
Event Agenda

Eastern Society for Pediatric Research (ESPR) 2026 Annual Conference

Friday, March 13, 2026

2:00 PM - 6:00 PM

Registration

4:30 PM - 6:00 PM

Perinatal Club Plenary Happy Hour

Speaker: Dr. Mohamed El-Dib

6:00 PM - 8:00 PM

Poster Session I

Evaluation The Relationship Between Diastolic Dysfunction in Nondiabetic Obese Children and Adolescents with Hypertension.

6:00 PM - 8:00 PM

Speaker: Phan Thao Nguyen Tran

To Improve Resident Recognition of Heart Murmurs and Enhance Quality of Care for NICU Patients

6:00 PM - 8:00 PM

Speaker: Burcak Yoruk

Development and Implementation of Rolling Refreshers to Maintain Quality CRP Skills in a Medium-Volume PICU

6:00 PM - 8:00 PM

Speaker: John Karpuk

Pediatric Post Cardiac Arrest Care Quality Improvement through Implementation of a Clinical Pathway

6:00 PM - 8:00 PM

Speaker: John Karpuk

Implementing Pre-Discharge Bedside Delivery in Pediatric Inpatient Setting

6:00 PM - 8:00 PM

Speaker: Kristina Melchert

Impact of Two-Week Follow-up Phone Call on Appointment Attendance and Medication Adherence in Pediatric ADHD

6:00 PM - 8:00 PM

Speaker: Jack Spandorfer

Stronger Together: A Level IV NICU's Family-Centered and Equitable Care Improvement through the New York State Perinatal Quality Collaborative

6:00 PM - 8:00 PM

Speaker: Neel Mittal

Developing a transition pathway for complex care pediatric patients to adult primary care

6:00 PM - 8:00 PM

Speaker: Emma Miller

Expanding Access to Dental Care via School-Based Teledentistry: A Feasibility Study in Individuals with Autism

6:00 PM - 8:00 PM

Speaker: Krystal Lwanga

Association between Elevated Maternal EPDS Scores and Developmental Delays in Children Aged 0–3 Years

6:00 PM - 8:00 PM

Speaker: Amna Haq

Examining Patterns in Communication Profiles and Clinician Recognition of Anxiety in Autism Spectrum Disorder: Insights from a CARS-2 Chart Review

6:00 PM - 8:00 PM

Speaker: Neel Sharma

The Effect of Multilevel Factors on Missed Appointments in Children with ADHD

6:00 PM - 8:00 PM

Speaker: Claire Asenso

Leucovorin for Autism Treatment: Longitudinal Trends in Online and Media Portrayal

6:00 PM - 8:00 PM

Speaker: Caroline Howard

Quantifying complement proteins in pediatric CSF as potential markers of CNS pruning and pathology

6:00 PM - 8:00 PM

Speaker: Hannah Yen

Reinforcing Independence: Digital Tools for Adolescent Self-Regulation

6:00 PM - 8:00 PM

Speaker: Saia Kalash

Communication Challenges in Early Intervention: Therapist Perspectives on Language

Access for Non-English-Speaking Families in Western New York

6:00 PM - 8:00 PM

Speaker: Omo Emeagui

Social Isolation in Adolescent Rodents as a Stress Model and its Outcomes on Behavior and Brain Plasticity.

6:00 PM - 8:00 PM

Speaker: Josephine Miller

Psychomotor Outcomes in Offspring Following Clozapine Exposure During Pregnancy: A Scoping Review of the Evidence

6:00 PM - 8:00 PM

Speaker: Elizabeth Tucker

One-Year Developmental Outcomes Following Congenital Microcephaly

6:00 PM - 8:00 PM

Speaker: Morgan Chadwick

To Report or Not: A Survey on Physician Certainty Prior to Reporting Child Maltreatment

6:00 PM - 8:00 PM

Speaker: Morgan Chadwick

Improving Detection of Child Physical Abuse in Children Less than 6 Months Old in the Emergency Department

6:00 PM - 8:00 PM

Speaker: Samer Hafuth

Utility of Inpatient Cranial Ultrasound for Surveillance of Pediatric Patients with Mild to Moderate Computed Tomography Evident Traumatic Brain Injury

6:00 PM - 8:00 PM

Speaker: Noah Goldman

Cultivating Cultural Consciousness: A Workshop on Cultural Humility and Specificity for House Staff

6:00 PM - 8:00 PM

Speaker: Guhan Krishnan

Enhancing Learning and Documentation Quality in the Newborn Nursery: A Standardized Curriculum Approach for Pediatric Residents

6:00 PM - 8:00 PM

Speaker: Akila Mary Antony

Resident Performance in Mock Codes at a Community Hospital Pediatrics Department

6:00 PM - 8:00 PM

Speaker: Carl Julien

Promoting Early-career Pediatric Researchers through a National Topic-focused Research Network

6:00 PM - 8:00 PM

Speaker: David McCulley

Relationship between treatment of Non-Accidental Trauma cases on Post-Traumatic Stress Disorder in EM Providers.

