physicians
\$25.00 Observer

Payment methods: Full payment must accompany your registration. Payment may be in the form of cash, check (payable to INFANTS), Visa or MasterCard.

Mail: INFANTS Attn: Elizabeth Harris
2212 S. 17th St

Wilmington, NC 28401

Phone: 910-667-4379

Fax (credit card only): 910-667-6495

Online: www.ccneo.net

Refunds/Cancellations:

If notification is received at least two business days prior to the start date, you may receive a full refund.

For online registration, go to

www.ccneo.net



For special services, assistance, or information call Coastal Carolina Neonatology at (910) 667-4379