

46th Annual

# Iowa Conference on Perinatal Medicine

Monday — Wednesday  
April 12-14, 2021



# ZOOM

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closer to conference

This conference is jointly provided by the Iowa Statewide Perinatal Care Program, the University of Iowa Roy J. and Lucille A. Carver College of Medicine, the University of Iowa Hospitals and Clinics and the Iowa Department of Public Health.

## Purpose and Intended Audience

This conference is designed to provide state-of-the-art information on obstetric and newborn care practices, which is of particular importance and value to obstetric and newborn care nurses, midwives, family physicians, physician assistants, obstetricians, pediatricians, and allied perinatal health care professionals.

## Educational Objectives (Topic-specific objectives can be found on the agenda).

After attending the conference, participants should be able to:

1. Define and demonstrate improved skills in the medical and nursing care of the normal obstetric patient and the normal newborn infant.
2. Discuss and apply recent advances in the medical and nursing care of obstetric and newborn patients with specific high-risk problems.

## Continuing Education Credit

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of Iowa Carver College of Medicine and Iowa's Statewide Perinatal Care Program. The Carver College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Iowa Carver College of Medicine designates this live activity for a **maximum of 11 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Iowa nurses may use participation in ACCME-accredited education toward their CE requirement for licensure. A certificate of participation will be available after successful completion of the activity. Please review the Iowa Board of Nursing's website for more information.

**Monday only:** 7.0 contact hours for S.T.A.B.L.E. (nursing CE only)

*5.5 AMA PRA Category 1 Credits™ for Obstetric Team Simulation Course*

**Tuesday only:** 6.0 AMA PRA Category 1 Credits™

**Wednesday only:** 5.0 AMA PRA Category 1 Credits™

*Credit hours for Co-MAT and OB Sim sessions are offered separate from this Conference.*

## Sponsorship

This conference is sponsored by the Statewide Perinatal Care Program, the University of Iowa Roy J. and Lucille A. Carver College of Medicine, the University of Iowa Hospitals and Clinics, Department of Nursing and the Iowa Department of Public Health.

### The Conference Planning Committee

John Dagle, MD, PhD

Amy Sanborn, DNP, RN, C-EFM

Diane Eastman, RN, ARNP

Penny Smith, BSN, RNC-NIC

Stephanie Trusty, BSN, RNC

Rebecca Chuffo Davila, DNP, NNP-BC

Amy Dunbar, BSN, RNC-OB

Stephen Hunter, MD, PhD

Jill Henkle, RN

Jill Kinnaird, Coordinator

### Planning Considerations

Content considerations and the selection of speakers are the responsibilities of the Planning Committee and Conference Director. Commercial firms providing financial support did not have input into these areas.

**DISCLOSURE POLICY:** Everyone in a position to control the content of this educational activity will disclose to the CME provider (University of Iowa Carver College of Medicine) and to attendees all relevant financial relationships with any commercial interests. They will also disclose if any pharmaceuticals or medical procedures and devices discussed are investigational or unapproved for use by the U.S. Food and Drug Administration (FDA).

# Guest Faculty

## ROBIN BOUDREAU

CEO and Co-Founder, No Foot Too Small,  
Coralville, Iowa

## AMY FERGUSON, MD

Pediatric Hospitalist and Medical Director of  
Newborn Nursery  
Blank Children's Hospital / Unity Point,  
Des Moines, Iowa

## DALE B. HULL, MD, MPA

Executive Director, Neuroworx, Sandy, Utah

## GARRY McINTOSH

Director of Donor Relations, Operation  
Underground Railroad, Salt Lake City, Utah

## CHRISTOPHER McPHERSON, PharmD

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

# The University of Iowa and Carver College of Medicine Faculty

## HEIDI BERNARD, BSN

Assistant Nurse Manager, Children's & Women's  
Services – Labor & Delivery,  
Mother Baby Care Unit and Newborn Nursery

## REBECCA CHUFFO DAVILA, DNP, NNP-BC, FAANP

Neonatal Nurse Practitioner, Stead Family  
Children's Hospital of Iowa

## LAUREN COYNE, MD

Clinical Assistant Professor of Obstetrics and  
Gynecology

## JOHN DAGLE, MD, PhD

Professor, Departments of Pediatrics,  
Biochemistry & Epidemiology  
Associate Director, Statewide Perinatal Care  
Program

## AMY DUNBAR, BSN, RNC-OB

Obstetric Nurse Specialist, Statewide Perinatal  
Care Program

## TIMOTHY ELGIN, DO

Clinical Assistant Professor, Department of  
Pediatrics

## SHANNON FINDLAY, MD, MPH, CTropMed

Clinical Assistant Professor and Assistant  
Medical Director, Department of Emergency  
Medicine

