

4TH ANNUAL WISCONSIN NEONATOLOGY DAY

April 12, 2024



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

MCW (Children's Corporate Center)
999 North 92nd Street, Suite 410
Room CCC440-130
Wauwatosa, WI 53226

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

[https://uwmadison.co1.qualtrics.com/jfe/
form/SV_0GTMfTIGav5jyui](https://uwmadison.co1.qualtrics.com/jfe/form/SV_0GTMfTIGav5jyui)

Agenda

8:30am-8:35am

Jeffrey Segar
Medical College of Wisconsin

Introductory Remarks

8:35am-9:40am
(Virtual Presentation)

Michelle Baack
Professor and Chair
Department of Pediatrics
University of South Dakota-
Sanford School of Medicine;
Associate Scientist, Sanford
Research

Oh Sweet Baby! Understanding
molecular and physiologic
mechanisms of disease in
infants exposed to diabetic
pregnancy

9:30am-9:50am

Jessica Lyons
Medical College of Wisconsin
Fellow

“It took weeks for us to hold”:
The Experience of Parents of
Children with Major Anomalies
in the NICU

9:50am-10:10am

Hannah McBride
Medical College of Wisconsin
Medical Student

Genetic Testing in a Midwestern
Level IV NICU: Who, Why, When
and Then?

10:10am-10:30am

BREAK

10:30am-10:50am
(Virtual Presentation)

Paige Condit
University of Wisconsin
1st Year NICU Fellow

Association of PDA treatment in
extremely low gestational age
neonates with two-year kidney
outcomes: results from PENUT
study

10:50am-11:10am
(Virtual Presentation)

Adnan Ahmed
University of Wisconsin
Pediatric Resident

Intratracheal Surfactant and
Budesonide for Prevention of
Bronchopulmonary Dysplasia

11:10am-11:30am	Alyssa Madison Medical College of Wisconsin Research Technician	Angiotensin II Type 1 Receptor Antagonism Eliminates Programmed Metabolic Consequences on Early Life Sodium Deprivation
11:30am-11:50am	Dinushan Kaluarachchi University of Wisconsin Associate Professor Neonatal Research Director	Changes in Patent Ductus Arteriosus Management and Outcomes in Infants Born at 26-28 Weeks' Gestation
11:50am-12:30pm	LUNCH BREAK	
12:30pm-12:50pm	Erin Rholl Medical College of Wisconsin Assistant Professor	Practicing in the Gray Zone: Neonatologists' Reactions to Uncertainty in Patient Care
12:50pm-1:10pm	Sunil Sati Medical College of Wisconsin Fellow	Effect of metformin on single cell transcriptomics in hyperoxia exposed mouse lung endothelial cells
1:10pm-1:30pm	Sarah Trinh University of Wisconsin Fellow	Invasive Neurally Adjusted Ventilatory Assist in Preterm Infants with Chronic Lung Disease
1:30pm-1:50pm	Ann Chacko University of Wisconsin Fellow	A Retrospective Analysis of Extubation Success in a Level III NICU
1:50pm-2:10pm	Isabella Eiler Medical College of Wisconsin Fellow	Where's the cord gas? Missed opportunities for neonatal assessments when standardized guidelines for collection are not established

2:10pm-2:30pm	BREAK	
2:30pm-2:50pm	Kathryn Berlin Medical College of Wisconsin Assistant Professor	Children’s Wisconsin FORWARD Team: Quality Metrics from the First 6 Months of a Multidisciplinary Effort
2:50pm-3:10pm	Patrick Peebles University of Wisconsin Assistant Professor	Identifying Optimal Endotracheal Tube Size for Neonatal Intubation
3:10pm-3:30pm	Narmin Muhktarova University of Wisconsin Pediatric Resident	White Matter Microstructure at 1 month is Associated with the Development of Visuospatial Processing
3:30pm	Closing Remarks	