6:00 PM - 8:00 PM

Speaker: Kenneth Reeve

Utility of urinalyses in boys with testicular pain

6:00 PM - 8:00 PM

Speaker: Nicholas Davis

Exploring the Impact of Altered Mental Status on Morbidity and Mortality in Pediatric Sepsis: A Retrospective Cohort Study

6:00 PM - 8:00 PM

Speaker: Timothy Scranton

Focused Task Training in Pediatric Sepsis Resuscitation and Airway Management Improves Resident Competency: A Retention Study

6:00 PM - 8:00 PM

Speaker: Ainhoa Jayo Castrillo

Correlation of Bladder Wall Thickness and Bladder Debris on Ultrasonography with Urine Culture in Pediatric Patients presenting to a Single-Center Academic Children's Hospital Emergency Department

6:00 PM - 8:00 PM

Speaker: Emily Jonker

Shifting Trends in Pediatric Long Bone Fractures and Associated Social Determinants of Health

6:00 PM - 8:00 PM

Speaker: Kelan Queenan

Association of Echogenic Kidneys with APOL1 High Risk Variants and Genetic Causes of Nephrotic Syndrome/Proteinuria

6:00 PM - 8:00 PM

Speaker: Ross Tollaksen

Characteristics of Pediatric Patients with Return Visit to the Emergency Department for Croup

6:00 PM - 8:00 PM

Speaker: Morgan Robinette

AML Under The Microscope: A Case Series of Pediatric AML at Saint Peter's University Hospital

6:00 PM - 8:00 PM

Speaker: Rajesh Varma C P

Selling Sun: Analyzing Current Trends in Sun Protection Messaging

6:00 PM - 8:00 PM
Speaker: Hannah Likier

Efficacy and safety of childhood vaccines administered intradermally through novel microneedles: A pre-clinical study

6:00 PM - 8:00 PM
Speaker: Joseph L Mathew

Trend in RSV Immunization

6:00 PM - 8:00 PM
Speaker: Shetal Shah

PARENTAL PERCEPTION ON IMMUNIZATION OF CHILDREN <2 YEARS OLD WITH NIRSEVIMAB (BEYFORTUS) IN THE BRONX

6:00 PM - 8:00 PM
Speaker: Yasmim Schenkel

Effectiveness of Maternal RSV Vaccination and Nirsevimab in Preventing and Reducing Severity of RSV-Related Illness in Infants Under 6 Months: A Single-Center Experience from a New York City Public Hospital

6:00 PM - 8:00 PM
Speaker: Helly Thakkar

Urinary Tract Infections in a Community Hospital Neonatal Intensive Care Unit June 2020 – June 2025

6:00 PM - 8:00 PM
Speaker: Priyanka Arya

Pseudo-Outbreak of Stenotrophomonas maltophilia in a Children's Hospital Investigated by Whole Genome Sequencing

6:00 PM - 8:00 PM
Speaker: Katherine Dunkelberger

Perceptions and Practices on Leftover Antibiotic Disposal among Caregivers of Pediatric Patients

6:00 PM - 8:00 PM
Speaker: Clarissa Mae Vista

Comparison of Demographic Characteristics Comorbid Conditions and Selected Outcomes of Infants Hospitalized with Respiratory Syncytial Virus (RSV) during their First versus Second Year of Life June 2022-May 2023

6:00 PM - 8:00 PM
Speaker: Lital Oz Alcalay

Modulating Acute and Chronic Systemic Pro-inflammatory Cytokine and Chemokine Responses in Neonatal Sepsis

6:00 PM - 8:00 PM
Speaker: Sana Shamshad

Reducing Barriers to Providing Targeted Oxygen Saturation in Preterm Infants

6:00 PM - 8:00 PM
Speaker: Sripriya Sundararajan

MIST-ifying a Level IV NICU: a single center experience of introducing minimally invasive surfactant therapy and finding equipoise in a unit with routine use of laryngeal mask airway surfactant

6:00 PM - 8:00 PM
Speaker: Riane Richard

LESS INVASIVE MORE IMPACTFUL: QI PROJECT TO BRING LISA TO LEVEL IV NICU

6:00 PM - 8:00 PM
Speaker: Tien Phan

A Quality Improvement Project to Improve Timing of Antibiotic Administration in Late Onset Neonatal Sepsis

6:00 PM - 8:00 PM
Speaker: Tashalee McGrath-Blagrove

QI Initiative to Reduce Invasive Ventilation in Extreme Preterm Infants

6:00 PM - 8:00 PM
Speaker: Ahmed Ismaiel

KANGA (KAngaroo care to Nurture and Grow All preemies): An Equity-Guided Neonatal Quality Improvement Project Mitigating Barriers to Early Skin-to-Skin Care

6:00 PM - 8:00 PM
Speaker: William Zhuo-Ming Li

Reducing Motion Artifacts in Neonatal MRI Using Feed and Swaddle Technique Alongside Med-Vac Pediatric Immobilization Device

6:00 PM - 8:00 PM
Speaker: Valeria Doriciak

Safe Effective & Equitable use of Intranasal Sedation (INS) for Neonatal Magnetic Resonance Imaging (NMRI) Studies

