

MAY 2024 | Toronto, Canada



Department of Pediatrics
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

Wisconsin at PAS 2024 Guidebook








Pediatric Academic Societies Meeting



*Gooderham Building in
Downtown Toronto*

Photo by Diego Grandi

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This guidebook includes a listing of all the workshops, oral abstracts, and posters that University of Wisconsin Department of Pediatrics faculty, trainees, and staff will present during PAS 2024. For the full schedule, visit PAS online at 2024.pas-meeting.org



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The Department of Pediatrics Social Media Toolkit includes resources that faculty members and trainees can use to start their own social media accounts and guidance on how to share work as health care providers or researchers.

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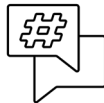
Tag Relevant People

Connect with people inside and outside your network.



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Social Media Toolkit

DOP login required.

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Visit us in Booth #326

Speak with Department of Pediatrics faculty members and administrative leaders about ways you can train with us, learn with us, and work with us.

Friday, May 3	Saturday, May 4	Sunday, May 5	Monday, May 6
5:15–7:15 p.m. Leigh Fredericks <i>Faculty Recruiter</i>	3:30–6 p.m. Leigh Fredericks <i>Faculty Recruiter</i>	3:30–6 p.m. Leigh Fredericks <i>Faculty Recruiter</i>	9:30–11:30 a.m. Leigh Fredericks <i>Faculty Recruiter</i>
5:15–6:15 p.m. Kelly McGregory, DO <i>Interim Division Chief Division of Child Protection</i>	3:30–4 p.m. Jessica Babal, MD <i>Interim Division Chief (Academic) Division of General Pediatrics & Adolescent Medicine</i>	3:30–4:30 p.m. Mala Mathur, MD, MPH <i>Director of Professional Development Division of General Pediatrics & Adolescent Medicine</i>	9:30–10 a.m. Daniel Sklansky, MD <i>Residency Program Director Division of Hospital Medicine & Complex Care</i>
6:15–6:45 p.m. Julene Gaspard <i>Chief Administrative Officer</i>	4–4:30 p.m. Christina Barreda, MD <i>Division of Pulmonology & Sleep Medicine</i>	4:30–5 p.m. Matthew Harer, MD <i>Division of Neonatology & Newborn Nursery</i>	10–10:30 a.m. Kristin Shadman, MD <i>Director of QI Scholarship Division of Hospital Medicine & Complex Care</i>
6:45–7:15 p.m. Kim Stevenson <i>Associate Department Administrator</i>	4:30–5 p.m. Adam Bauer, MD <i>Associate Residency Program Director Division of Neonatology & Newborn Nursery</i>	5–6 p.m. Daniel Sklansky, MD <i>Residency Program Director Division of Hospital Medicine & Complex Care</i>	10:30–11:30 a.m. Ellen Selkie, MD, MPH <i>Fellowship Program Director Division of General Pediatrics & Adolescent Medicine</i>
	5–6 p.m. Mary Ehlenbach, MD <i>Director of Diversity, Equity, & Inclusion Division of Hospital Medicine & Complex Care</i>		

*All times listed are Eastern Time



Ask Me Anything

about our open positions

Hall DE | Booth #326
May 3-6 | Poster Sessions



Leigh Fredericks
Faculty Recruiter



Ask Me Anything

about our Pediatrics Residency Program

Hall DE | Booth #326
May 5 | 5-6 p.m.



Daniel Sklansky, MD
Residency Program Director



Ask Me Anything

about our Pediatrics Fellowship Programs

Hall DE | Booth #326
May 6 | 10:30-11:30 a.m.