## JEANA FORMAN, MSN

Nursing Practice Leader, Children's &  
Women's Services

## JILL HENKLE, RNC

Clinical Nurse Improvement Advisor,  
Department of Obstetrics & Gynecology

## STEPHEN HUNTER, MD, PhD

Professor and Vice Chair, Department of  
Obstetrics & Gynecology  
Associate Director, Statewide Perinatal Care  
Program

## ALISON LYNCH, MD, MS

Clinical Professor, Department of Psychiatry  
Director, Addiction Medicine; Co-Founder,  
UIHC MAT-Clinic

## STEVEN McELROY, MD

Associate Professor, Departments of  
Pediatrics, Microbiology & Immunology

## BENJAMIN MISCLE, PharmD

Clinical Assistant Professor, Department of  
Pharmacy Practice and Science  
Clinical Pharmacy Specialist, Departments of  
Psychiatry and Pharmaceutical Care

## PENNY SMITH, BSN, RNC-NIC

Neonatal Nurse Specialist, Statewide  
Perinatal Care Program

## KOKILA THENUWARA, MD

Clinical Associate Professor of Anesthesia –  
Obstetrical Anesthesia  
Clinical Associate Professor of Anesthesia –  
Hyperbaric Oxygen Therapy

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Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Statewide Perinatal Care Program in advance at (319) 356-2637.

# Monday, April 12, 2021

## **PRECONFERENCE WORKSHOP: The S.T.A.B.L.E. Program**

**Penny Smith, BSN, RNC-NIC; Rebecca Chuffo Davila, DNP, NNP-BC, FAANP**

**8:00 am – 4:45 pm**

*The S.T.A.B.L.E. Program is designed to provide important information about neonatal stabilization for maternal/infant healthcare providers in all settings—from community hospitals and birth centers, to emergency rooms and more complex hospital environments. A uniform, standardized process of care and comprehensive team approach can improve the infant's overall stability, safety and outcome.*

- *Improve patient safety for infants by: standardizing processes and approach to care; encouraging teamwork; identifying areas where medical errors can and do occur; and, reducing and eliminating preventable adverse events and errors.*
- *Organize this information using a mnemonic to assist with retention and recall of stabilization activities that are critical for the post-resuscitation/pre-transport care of sick infants.*

8:00 am	Review Pre-Test & Introduction to the S.T.A.B.L.E. Program
8:30	<b>S</b> ugar and <b>S</b> afe Care
9:45	Break
10:00	<b>T</b> emperature
11:00	<b>A</b> irway: Part 1
12:30 pm	Lunch (on your own)
1:00	<b>A</b> irway: Part 2
2:00	<b>B</b> lood Pressure
3:00	Break
3:15	<b>L</b> ab Work
4:00	<b>E</b> motional Support and Quality Improvement
4:30	Complete Post-Test
4:45	Complete Evaluations and Adjourn

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## **PRECONFERENCE WORKSHOP: Co-MAT-IA Program: Collaborative Medication Assisted Treatment in Iowa**

**Alison Lynch, MD, MS; Benjamin Miskle, PharmD**

**1:15 – 5:30 pm**

- *The purpose of the Co-MAT-IA Program is to expand and improve access to medication assisted treatment (MAT) for opioid use disorder across eastern Iowa.*
- *The program is designed to train healthcare providers on how to safely prescribe buprenorphine for the treatment of opioid use disorders.*
- *This training is free and open to physicians, residents, nurse practitioners, and physician assistants. Residents are welcome to attend but will need to have their permanent license and DEA number before they will be able to receive a waiver.*

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## **PRECONFERENCE WORKSHOP: Obstetric Interdisciplinary Team Simulation Training**

**Kokila Thenuwara, MD; Stephen Hunter, MD, PhD; Lauren Coyne, MD; Jeana Forman, MSN, RNC-OB, C-EFM; Jill Henkle, RNC; Amy Dunbar, BSN, RNC-OB, C-EFM**

**8:00 am – 3:30 pm**

*This is an all-day program designed to be a train the trainer program for obstetric teams in Iowa community hospitals. Learn how to design and implement interdisciplinary in-situ simulations with low and high-fidelity equipment. This program is co-sponsored by University of Iowa and a Health Resources and Services Administration (HRSA) grant for improving maternal and perinatal care in the state of Iowa.*

8:00 am	Welcome/Introduction
8:15	Engaging Learners with Simulation
9:00	Mobile Simulation Virtual Tour & Putting into Practice
10:00	Break
10:15	Simulation Activity PPH Implementation
11:30	Large Group Discussion on Fidelity
12:00 pm	Lunch
1:00	Components of Simulation Set up
1:30	How to Pre-brief a Simulation
1:45	How to De-brief a Simulation
2:00	Assessment Tools
2:30	Break
2:45	How to Implement Simulations at your Facility Q&A
3:15	Wrap up and Evaluation