6:00 PM - 8:00 PM
Speaker: Lauren Latawiec

Tiny Hands Depend on Yours: Improving Hand Hygiene and Reducing Skin Colonization Rates in a Level III Neonatal Intensive Care Unit in the South Bronx

6:00 PM - 8:00 PM
Speaker: Oluwabusayomi Ayantoyinbo

Educate Empower Equip: Equity for Inner-City Infants on Medicaid Through Pediatric Residents as Lactation Ambassadors

6:00 PM - 8:00 PM

Speaker: Oluwabusayomi Ayantoinbo

Toward Timely Nutrition: Introducing Standardized Feeding Protocol in the CHKD NICU

6:00 PM - 8:00 PM

Speaker: Kathryn Combo

Improving Neonatal Resuscitation Skills Among Nurses and Doctors Through Simulation-Based Education in a Level III NICU at a Community Hospital

6:00 PM - 8:00 PM

Speaker: Mohamed Said

A Quality Improvement Initiative to Reduce Fractures Associated with Metabolic Bone Disease of Prematurity

6:00 PM - 8:00 PM

Speaker: Kehinde Adebisi

Improvement of Intravenous Access Success with the Use of Point of Care Ultrasound in a Level III Neonatal Intensive Care Unit

6:00 PM - 8:00 PM

Speaker: Anupriya Bhatia

Implementation of an Umbilical Cord Milking (UCM) Initiative in Non-Vigorous Late-Preterm and Term Infants at an Academic Medical Center

6:00 PM - 8:00 PM

Speaker: Meredith DeForest

Patience is Key Perform DCC: A Quality Improvement Project to Optimize Cord Management in Preterm Deliveries.

6:00 PM - 8:00 PM

Speaker: Josephine Miller

Cost Saving of Transcutaneous Bilirubinometry in the Neonatal Intensive Care Unit

6:00 PM - 8:00 PM

Speaker: Aubri Pritchett

Lessons Learned about Obstacles for Lactating NICU Parents in Maintaining Their Milk Supply

6:00 PM - 8:00 PM

Speaker: Cecilia Ampem-Darko

Equitable Increase in Skin-to-Skin in ELBW and VLBW Infants Including on High Frequency Jet Ventilator - A Quality Improvement Initiative

6:00 PM - 8:00 PM

Speaker: Eytan Rasekh

Quality Improvement Initiative to Implement Eat Sleep Console for Management of Neonatal Opioid Withdrawal Syndrome in a Level IV Neonatal Intensive Care Unit

6:00 PM - 8:00 PM

Speaker: Sarah Dawood

Improving Pulse Oximetry Efficiency in Neonatal Resuscitation: A Quality Improvement Initiative

6:00 PM - 8:00 PM

Speaker: Breana Cocelli

Video Laryngoscopy Improves First-Attempt Intubation of Infants with Congenital Anomalies in the Delivery Room

6:00 PM - 8:00 PM

Speaker: Elisa Abdulhayoglu

Improving Oxygen Saturation Targets: A Delivery Room Quality Improvement Initiative

6:00 PM - 8:00 PM

Speaker: Breana Cocelli

Impact of Simulation-Based Neonatal Resuscitation Training on Learner Confidence

6:00 PM - 8:00 PM

Speaker: Fernanda Bernstein

Synchronized vs. Non-Synchronized Nasal Intermittent Positive Pressure Ventilation for Preventing Extubation Failure in Neonates Born \leq 31 weeks' Gestation

6:00 PM - 8:00 PM

Speaker: Priyanka Patel

Identifying Risk Factors for the Development of Grade II Bronchopulmonary Dysplasia for Early Parental Counseling: A Single Center Case Control Study

6:00 PM - 8:00 PM

Speaker: Ishani Patel

Adjunctive Therapy Use in Pediatric Status Asthmaticus over a Decade: A Single Center Retrospective Analysis

6:00 PM - 8:00 PM

Speaker: Aaska Patel

Impact of increased CPAP use in the NICU on device related pressure injury and association with respiratory outcomes in extremely low gestational age infants

6:00 PM - 8:00 PM

Speaker: Manan Shah

Optimizing pediatric asthma care by involving community health workers a quality improvement initiative

6:00 PM - 8:00 PM

Speaker: Minaxi Vora MD

Clinical Comparison of Pediatric Cervical Lymphadenitis Patients by Imaging and Treatment Modalities

6:00 PM - 8:00 PM
Speaker: Rachel Sivan

**Child protective services involvement for newborns with prenatal substance exposure:
An assessment of electronic health record terminology**

6:00 PM - 8:00 PM
Speaker: Vani Parthiban

The Impact of Healthcare Misinformation and Disinformation: A Survey of Healthcare Providers

6:00 PM - 8:00 PM
Speaker: Rebecca Raskin-Wish

Impact of Racial and Ethnic Disparities on Antenatal Steroid Exposure and Neonatal Outcomes in Pregnancies Complicated by Fetal Growth Restriction