Ellen Selkie, MD, MPH
Fellowship Program Director

WORKSHOPS & ORAL ABSTRACTS

10:35–11:35 a.m. |
Room 104 AB

Workshop

Topic: Pediatric Sedation

SIM Scenario 3 and 4

Juan Boriosi*

12:30–12:45 p.m. | Room 107

Scholarly Sessions

Topic: AI for Neonatologists

AI Showcase: ROP and AI

Ryan McAdams*

3:45–5:15 p.m. | Room 716 B

Workshop

**Collaborative Development
of Shared Curricula for
Pediatrician-Scientist
Development**

Daniel Moore*, Andrea Burns,
Andrew Nowalk, Debra Boyer,
Misty Good, **Emma Mohr**

4–4:15 p.m. | Room 202

Oral Abstract

Topic: Sedation Medicine

**COVID-19 Infection and
Airway Adverse Events
in Pediatric Procedural
Sedation: A Report from
the Pediatric Sedation
Research Consortium**

Juan Boriosi*, Daniel Tsze,
Jaimee S. Holbrook, Maala
Bhatt, Vanessa A. Olbrecht,
Kate Ackerman

4:30–4:45 p.m. | Room 202

Oral Abstract

Topic: Sedation Medicine

**A Quality Improvement
Project to Reduce
Magnetic Resonance
Imaging Sedation in
Children**

Juan Boriosi*, Megan Peters

4:25–4:50 p.m. | Room 106

Scholarly Sessions

*Topic: Social Media and Youth
Wellbeing: Updates from the
AAP Center of Excellence*

**Media Use Among
Adolescents: The Roles of
Identity, Family Context,
and Individual Differences**
Megan Moreno*

4:35–4:45 p.m. | Room 105

Scholarly Sessions

*Topic: Can AI Solve Some
of Neonatology's Greatest
Challenges?*

**Emerging Global Tools in
ROP Detection: Are We
Already Behind?**

Ryan McAdams*

**All times listed are Eastern Time*

FRIDAY

University of
Wisconsin
Department
of Pediatrics
faculty, staff,
and trainees
who are first
authors or co-
authors of work
being presented
at PAS 2024
are **bolded**.
Presenters
or workshop
leaders have an
*asterisk after
their name.

POSTER SCHEDULE

5:15–7:15 p.m. | Hall DE

Topic: Children with Chronic Conditions 1

Adjusting to Healthcare at Home: Caregiving Duration and Confidence During Acute Illnesses

George Verdelis*, Danielle Gerber, Kristina Devi Singh-Verdeflor, Ryan Coller

Topic: Neonatal Fetal Nutrition & Metabolism 1: Growth of Body and Brain

Biomarkers of Brain Exosomes from Plasma Displayed a Link Between Neonatal Systemic and Central Nervous System Inflammation

Phu Tran*, Nicholas Dolan, Narmin Mukhtarova, Pamela Kling, Michael Georgieff

Topic: Children with Chronic Conditions 1

Children with Medical and Social Complexity: Caregiver Perspectives on Navigating the Healthcare, Education, and Social Services Systems of Care

Jennifer Peralta*, Carlos Lerner, Ryan Coller, MarySue Heilemann, Rebecca Dudovitz

Topic: Global Neonatal and Children's Health 3

Development and Modification of a Pediatric Endocrinology Curriculum for Pediatric Residents in Rwanda

Melinda Chen*, Diane Stafford, Florent Rutagarama

Topic: Children with Chronic Conditions 1

Differences in COVID-19 Testing Perceptions from Caregivers of Children with Medical Complexity by Rural Status

Kristina Devi Singh-Verdeflor*, Michelle Kelly, Gregory DeMuri, Gemma Warner, Sabrina Butteris, Mary Ehlenbach, Shawn Koval, Joseph McBride, Ryan Coller

**All times listed are Eastern Time*

POSTER SCHEDULE

5:15–7:15 p.m. | Hall DE

Topic: Children with Chronic Conditions 3

Family Partnerships in Developing Priority-Setting Methods to Measure Family Well-Being for Children with Medical Complexity

Kathleen Huth*, Nikki Montgomery, **Ryan Coller**, Isabel Stringfellow, Bethlyn Houlihan, Charlene Shelton, Jonah Stoller, Jay Berry, Meg Comeau