# Tuesday, April 13, 2021

- 8:00 am**            **REGISTRATION**
- 8:20**                **WELCOME AND ANNOUNCEMENTS**
- 8:30**                **Pleased but not Satisfied - Lessons from Paralysis**  
**Dale Hull, MD, MPA**  
*Explain how paralysis is more than physical.  
Appreciate the power of touch as a form of communication in the healthcare setting.*
- 9:30**                **Marijuana and the Developing Brain**  
**Christopher McPherson, PharmD**  
*Describe the impacts of in utero marijuana exposure on perinatal outcomes.  
Discuss the impacts of in utero marijuana exposure on long term neurodevelopmental and functional outcomes.*
- 10:30**              **BREAK**
- 10:45**              **Findings of the recent Iowa State Maternal Mortality Review**  
**Stephen Hunter, MD, PhD**  
*Describe causes of maternal death in our state.  
Describe strategies to decrease maternal mortality.*
- 11:45**              **LUNCH**
- 12:15 pm**        **Beyond Back to Sleep: Reducing the Risk of SIDS and Other Sleep-Related Infant Death**  
**Penny Smith, BSN, RNC-NIC**  
*Review the current AAP guidelines for reducing the risk of sudden infant death syndrome (SIDS) and other sleep related infant death.  
Discuss the current research on SIDS.*
- 1:15**                **A Multidisciplinary Approach to Evidenced Based Treatment for Neonatal Abstinence Syndrome (NAS)**  
**Amy Ferguson, MD**  
*Describe treatment options available for Neonatal Abstinence Syndrome.  
Discuss the implementation of treatment to premature babies.*
- 2:15**                **BREAK**
- 2:30**                **The Role of Fidelity in Simulation: Should Cost be a Barrier to Effective Intervention?**  
**Timothy Elgin, DO**  
*Discuss the effectiveness of simulation based medical education.  
Discuss the importance of fidelity in designing a simulation intervention.*
- 3:30**                **ADJOURN**

# Wednesday, April 14, 2021

- 8:00 am**            **REGISTRATION**
- 8:20**                **ANNOUNCEMENTS**
- 8:30**                **Human Trafficking and the Journey to Recovery**  
**Garry McIntosh**  
*Define the harsh reality of human trafficking in the modern world.  
Discuss the recovery process and hope for survivors of this modern-day slavery.*
- 9:30**                **The Role of the Medical Community in Supporting Individuals Affected by Human Trafficking**  
**Shannon Findlay, MD, MPH, CTropMed**  
*Discuss how medical providers can support individuals affected by human trafficking through the 4 C's approach.  
Overview of resources available to individuals affected by human trafficking.*

# Wednesday, April 14, 2021

10:30 BREAK

10:45 **No Foot Too Small - Something That Matters**  
**Robin Boudreau**  
*Describe the mission of No Foot Too Small.  
Explain why No Foot Too Small was developed.*

11:45 LUNCH

12:15 pm CONCURRENT SESSION I

- 1) **It's a Jungle Out There: Probiotics in the NICU**  
**Steven McElroy, MD**  
*Discuss the alteration of gut microbiome in the preterm infant leading to dysbiosis and associated morbidities.  
Discuss common concerns and benefits with the use of probiotics in preterm infants.*
- 2) **Lessons Learned: Quantitative Blood Loss for all Deliveries**  
**Heidi Bernard, BSN and Jeana Forman, MSN, RNC-OB**  
*Identify two strategies used to improve Cesarean Section Delivery Quantitative Blood Loss.  
Identify two strategies used to improve Vaginal Delivery Quantitative Blood Loss.*

1:15 CONCURRENT SESSION II

- 1) **Fetal Monitoring Case Studies**  
**Amy Dunbar, BSN, RNC-OB**  
*Interpret and discuss physiologic maternal and fetal factors associated with fetal oxygenation.  
Discuss resuscitative actions in relation to fetal heart rate tracings.*
- 2) **Common Skin Lesions in the Neonate: "Should I be Worried About That Rash?"**  
**Rebecca Chuffo Davila, DNP, NNP-BC, FAANP**  
*Identify the common benign skin lesions in the neonate.  
Define differences between benign and lethal skin conditions.*

2:15 PROGRAM ADJOURNED

## Registration Fees

### PreConference

S.T.A.B.L.E. \$50 with registration  
Co-MAT-IA No Fee  
OB Sim No Fee

### Medical Residents, Medical Students,

Nursing Students (not eligible for nursing CEUs): No Fee

### Conference

2 day fee - \$95  
1 day fee - \$75

\*Provides certificate of attendance at an activity certified for *AMA PRA Category 1 Credit™*.

### Late Fees

All registrations will be assessed a \$25 late fee after April 2, 2021.

A full refund will be given if notification of cancellation is received on or before April 7, 2021.

**NO SUBSTITUTIONS ARE PERMITTED.**