6:00 PM - 8:00 PM
Speaker: Elizabeth Hammond

Outbound Transfers from Community Hospital Neonatal Intensive Care Unit

6:00 PM - 8:00 PM
Speaker: Priyanka Arya

A Rare Twin Tale: Coalescent Mastoiditis in Unvaccinated Premature Infants

6:00 PM - 8:00 PM
Speaker: Sanjana Sachdeva

WHEN THE BRAIN BLEEDS AND THE SODIUM DROPS: A RARE CASE OF CEREBRAL SALT WASTING FOLLOWING MASSIVE INTRAVENTRICULAR HEMORRHAGE IN A LATE PRETERM INFANT

6:00 PM - 8:00 PM
Speaker: Tien Phan

An Unusual Case of Elizabethkingia anophelis Sepsis in an Infant with 3-Methylcrotonyl-CoA Carboxylase (3-MCC) Deficiency

6:00 PM - 8:00 PM
Speaker: Sana Amreen Shaikh

Too Late to Salvage? A rare disease entity: Neonatal Testicular Torsion.

6:00 PM - 8:00 PM
Speaker: Pushwinder kaur

Factitious Hemoptysis in an Adolescent Female: A Rare Cause of Apparent Pulmonary Bleeding

6:00 PM - 8:00 PM
Speaker: Merve Celebi

Severely decreased fetal movement hydrops fetalis fetal growth restriction contractures and congenital fractures in a premature neonate

6:00 PM - 8:00 PM
Speaker: Shahajahan Kadage

Pancreatitis in a 16 Year Old Female Induced by Cannabinoid Hyperemesis Syndrome: A Case Report

6:00 PM - 8:00 PM
Speaker: Ahmed Elhatw

Beyond the Purple Pigment: Chromobacterium violaceum as a Sentinel infection for Chronic Granulomatous Disease

6:00 PM - 8:00 PM
Speaker: Salonee Rathod

Beyond the Lungs: Mycoplasma pneumoniae as a Trigger for Post-Infectious Immune-mediated Encephalopathy

6:00 PM - 8:00 PM
Speaker: Ishita Mishra

Recurrent Abdominal Distension in Extremely Low Birth Weight Preterm Infant - A Diagnostic Dilemma

6:00 PM - 8:00 PM
Speaker: Kishan Kumar

Blurred Vision Blurred Borders: A Rare Case of Empyema with Infarction

6:00 PM - 8:00 PM
Speaker: Afeerah Ahmad

An Uncommon Diagnosis: Spontaneous Brachial Artery Thrombosis in a Preterm Neonate

6:00 PM - 8:00 PM
Speaker: Elizabeth Hammond

TINY PATIENT WITH BIG PRESSURE: UNRAVELING AN UNUSUAL CAUSE OF NEONATAL HYPERTENSION

6:00 PM - 8:00 PM
Speaker: Tien Phan

An Unusual Presentation of Chlamydia Pneumonia in a 4 Month Old Female Resulting in Severe ARDS

6:00 PM - 8:00 PM
Speaker: Ainhoa Jayo Castrillo

An Unexpected Finding in a Surviving Twin

6:00 PM - 8:00 PM
Speaker: Millie Kothari

Saturday, March 14, 2026

7:00 AM - 8:00 AM

Continental Breakfast

7:00 AM - 6:30 PM

Registration

8:00 AM - 9:30 AM

Session 1A - Medical Education & Simulation

(Featured Faculty) Curriculum Education - Going Beyond the Lecture: Engaging Adult Learners in Medicine

8:00 AM - 9:30 AM
Speaker: Vandana Racherla

Comparative Performance of Newer Laryngeal Masks: A Neonatal Simulation Study

8:00 AM - 9:30 AM
Speaker: Saptadweepa Sanghamitra

Reducing Disparities in Maternal Knowledge and Uptake of Pasteurized Donor Human Milk in the Well Baby Nursery Through Staff Education

8:00 AM - 9:30 AM
Speaker: Shayla Durfey

Improving Handoff in a Level 3 Neonatal ICU Among Pediatric Residents

8:00 AM - 9:30 AM
Speaker: Geoffrey Campbell

Focused, Skill-Based Simulation Training in Status Epilepticus and Supraventricular Tachycardia Improves Pediatric Residents' Confidence and Performance

8:00 AM - 9:30 AM
Speaker: Michael Gillman

EPINEPHRINE THROUGH ADVANCED AIRWAY DURING NEONATAL RESUSCITATION - A SIMULATION AND TRANSLATIONAL MODEL STUDY

8:00 AM - 9:30 AM
Speaker: Tien Phan

8:00 AM - 9:30 AM

Session 1B - Perinatal Health & Fetal-Neonatal Transition

Maternal SSRI Exposure During Pregnancy and Neonatal Cardiopulmonary Outcomes: A Systematic Review and Meta-Analysis

8:00 AM - 9:30 AM
Speaker: Sree Mahathi Chavali

Limited Prognostic Value in Fetal Heart Rate Tracing in Preterm Deliveries (<32 Weeks Gestation)