Topic: Medical Education 3

Empowering Pediatricians Learning Qualitative Research (ExPLOR): Development and Delivery of a Novel Qualitative Research Curriculum

Taylor House*, Madeline Kieren, Catherine Dougherty, Megan Moreno, Bradley Kerr, Madhulika (Mala) Mathur, Michelle Kelly

Topic: Adolescent Medicine 2

Jargon Jumble: Teenagers' Understanding of Medicalized English

Aarabhi Rajagopal*, Marissa Henderickson, Michael Pitt, Katherine Allen, Emily Hause, **Michelle Kelly**, Zachary Linneman, Scott Lunos, Rheanne Maravelas, Sage Marmet, Brett Norling, Alexis Quade, Madeline Suk, Jordan Marmet

Topic: Health Equity/Social Determinants of Health 1

Perspectives of Spanish-Speaking Caregivers on Patient Portal Use for Children with Chronic Conditions

Gabriel Tse*, Stephanie Squires, Katherine Hu, **Michelle Kelly**, Bonnie Halpern-Felsher, Jennifer Carlson

Topic: Children with Chronic Conditions 2

Understanding Referral and Enrollment in a Pediatric Complex Care Program: Disparities & Predictors

Maria Schletzbaum*, **Gemma Warner**, Mary Ehlenbach, Heidi Kloster, Ryan Coller

FRIDAY

WORKSHOPS & ORAL ABSTRACTS

8–9:30 a.m. | Room 715 A
Workshop

From Bedside to State House: Daily Advocacy

Maya Maxym*, Madhulika (Mala) Mathur, Shetal Shah, Amanda Stewart, Lenore Jarvis

8–9:30 a.m. | Room 602
Workshop

It's a Journey: Incorporating Ikigai in Coaching for Professional Fulfillment

Amrita Narang*, Brandon Alexander, Kathleen Boyd, Kevin Chi, Kim Hoang, Tashveen Kaur, Monique Naifeh, Carrie Rassbach, Debbie Sakai, Daniel Sklansky, Alison Slone, Rebecca Blankenburg

11 a.m.–12:30 p.m. | Room 705
APA Teaching in Community Special Interest Group (SIG)

Teaching in Community Hospitals: Practical Skills for Community Pediatricians Working with PHM Fellows: Introduction

Ann Allen*, Vivien Sun

11:15–11:30 a.m. | Room 201 F
Oral Abstract

Topic: Neonatal Cardiology and Pulmonary Hypertension 1: Shunts

Changes in Patent Ductus Arteriosus Management and Outcomes in Infants Born at 26–28 Weeks Gestation

Dinushan Kaluarachchi*, Rysavy Matthew, Barbara T. Do, Valerie Y. Chock, Matthew Laughon, Carl Backes, Tarah Colaizy, Edward F. Bell, Patrick McNamara

11:50 a.m.–Noon | Room 105
Hot Topic Symposia

Top Articles in Medical Education 2023: Applying the Current Literature to Educational Practice and Scholarship

Heidi Kloster*

**All times listed are Eastern Time*

WORKSHOPS & ORAL ABSTRACTS

2-2:15 p.m. | Room 801 B

Oral Abstract

*Topic: Neonatal Nephrology/
AKI*

**Association of PDA
Treatment in Extremely
Low Gestational Age
Neonates with Two-Year
Kidney Outcomes: Results
from the PENUT Study**

Paige Condit*, Ronnie Guillet,
Russel Griffin, David Askenazi,
Matthew Harer

2-3:30 p.m. | Room 713 B

*APA Special Interest Group
(SIG)*

**Evidence-Based
Pediatrics - Advancing
Together in Using Teaching
and Evaluating EBM**

Jonathan Fliegel*

2:45-3 p.m. | Room 713 B

*APA Special Interest Group
(SIG)*

**Innovative EBM Teaching
Models and Creating
a Clearinghouse for
Collaboration**

Jonathan Fliegel*

2:45-3 p.m. | Room 801 B

Oral Abstract

*Topic: Neonatal Nephrology/
AKI*

**Discovery Urinary
Metabolomics of Preterm
Neonatal Acute Kidney
Injury**

Paige Condit*, Nicole
Nightingale, Katherine
Overmyer, Joshua Coon,
Matthew Harer

