

46th Annual
**Iowa Conference
on Perinatal Medicine**

**Monday — Wednesday
March 30-April 1, 2020**



**West Des Moines Marriott Hotel
1250 Jordan Creek Parkway
West Des Moines, Iowa 50321**

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

Nurses

17.0 contact hours will be granted by University of Iowa Hospitals and Clinics Department of Nursing (Iowa Board of Nursing Approved Provider #34).

Participants must attend the entire day to receive full credit and daily sign-in is required. Questions concerning nursing credits should be directed to the Nursing Clinical Education Center at (319) 356-1238.

Monday only: 7.0 contact hours

Tuesday only: 5.0 contact hours

Wednesday only: 5.0 contact hours

Physicians

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 10.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Tuesday only: 5.0 AMA PRA Category 1 Credits™

Wednesday only: 5.0 AMA PRA Category 1 Credits™

Credit hours for Pre-Conference 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

JEN DYER
Director of Development, Operation
Underground Railroad, Cedar City, Utah

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

DALE HULL, MD, MPA
Executive Director, Neuroworx, Sandy, 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

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, RNC-OB
Nursing Practice Leader, Children's &
Women's Services

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

ANTHONY MILLER, MD
Clinical Professor, Department of Psychiatry
Medical Director, Addictive Disorders
Services, Iowa City VA Health Care System

PENNY SMITH, BSN, RNC-NIC
Neonatal Nurse Specialist, Statewide
Perinatal Care Program

Conference Facility

A block of rooms has been reserved at the West Des Moines Marriott Hotel (515-267-1500). When making reservations please state that you are attending the 46th Annual Iowa Conference on Perinatal Medicine to receive the group rate. Room rates are \$104/room (not per person) plus tax, with a limit of 4 guests to a room. Rooms at this rate will be held through the end of the day, Monday, March 16, 2020.

The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, creed, color, religion, national origin, age, sex, pregnancy, disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, associational preferences, or any other classification that deprives the person of consideration as an individual. The university also affirms its commitment to providing equal opportunities and equal access to university facilities. For additional information on nondiscrimination policies, contact the Director, Office of Equal Opportunity and Diversity, the University of Iowa, 202 Jessup Hall, Iowa City, IA, 52242-1316, 319-335-0705 (voice), 319-335-0697 (TDD), diversity@uiowa.edu.

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.

Directions to the West Des Moines Marriott: *The hotel is located at 1250 Jordan Creek Parkway. Take I-80 to EXIT 121 (Jordan Creek Parkway exit) and turn south onto Jordan Creek Parkway. The Marriott is located on the west side of the street a short distance from the exit.*

Monday, March 30, 2020

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

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

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.

8:00 am	Review Pre-Test & Introduction to the S.T.A.B.L.E. Program
8:30 am	S ugar and S afe Care
9:45 am	Break
10:00 am	T emperature
11:00 am	A irway: Part 1
12:30 pm	Lunch (on your own)
1:30 pm	A irway: Part 2
2:30 pm	B lood Pressure
3:30 pm	Break
3:45 pm	L ab Work
4:30 pm	E motional Support and Quality Improvement
4:45 pm	Complete Post-Test
5:15 pm	Complete Evaluations and Adjourn

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

Alison Lynch, MD, MS; Anthony Miller, MD

1:00 – 5:15 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.*

Tuesday, March 31, 2020

7:30 am	REGISTRATION & BREAKFAST VIEW EXHIBITS
8:20	WELCOME AND ANNOUNCEMENTS
8:30	Pleased but not Satisfied - Lessons from Paralysis Dale Hull, MD, MPA <i>Describe how paralysis is more than physical. Appreciate the power of touch as a form of communication in the healthcare setting.</i>
9:30	Marijuana and the Developing Brain Christopher McPherson, PharmD <i>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 outcome.</i>
10:30	REFRESHMENTS & VIEW EXHIBITS
11:00	Findings of the Recent Iowa State Maternal Mortality Review Stephen Hunter, MD, PhD <i>Describe causes of maternal death in Iowa. Describe strategies to decrease maternal mortality.</i>

Tuesday, March 31, 2020

- 12:00 pm** **LUNCH (on your own)**
- 1:30 p.m.** **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.
Discuss several consumer products marketed for infant sleep and provide some safety guidelines for families who use these products.
- 2:30** **REFRESHMENTS & VIEW EXHIBITS**
- 2:45** **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.
- 3:45** **ADJOURN**

Wednesday, April 1, 2020

- 7:30 am** **REGISTRATION & BREAKFAST**
VIEW EXHIBITS
- 8:20** **ANNOUNCEMENTS**
- 8:30** **Human Trafficking and the Journey to Recovery**
Jen Dyer
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.
- 10:30** **REFRESHMENTS & VIEW EXHIBITS**
- 11:00** **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.
- 12:00 pm** **LUNCH (On your own)**

Wednesday, April 1, 2020

1:30

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.*
- 3) **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.*

2:30

REFRESHMENTS & VIEW EXHIBITS

2:45

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) **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.*

3:45

PROGRAM ADJOURNED

Registration Fees

PreConference

S.T.A.B.L.E. \$65 with registration
 \$80 Workshop ONLY
Co-MAT-IA No Fee

Physician:

2 day fee - \$250 1 day fee - \$225

Nurses, *Physician Assistant, *Midwife:

2 day fee - \$195 1 day fee - \$165

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

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

Registration fees include online access to all presentations, refreshment breaks, and the processing of continuing education credit. Contact Jill Kinnaird at statewideperinatal@uiowa.edu with questions.

Late Fees

All registrations will be assessed a \$25 late fee after March 25, 2020.

A full refund will be given if notification of cancellation is received on or before March 30, 2020.

NO SUBSTITUTIONS ARE PERMITTED.

Registration Form

46th ANNUAL IOWA CONFERENCE ON PERINATAL MEDICINE

March 30 – April 1, 2020

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Nurses, Physician Assistants, Midwife:

- 2 day fee - \$195 1 day fee - \$165

S.T.A.B.L.E.

- With Registration - \$65 Workshop ONLY - \$80 Co-MAT-IA - No Fee

Medical Residents, Medical Students, Nursing Students (not eligible for nursing CEUs):

No Fee

- Late Fee \$25 after March 25, 2020 (postmarked by March 24th)

PLEASE PRINT OR TYPE to ensure correct registration.

Name: _____ Degree: _____

Address: _____

Home

City

Zip

Phone: _____

Place of employment

City

Phone

Email: _____

Two Ways to Register:

Credit card (Visa, Mastercard, Discover): <https://uiowa.cloud-cme.com/Form.aspx?FormID=1465>

(online credit card payments only – we cannot accept credit card payments by phone, FAX or US mail)

Check: Mail completed registration form and a check payable to University of Iowa to:

Continuing Medical Education Division
University of Iowa College of Medicine
100 Medicine Administration Building
Iowa City, IA 52242

Must be postmarked by March 24, 2020 to avoid late fees

**Statewide Perinatal Care Program
Department of Pediatrics
200 Hawkins Drive
Iowa City, IA 52242-1083**