8:00 AM - 9:30 AM
Speaker: Ha Tran

Effect of Antenatal Corticosteroids on Newborn Screening for Congenital Adrenal Hyperplasia in Preterm Infants <34 Weeks in an Urban Multiethnic Hospital

8:00 AM - 9:30 AM
Speaker: Shyamkumar Panchani

Transfer of Passive Immunity to Newborns after Booster Immunization Against SARS-CoV-2 During Pregnancy in a Predominantly Immigrant Population: A Pilot Study

8:00 AM - 9:30 AM
Speaker: Marco Nunez Ramos

Utility of Umbilical Cord Tissue as a Confirmatory Matrix for Maternal Substance Abuse

8:00 AM - 9:30 AM
Speaker: Prabhakar Kocherlakota

Umbilical Cord miRNA To Understand Accelerated Growth in Opioid-Exposed Neonates: A Pilot Study

8:00 AM - 9:30 AM
Speaker: Francesca Carasi-Schwartz

8:00 AM - 9:30 AM

Session 1C - Nutrition, GI & Metabolism

Redefining Normal: Impact of Revised Glucose Thresholds on Neonatal Hypoglycemia

8:00 AM - 9:30 AM
Speaker: Francisco Zepeda

Assessing Pediatric Gastroenterologists' Use of Artificial Intelligence in Clinical and Professional Tasks

8:00 AM - 9:30 AM
Speaker: Vineeta Guntupalli

QI: Improving Lactation Outcomes in the Setting of Prematurity Through Documentation of First Pump

8:00 AM - 9:30 AM
Speaker: Gillian Bremer

Sex-Specific Modulation of Endocannabinoid-Lipid Pathways in Neonates with Prenatal Cannabis Exposure

8:00 AM - 9:30 AM
Speaker: Parvathy Krishnan

Implementation of a Pilot Nasogastric Tube Home Discharge Program in a level IV NICU

8:00 AM - 9:30 AM
Speaker: Bipashna Malla

Can a Clinical Care Bundle Protect Against NEC in the NICU?

8:00 AM - 9:30 AM
Speaker: Heather Croy

8:00 AM - 9:30 AM

Session 1D - Cardiology & Hemodynamics

Defining the role of PINK1/Parkin dependent mitophagy in Right Ventricular Dysfunction and Cardiomyocyte Impairment in experimental Pulmonary Hypertension

8:00 AM - 9:30 AM
Speaker: Ioanna Kotsopoulou

Early Predictors of Late-Onset Pulmonary Hypertension in Preterm Infants with BPD: Integrating Echocardiographic and Perinatal Factors

8:00 AM - 9:30 AM
Speaker: Ahmed Ismaiel

Do Parents Know CPR? Evaluating Confidence and Knowledge in a Pediatric Cardiology Setting

8:00 AM - 9:30 AM
Speaker: Tolulope Falusi

Safety and Blood Pressure Responses During Arginine-Clonidine Growth Hormone Stimulation Testing in Children

8:00 AM - 9:30 AM
Speaker: Neil Shah

Early Detection of Circulatory Shock in Piglets using Diffuse Correlation Spectroscopy

8:00 AM - 9:30 AM
Speaker: Randolph Sinahon

Cyclophilin D inhibition rescues cardiac cellular and bioenergetic defects caused by neonatal hypoxia

8:00 AM - 9:30 AM
Speaker: George Porter

8:00 AM - 9:30 AM

Session 1E - General Pediatrics & Adolescent Medicine

Association Between Preterm Birth and Abnormal Lipid Profiles in Children Over 9 Years Old

8:00 AM - 9:30 AM
Speaker: Shreya Sinha

Factors Associated with Developmental Dysplasia of the Hip Among Neonates Born at Elmhurst Hospital

8:00 AM - 9:30 AM
Speaker: Amrita Suresh

Albuterol Inclusion in Single Maintenance and Reliever Therapy Asthma Action Plans in Pediatric Primary Care

8:00 AM - 9:30 AM
Speaker: Jordan Wood

Youth and Vaccine Science: How Belief Systems May Influence Engagement and Uptake

8:00 AM - 9:30 AM
Speaker: Maarya Akmal

Evaluating Genomic Knowledge and Decision-Making in Youth and their Parents

8:00 AM - 9:30 AM
Speaker: Sidharth Masarur

Applications of Generative Artificial Intelligence in Scoring And Interpreting The M-CHAT-R

8:00 AM - 9:30 AM
Speaker: Lillian Ravikoff

8:00 AM - 9:30 AM

Session 1F - QI and Biostats Methodology for Trainees

Speakers: Natalie Davis, Samuel Gentle

9:30 AM - 9:45 AM

Coffee Break

9:45 AM - 11:15 AM

Session 2A - Pulmonary

(Featured Faculty) Title - TBD

9:45 AM - 11:15 AM

Speaker: Samuel Gentle

Morning administration of maternal steroids enhances fetal lung maturation in preterm lambs

9:45 AM - 11:15 AM

Speaker: Jane Choi

Upregulating mitophagy inhibits lung injury of bronchopulmonary dysplasia by repressing cytoplasmic mtDNA release

9:45 AM - 11:15 AM

Speaker: Hongwei Yao

From Protector to Perpetrator: Is there a role for hyperoxia-Induced Macrophage Senescence in Neonatal Lung Disease?