SATURDAY

**All times listed are Eastern Time*

POSTER SCHEDULE

3:30–6 p.m. | Hall DE

Topic: Hospital Medicine 4

**A Health System
Intervention to Decrease
Readmissions for Newborn
Hyperbilirubinemia**

Laura Chen*, Elizabeth
Goetz, Kristin Shadman

Topic: General Pediatrics 4

**An Internist By Any Other
Name Is ... Likely Less
Confusing**

Emily Hause*, Michael
Pitt, Marissa Hendrickson,
Katherine Allen, **Michelle
Kelly**, Zachary Linneman,
Scott Lunos, Rheanne
Maravelas, Sage Marmet,
Brett Norling, Alexis Quade,
Arabhi Rajagopal, Madeline
Suk, Jordan Marmet

Topic: General Pediatrics 4

**Cutting Through
Confusion: Kids' (Mis)
understanding of Medical
Terminology**

Rheanne Maravelas*, Jordan
Marmet, Marissa Hendrickson,
Katherine Allen, Emily Hause,
Michelle Kelly, Zachary
Linneman, Scott Lunos, Sage
Marmet, Brett Norling, Arabhi
Rajagopal, Alexis Quade,
Madeline Suk, Michael Pitt

Topic: Sedation Medicine

**Feasibility of Performing
Tympanostomy Tube
Placement in Conjunction
with Auditory Brainstem
Response Under Sedation
Outside the Operating
Room in Children**

Haroon Ali*, Rhea M. Vidrine,
Cheri Landers, Juan Boriosi

Topic: Nephrology 2

**Methylation Signatures of
Plasma and Uring cfDNA
Inform Host Mechanisms in
Kidney Allograft Rejection
and the Resulting Allograft
Response**

Benjamin Spector*, Boryana
S. Koseva, Alexander Kats,
Reid Alisch, Laurel Willig

Topic: Medical Education 5

**Mixed Methods Evaluation
of a Workshop to Promote
Growth Mindset in
Pediatric Residents**
Zachary Gray*, Sarah
Webber, Daniel Sklansky,
Tyler Sternhagen, Sushant
Srinivasan

**All times listed are Eastern Time*

POSTER SCHEDULE

3:30–6 p.m. | Hall DE

Topic: Child Abuse and Neglect 2

Parenting Classes are Associated with Higher Parent Self-Reporting of Child Physical Discipline

Kelly McGregory*, Bradley Kerr, Qianqian Zhao, Megan Moreno

Topic: General Pediatrics 4

Perspectives on Integrative Approaches among Parents of Pediatric Patients in an Urban Midwestern Community of the U.S.

Madhulika (Mala) Mathur*, Anna Pearson, Kristin Kotleski, Bradley Kerr

Topic: Neonatology Neurology 6: Clinical

White Matter Microstructure at 1 Month is Associated with the Development of Visuospatial Processing

Narmin Mukhtarova*, Doug Dean, Marissa DiPiero, Elizabeth Planalp

You're invited: PAS Reception



You are warmly invited to the University of Wisconsin Department of Pediatrics PAS Reception.

Join us for hors d'oeuvres and beverages, as well as networking and conversation.

