

3RD ANNUAL WISCONSIN NEONATOLOGY DAY

April 14, 2023



Join our neonatal caregiver meeting with colleagues presenting their latest research from UW-Madison and MCW/Children's WI. Available in-person or virtually.

The Primary Objectives

- Provide the opportunity for the sharing of scholarly work focused on the care of infants.
- Further the relationship and collaborative culture between Wisconsin Neonatal Intensive Care Units.

Location

HSLC

750 Highland Ave

Room 1240

Madison WI 53705

Please Complete the Qualtrics Survey Below to Indicate Your Attendance Preference:

https://uwmadison.co1.qualtrics.com/jfe/form/SV_0GTMfTIGav5jyui

Agenda

8:30am-8:40am

Jeffrey Segar
Medical College of Wisconsin
Ryan McAdams
University of Wisconsin, Professor
& Chief of Neonatology &
Newborn Nursery

Introductory Remarks

8:40am-9:40am

Brad Yoder
University of Utah- August L
(Larry) Jung Presidential Endowed
Chair, Neonatology & Professor of
Pediatrics

Improvement in outcomes in
neonates with CDH

9:40am-10:00am

Paige Condit
University of Wisconsin
NICU Hospitalist
Incoming Fellow

Risk Factors Associated with
the development of
pulmonary hypertension in
extremely premature infants

10:00am-10:20am

Sarah Trinh
University of Wisconsin
2nd Year NICU Fellow

Virtual Reality Simulation in
the Neonatal Intensive Care
Unit: A Novel Approach to
Education and Training

10:20am-10:40am

BREAK

10:40am-11:00am

Henry Zapata
University of Wisconsin
3rd Year NICU Fellow

Evaluating the association of
delayed cord clamping with
short-term and two-year
kidney outcomes in extremely
premature neonates;
a secondary Preterm
Erythropoietin
Neuroprotection Trial analysis

11:00am-11:20am

Nawara Abufares
Medical College of Wisconsin
1st Year Pediatric Resident

Baby Talk: Exploring barriers
and facilitators to
parent-physician
communication in the NICU

11:20am-11:40am

Ashleigh Rushing
University of Wisconsin
3rd Year NICU Fellow

A Fellow-Led Lecture Series to Improve Knowledge Acquisition of Neonatology Core Topics for Pediatric Residents

11:40am-12:00pm

Sunil Sati
Medical College of Wisconsin
2nd Year NICU Fellow

Decreased Micro-RNA 30b Impairs Angiogenesis in Fetal Lambs with Persistent Pulmonary Hypertension Through Altered Notch Signaling

12:00pm-1:00pm

LUNCH BREAK

1:00pm-1:20pm

Jack Koueik
University of Wisconsin
2nd Year Pediatric Resident

Respiratory Severity Score during the first two hours as a predictive factor for CPAP failure in moderate preterm infants

1:20pm-1:40pm

Bethany Klett
Medical College of Wisconsin
2nd Year NICU Fellow

The Art of Medicine Series: a smartphone-based video curriculum to improve clinical communication in the NICU

1:40pm-2:00pm

Erin Rholl
Medical College of Wisconsin
Assistant Professor
Pediatric Palliative Care Physician

Parent and Provider Experiences Managing Uncertainty in Neonatal Care

2:00pm-2:20pm

Susan Cohen
Medical College of Wisconsin
Associate Professor
Director of Neonatal Neurocritical Care Program at Children's Wisconsin, Medical Director of the HOPE Developmental Follow-up Clinic, Neonatal provider in the DREAM Neurodevelopmental Multi-disciplinary Follow-up clinic

Quality Improvement for Reducing Utilization Drift in Hypoxic-Ischemic Encephalopathy

2:20pm-2:40pm

Narmin Muhktarova
University of Wisconsin
1st Year Pediatric Resident

Iron Screening in the NICU
at 1 Month with Reticulocyte
Hemoglobin, A Quality
Improvement Project

2:40pm-3:00pm

Katie Carlton
Medical College of Wisconsin
3rd Year NICU Fellow

Risk Stratification using
Machine Learning to Inform
High-Risk Infant Follow-Up
Enrollment of Term and Late
Preterm Infants

3:00pm-3:20pm

BREAK

3:20pm-3:40pm

Hannah Schumacher
University of Wisconsin,
3rd Year Pediatric Resident

Factors associated with
successful neonatal lumbar
puncture attempts at a level III
& IV NICU

3:40pm-4:00pm

Emily Mooers
Medical College of Wisconsin
3rd Year NICU Fellow

Aberrant CaMKK β -PGC-1
Signaling in Persistent
Pulmonary Hypertension of
the Newborn (PPHN)

4:00pm-4:10pm

Closing Remarks