9:45 AM - 11:15 AM

Speaker: Olivia Spielman

A Developmentally-Timed Senescence Program In The Mesenchyme Is Essential For Lung Alveolarization

9:45 AM - 11:15 AM

Speaker: Sorel Yimga Ouonkap

Amphiregulin across Development and Disease: Insights from Fetal Lung and Preterm Infants with BPD-PH

9:45 AM - 11:15 AM

Speaker: Phoebe May

9:45 AM - 11:15 AM

Session 2B - General Pediatrics, Community & Advocacy

Spiked Buzz: A Follow-Up Analysis of Online Attitudes Toward Caffeinated Alcoholic Beverages

9:45 AM - 11:15 AM

Speaker: Eric Wang

Snatched: An Analysis of Body Image Portrayal by Youth Fashion Brands

9:45 AM - 11:15 AM

Speaker: Grace Cason

Knowledge Attitudes and Practices of Injectable PrEP among Adolescents in the Bronx

9:45 AM - 11:15 AM

Speaker: Yomna Elfert

Glucose-6-Phosphate Dehydrogenase Screening in Infants in Two Urban Multiethnic Community Hospitals in New York City

9:45 AM - 11:15 AM

Speaker: Elif Tugce Aydin

Pediatric Cannabis Exposure Rates in Southern New Jersey: One Hospital's Experience

9:45 AM - 11:15 AM

Speaker: Vedant Parwal

Escaping the Doomscroll: Analyzing User Receptivity to Health-Messaging Videos on TikTok

9:45 AM - 11:15 AM

Speaker: Joseph Mekhail

9:45 AM - 11:15 AM

Session 2C - Public Health, Epidemiology & Outcomes

Decreasing Incidence of Neonatal Abstinence Syndrome in Infants of All Gestations.

9:45 AM - 11:15 AM
Speaker: Prabhakar Kocherlakota

Bacterial Sepsis–Related Infant Mortality in the United States 1999–2019: National Trends Risk Profiles and Demographic Disparities

9:45 AM - 11:15 AM
Speaker: Ankita Nanda

Patterns of syphilis diagnosis and treatment among maternal-infant dyads in a national sample 2018-2024

9:45 AM - 11:15 AM
Speaker: Clara Busse

A Survey of Firearm Access and Storage Documentation at Adolescent Well Visits by Pediatric Residents

9:45 AM - 11:15 AM
Speaker: Alexandra Clement

Screen-Time Exposure in Preterm Infants: A Pilot Study

9:45 AM - 11:15 AM
Speaker: Gayathri Sreenivasan

Brain-Growth Connection: Impact of Maternal Opioid Use on Neonatal Hypothalamic Changes and Anthropometric Measurements

9:45 AM - 11:15 AM
Speaker: Ana Leonard

9:45 AM - 11:15 AM

Session 2D - Hematology & Oncology

Tropomyosin 1 promotes platelet adhesion and clot contraction separate from its roles in developmental hematopoiesis

9:45 AM - 11:15 AM
Speaker: Victor Tsao

Developmental Inflammatory–Transcriptional Reprogramming Restores Enhancer States and Boosts Fetal–Neonatal Hematopoiesis from Human iPSCs

9:45 AM - 11:15 AM
Speaker: Rong Qiu

Neonatal critical illness is associated with the development of pediatric aplastic anemia

9:45 AM - 11:15 AM
Speaker: Brian Dulmovits

Single Cell Atlas Reveals Subpopulation of Platelets with Hyporeactive Traits in Preterm Blood

9:45 AM - 11:15 AM
Speaker: Carson Shalaby

Inflammation anemia and Vitamin D status determine infant thrombocytosis risk

9:45 AM - 11:15 AM
Speaker: Sahaana Rajagopalan

The Diagnostic Challenge of Iron Deficiency and Alpha Thalassemia in neonates

9:45 AM - 11:15 AM
Speaker: Harshini Chaganti

9:45 AM - 11:15 AM

Session 2E - Infectious Disease & Antibiotic Stewardship

Impact of Pharmacist-Driven Vancomycin Dosing Utilizing Area Under the Curve (AUC) Software in a Neonatal Intensive Care Unit (NICU)

9:45 AM - 11:15 AM
Speaker: Irene Kelly

Antibiotic Use Patterns in Preterm Infants: A Multicenter Cohort Study

9:45 AM - 11:15 AM
Speaker: Xuelian Wang

Preserving Tiny Guts: A QI Journey to Optimize Antibiotic Stewardship

9:45 AM - 11:15 AM
Speaker: Rupashree Mandala

Mechanism of Surfactant Protein-A (SP-A) Mediated Regulation of Toll-Like Receptors (TLRs) in Respiratory Syncytial Virus (RSV) Pathogenesis

9:45 AM - 11:15 AM
Speaker: Rupa Garikipati

Spatial multi-omics reveal human placental immune and metabolic derangements in congenital viral infection