Saturday, May 4
6–9 p.m.
Fairmont Royal York
Room: Confederation 5

SATURDAY

WORKSHOPS & ORAL ABSTRACTS

8–9:30 a.m. | Room 715 A

Workshop

**Developing a Point of Care
Ultrasound Program in
Your Neonatal ICU – What
Does It Take?**

María Fraga*, Shazia Bhombal,
Daniele De Luca, Almudena
Alonso-Ojembarrena, Adam
Bauer, Stephanie Marshall,
Sharada Gowda, Alan Groves,
J. Lauren Ruoss, Courtney
Juliano, Yogen Singh, Karena
Lawrence, Belinda Chan, Cara
Beth Carr

8–9:30 a.m. | Room 705

Workshop

**Improving Your Diagnostic
and Procedural Skills in
Newborn Practice: Hips,
Tongues, and Circumcision**

Linda Meloy*, Joseph
Lopreiato, Arshiya Ahuja,
Casey Freymiller, Kirsten
Robinson, Philip Kum-Nji

8:30–8:45 a.m. | Room 201 BD

Oral Abstract

*Topic: Neonatal General 3:
Neurology*

**Automated Analysis
of Care Manipulation
Activities in Neonatal
Intensive Care Unites
(NICUs) Using Deep
Learning**

Ryan McAdams*, Abrar
Majeedi, Ravneet Kaur,
Shubham Gupta, Harpreet
Singh, Yin Li

9:15–9:30 a.m. | Room 712

*E-Learning Special Interest
Group (SIG)*

**Highlight Abstracts/
Posters Utilizing Tech in
Teaching**

Ngoc Gia Khanh (Sarah)
Trinh*

10–10:50 a.m. | Room 601

Networking Breakout

**Subspecialty Networking
Breakout: Artificial
Intelligence in Neonatology**

Ameena Husain*, Zachary
Vesoulis, Lindsey Knake,
Brynne Sullivan, Kelsey Simek,
Thomas Hooven, James Barry,
Ryan McAdams

**All times listed are Eastern Time*

WORKSHOPS & ORAL ABSTRACTS

11 a.m.–12:30 p.m. |

Room 715 B

Workshop

**The Compass, the Mirror,
and the Swiss-Army
Knife: Key Principles of
Leadership in Pediatrics**

Kanekal Gautham*, Sanjay
Patole, Snezana Nena Osorio,
Ryan McAdams

11 a.m.–12:30 p.m. | Room 601

Workshop

**Urine I Know: Vaccine
Considerations in Pediatric
Kidney Disease**

Michelle Denburg*, Upton
Allen, Sharon Bartosh, Daniel
Ranch, Dorey Glenn

2:15–2:30 p.m. | Room 107

Oral Abstract

Topic: Neonatal Pulmonology

**Effectiveness of
Intratracheal Surfactant
and Budesonide
for Prevention of
Bronchopulmonary
Dysplasia**

Adnan Ahmad*, Paola Filman,
Daniel Gorski, Patrick
Peebles, Nina Menda,
Dinushan Kaluarachchi

2:30–2:45 p.m. | Room 803 A

Oral Abstract

*Topic: Children with Chronic
Conditions 2*

**Expert Delphi to Select
Outcomes from the
National Survey of
Children's Health**

Makenzie Morgen*, Amy J.
Houtrow, Amanda Gatewood,
Jeffrey P. Brosco, Paul Chung,
Reem Ghandour, Shirley
Payne, Lindsey I. Black, Ryan
Coller

**All times listed are Eastern Time*

SUNDAY

POSTER SCHEDULE

3:30–6 p.m. | Hall DE

Topic: Technology 3

Adolescents Who Engage in TikTok Activities They Perceive as Important Report Higher Mental Wellbeing

Bradley Kerr*, Chelsea Olson, Megan Moreno

Topic: Neonatal Nephrology/ AKI

Association Between Kidney Hypoxia and Acute Kidney Injury in Preterm Neonates

Matthew Harer*, Cassandra Nelson, Shayla Schwingle, Derek Gross, Michael Lasarev

Topic: Neonatal Cardiology and Pulmonary Hypertension

Comparison of Neurodevelopmental Outcomes of Extremely Preterm Infants Undergoing Surgical Ligation vs. Trans-Catheter Closer of the Patent Ductus Arteriosus