9:45 AM - 11:15 AM
Speaker: Abin Abraham

11:20 AM - 12:20 PM

Plenary Session

Speaker: Dr. Sallie Permar

12:30 PM - 1:15 PM

Trainee Clinical Case Presentation Competition

Green Vaginal Discharge in a Late-Preterm Neonate with Massive Ascites: A Case Report

12:30 PM - 1:15 PM
Speaker: Josh Daniel

Patent Ductus Arteriosus and Mainstem Bronchus Compression in a Term Infant: Broad differential and Surgical Resolution

12:30 PM - 1:15 PM
Speaker: Christian Cano-Guerra

Unmasking the Genetic Mystery Behind an Apparent Hypoxic Ischemic Encephalopathy

12:30 PM - 1:15 PM
Speaker: Saptadweepta Sanghamitra

12:30 PM - 1:30 PM

ESPR Business Meeting

1:45 PM - 2:45 PM

Mentor of the Year

Speaker: Dr. Jill Maron

2:45 PM - 3:00 PM

Coffee Break

3:00 PM - 4:30 PM

Rising Investigator Trainee and Faculty Presentations

Protein Signaling Differences in Neonatal and Adult Platelets Helps Design Neonatal Platelet Transfusion Products

3:00 PM - 4:30 PM
Speaker: Rolf Dale Bates

Single cell atlas reveals perinatal transition physiology driving bone marrow formation

3:00 PM - 4:30 PM
Speaker: Brian Dulmovits

Developmental Transitions in Intestinal Structural Growth and Nutritional Coupling in Preterm Infants

3:00 PM - 4:30 PM
Speaker: Saharnaz Talebiyan

Cross-Species Platelet Comparison To Inform Neonatal Transfusion Practices Reveals Developmentally Regulated Metabolism and Inflammation Pathways

3:00 PM - 4:30 PM
Speaker: Christopher Thom

Laryngeal Mask as a Primary Airway Device in Neonatal Resuscitation: An Ovine Study

3:00 PM - 4:30 PM
Speaker: Srinivasan Mani

Enhancing the Nutritional Profile of Donor Human Milk Using Lyophilization

3:00 PM - 4:30 PM
Speaker: Jennifer Kaswick

4:45 PM - 6:15 PM

Session 3A - Complex Care, Care Coordination, Palliative & Ethics

(Featured Faculty) Title TBD

4:45 PM - 6:15 PM
Speaker: Ricki Carroll

Evaluating Patient and Provider Perspectives on Periviability Counseling Guidelines: A Mixed-Methods Study

4:45 PM - 6:15 PM
Speaker: Brandi Sargent

Causes of mortality in extremely low gestational age neonates in relation to social determinants of health and over time by categories of comfort care redirection of care and progressive failure despite support

4:45 PM - 6:15 PM
Speaker: Nilanjana Banerjee

Protective Association Between Mental Health Therapy and Substance Use in Patients with Congenital Heart Disease: A TriNetX® Retrospective Cohort Study

4:45 PM - 6:15 PM
Speaker: Phyo Phyo Thu

Meet and Eat: The Safety and Efficacy of Discharging NICU Infants Home with Nasogastric Tube Feeds

4:45 PM - 6:15 PM
Speaker: Katrina Hillam

Associations of greenspace with emergency department visits and readmissions among infants with bronchopulmonary dysplasia (BPD)

4:45 PM - 6:15 PM
Speaker: Rose Albert

4:45 PM - 6:15 PM

Session 3B - Bioinformatics & Technology

Readable Engaging and Possibly Artificial: An Evaluation of LLM-Generated and Human-Written Scientific Abstracts

4:45 PM - 6:15 PM

Speaker: Joseph Mekhail

AI Hallucinated My Bibliography: Examining the Accuracy and Credibility of References Generated by Large Language Models

4:45 PM - 6:15 PM

Speaker: Caroline Howard

"My Boyfriend Is AI": An Analysis of Trends in AI Companionship Usage

4:45 PM - 6:15 PM

Speaker: Talya Bagim

Using Reverse Image Search and Artificial Intelligence Technology to Identify Prescription Pills

4:45 PM - 6:15 PM

Speaker: Lillian Ravikoff

AI vs Proctor: Comparing the Detectability and Accuracy of AI-Based and Traditional Cheating Methods

4:45 PM - 6:15 PM

Speaker: Caroline Howard

Social Media Use and Alcohol Consumption Among U.S. High School Students: Insights from the 2023 YRBSS

4:45 PM - 6:15 PM

Speaker: Neel Sharma

4:45 PM - 6:15 PM

Session 3C - Neonatal Resuscitation

Optimizing Chest Compression to Ventilation Ratio During Cardiac Arrest in a Preterm Ovine Model: Should We Use a Different Ratio With Surfactant Deficiency?

4:45 PM - 6:15 PM

Speaker: Rupashree Mandala

Video-Assisted Laryngoscopy for Improving Intubation Success in Neonates

4:45 PM - 6:15 PM

Speaker: Priyanka Patel

Evaluating Femoral Occlusion as an Alternative to Epinephrine During Neonatal Cardiopulmonary Resuscitation in an Asphyxiated Term Ovine Model.