Dinushan Kaluarachchi*, Valeria Y. Chock, Barbara T. Do, Rysavy Matthew, Neera N. Sankar, Matthew Laughon, Carl Backes, Tarah Colaizy, Edward F. Bell, Patrick McNamara, Susan R. Hintz, Girija Natarajan

Topic: Technology 1

Experiences and Perspectives Around Social Media Use by Caregivers with Children with Respiratory Conditions

Christina Barreda*, Heidi Kloster, Bradley Kerr, Kristin Kotleski, Zoe Stratman, Faisal S. Malik, Mary Ehlenbach, Megan Moreno

POSTER SCHEDULE

3:30–6 p.m. | Hall DE

Topic: Technology 2

Low-Income Adolescents' Attitudes and Motivations Regarding Research Using Personal Social Media Data
Ellen Selkie*, Angela Calvin

*Topic: Neonatal Nephrology/
AKI 1*

Racial Disparities in In-Hospital Mortality and Acute Kidney Injury in Infants Admitted to the Neonatal Intensive Care Unit

Jennifer Rumpel*, Sofia Perazzo, Andrew South, Matthew Harer, Mona Khattab, Michelle Starr, Tahagod Mohamed, Rachel Han, Cara Slagle, Elizabeth Bonachea, Catherine Joseph, Sems Gogcu, Daniel Liu, Jonathan Bona, Mario Shootman, Corey Nagel,

*Topic: Medical Education 4
Works in Progress*

Using Quality Improvement Methodology to Assess the Effect of a Longitudinal Curriculum on Pediatric Resident Engagement in Advocacy

Jessica Bethel*, Megan Yanny, Carolyn Sleeth, Daniel Sklansky

Topic: Technology 1

Workarounds Utilized By Spanish-Speaking Caregivers Encountering Translation Barriers with Patient Portal Use

Katherine Hu, Gabriel Tse, Stephanie Squires, Jennifer Carlson, Bonnie Halpern-Felsher, **Michelle Kelly**

**All times listed are Eastern Time*

SUNDAY

WORKSHOPS & ORAL ABSTRACTS

9–9:15 a.m. | Room 201 F

PIDS Top Abstracts

Prenatal Zika Virus Exposure is Associated with Immature Social-Emotional Development and Brain Volume Changes in Translational Macaque Model

Elaina Razo, Benjamin Boerigter, Saswati Bhattacharya, Nicholas Krabbe, Nagesh Adluru, Veena Nair, Anusha Adluru, Ann Mitzey, Jens Eickhoff, Vivek Prabhakaran, Andrea Weiler, David O'Connor, Thaddeus Golos, Karla Ausderau, Emma Mohr*

1–1:15 p.m. | Room 202

Oral Abstract

Topic: Obesity 2

Parental Preferences for Pediatric Obesity Management in the Primary Care Setting: A Qualitative Study

Oresta Rule*, Kristin Kotleski, Bradley Kerr, Gracey Niedzielak, Kristen Marten

1:15–1:30 p.m. | Room 605

Oral Abstract

Topic: Technology 3

Parent Experiences Accessing Inpatient Clinical Notes on a Pediatric Oncology Service

Madeline Kieren*, Catherine Smith, Brad Ehlenfeldt, Cathy Lee-Miller, Jamie Limjoco, Kristin McArdle, Anna Uhing, Anne Veit, Michelle Kelly

1:30–1:45 p.m. | Room 605

Oral Abstract

Topic: Technology 3

Adolescents' Experiences with Cyberbullying on TikTok are Associated with Depression

Chelsea Olson*, Bradley Kerr, Megan Moreno

WORKSHOPS & ORAL ABSTRACTS

1:30–1:45 p.m. | Room 501

Oral Abstract

*Topic: Quality Improvement/
Patient Safety 2*

**Pediatric Spot Vision
Screening in Primary Care
Pediatric Clinics with EMR
Dashboards**

Karen Pletta*, Lori Lombardo,
Kristin Shadman

2–2:15 p.m. | Room 803 A

Oral Abstract

*Topic: Public Health and
Prevention*

**Identifying US CYSHCN
Groups with Distinct
Policy-Relevant Outcomes**

Amanda Gatewood*,
Makenzie Morgen, Jens
Eickhoff, Jeffrey Brosco, Amy
J. Houtrow, Paul Chung, Reem
Ghandour, Shirley Payne,
Lindsey I. Black, **Ryan Coller**

MONDAY

**All times listed are Eastern Time*

POSTER SCHEDULE

9:30–11:30 a.m. | Hall DE

Topic: Cardiology 1

**A Community-Based
Conceptual Model for
Transitioning Youth with
Congenital Heart Disease**

Krisjon Olson*, Briana
Swanson, Xiao Zhang, Ryan
Coller, Xuan Ngyuyen,
Catherine Allen

*Topic: Neonatal General 7:
Respiratory*

**A Retrospective Analysis
of Extubation Success in
Level III NICU**

Ann Chacko*, Adam Bauer,
Michael Lasarev

Topic: Medical Education 9

**Assessing the Feasibility of
Virtual Reality of Neonatal
Resuscitation Training at
an International Site**

Ngoc Gia Khanh (Sarah)
Trinh*, Ryan McAdams

*Topic: Neonatal Pulmonology -
Clinical Science 3*

**High vs. Low CPAP
Strategy with
Aerosocialized Calfactant
in Preterm Infants with
Respiratory Distress
Syndrome**

Dinushan Kaluarachchi*,
Erick B. Gerday, Timothy M.
Bahr, Henry Zapata, Michael
Lasarev, Scott Guthrie,
Stephen Minton

*Topic: Neonatal Pulmonology -
Clinical Science 3*

**Invasive Neurally Adjusted
Ventilatory Assist (iNAVA)
in Preterm Infants with
Chronic Lung Disease
(CLD)**

Ngoc Gia Khanh (Sarah)
Trinh*, Henry Zapata,
Michael Lasarev, Matthew
Harer, Jamie Limjoco,
Ryan McAdams, Dinushan
Kaluarachchi

POSTER SCHEDULE

9:30–11:30 a.m. | Hall DE

Topic: Medical Education 9

**Perinatal Stroke:
Understanding the
Relationship Between Brain
Lesion and Corticospinal
Tract Development Using
Lesion Segmentation and
Diffusion Tensor Imaging
Techniques**

Andrea Gouvea*, Ellen N. Sutter, Cameron P. Casey, Alina Grimaldo, Doug Dean, Bernadette Gillick

*Topic: Neonatal Neurology 8:
Preclinical*

**Sex Differences in the
Hippocampal Tyrosine
Kinase B Receptor Gene
(Ntrk2) Expression Profile
within the Interneurons
after Neonatal Hypoxia
Ischemia**

Ela Bicki*, Nur Sena Cagatay, Danielle Schmidt, Andy Madrid, Furkan Camci, Sefer Yapici, Peter Ferrazzano, Jon E. Levine, Andre M. Sousa, Pelin Cengiz

*Topic: Neonatal Neurology 8:
Preclinical*

**Tyrosine Kinase B Receptor
Mediated Sex Specific
Neuroprotection Following
Neonatal Hypoxia-ischemia
Requires Non-Classical
Non-Genotropic Estrogen
Receptor Alpha Signaling**

Onur Taparli*, Nur Sena Cagatay, Temour Sheikh, Ela Bicki, Sefer Yapici, Alexa L. Skrapits, Claudia Lagoa-Miguel, Furkan Camci, Feyza Cetin, Peter Ferrazzano, Jon E. Levine, Pelin Cengiz

**All times listed are Eastern Time*

MONDAY

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SCHOOL OF MEDICINE AND PUBLIC HEALTH

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