4:45 PM - 6:15 PM

Speaker: Neel Mittal

Comparison of Neonatal Tracheal Intubation Adverse Events and Severe Desaturations between Level III and Level IV NICUs in infants <1500g: A Multicenter Analysis from the NEAR4NEOS Network

4:45 PM - 6:15 PM

Speaker: Josh Daniel

Short-term Outcomes of Umbilical Cord Milking (UCM) Implementation in Non-Vigorous Late-Preterm and Term Infants

4:45 PM - 6:15 PM

Speaker: Meredith DeForest

Static and dynamic vital sign patterns predict respiratory failure requiring intubation in very low birth weight infants at 4 NICUs

4:45 PM - 6:15 PM

Speaker: Allison Horvath

4:45 PM - 6:15 PM

Session 3D - Quality Improvement & Safety

Deep Sedation with Non-invasive Ventilatory Support for Laser Therapy in Preterm Infants with Retinopathy of Prematurity: A Single-Center Experience

4:45 PM - 6:15 PM

Speaker: Elizabeth Greco

Achieving Early Vascular Access for Preterm Infants in the Golden Hour

4:45 PM - 6:15 PM

Speaker: Devanshi Shah

Improving Nirsevimab Administration before Discharge from a Level IV NICU: A Quality Improvement Study

4:45 PM - 6:15 PM

Speaker: Marissa Burd

TIME MATTERS: REDUCING UNNECESSARY ANTIBIOTIC EXPOSURE WITH A 24-HOUR EARLY-ONSET SEPSIS RULE-OUT STRATEGY

4:45 PM - 6:15 PM

Speaker: Tien Phan

Barriers and Facilitators for Vancomycin Reduction in Preterm Infants

4:45 PM - 6:15 PM

Speaker: Pooja Yerram

Increasing Interpreter Utilization for Birth Parents with a Preferred Language Other than English (PLOE) in the Delivery Room (DR)

4:45 PM - 6:15 PM

Speaker: Qais Karim

4:45 PM - 6:15 PM

Session 3E - Pediatric Emergency & Critical Care

Social Determinants of Health and Nonspecific Chest Pain in Adolescents in a Multiethnic Urban Community Hospital

4:45 PM - 6:15 PM

Speaker: Yasser Elhashash

EMS and ED Perspectives on Pediatric Handoffs in the Emergency Department

4:45 PM - 6:15 PM

Speaker: Jack Crowley

Parental Use of Online Health Information Prior to Emergency Department Visits: Implications for Equitable Healthcare and Family Decision-Making

4:45 PM - 6:15 PM

Speaker: Irena Komninakas

Promoting Gun Safety for Children and Families in a Newark Community through the Pediatric Emergency Department

4:45 PM - 6:15 PM

Speaker: Irene Lieu

Utility of Chest Radiographs in Asthmatic Children Aged 2-12 Years Assessed by Pediatric Asthma Severity Score in a Multiethnic Community Hospital Emergency Department

4:45 PM - 6:15 PM

Speaker: Ankita Gogineni

A Critical Appraisal of Intranasal Diazepam in Pediatric Seizure Clusters Compared with Rectal Diazepam

4:45 PM - 6:15 PM

Speaker: Jaya Shankar Sai Kumar Kimidi

6:30 PM - 8:00 PM

Welcome Reception

6:30 PM - 8:00 PM

Poster Session II

Evaluating Differences Between Pediatric And Adult Clinical Ethics Consultations

6:30 PM - 8:00 PM

Speaker: Claire Brock

Equitable Increase in Skin-to-Skin in ELBW and VLBW Infants Including on High Frequency Jet Ventilator - A Quality Improvement Initiative

6:30 PM - 8:00 PM

Speaker: Eytan Rasekh

Hyperoxia-Induced Liver Injury: Elucidating Underlying Molecular Pathways in Newborn Rat Model

6:30 PM - 8:00 PM

Speaker: Mane Sargsyan

Harnessing large language models for literature synthesis and prognostic variable discovery in intraventricular hemorrhage

6:30 PM - 8:00 PM

Speaker: Tanima Arora

Evaluating Direct Admission as an Efficient Alternative to ED Admission for Neonatal Hyperbilirubinemia: A Community Hospital Experience

6:30 PM - 8:00 PM

Speaker: Sanjana Sachdeva

Neonatal Outcomes after Intrahepatic Cholestasis of Pregnancy in an Ethnically High-Risk Maternal Population

6:30 PM - 8:00 PM

Speaker: Pushwinder kaur

Beyond Anemia: Epogen Therapy and Improved Feeding Outcomes in Preterm Infants

6:30 PM - 8:00 PM

Speaker: Akila Mary Antony

Nurses' Perspectives on Kangaroo Care

6:30 PM - 8:00 PM

Speaker: Isabella Massey

Pill Talk: Caregiver Insights into Non-Contraceptive Uses of the Pill

6:30 PM - 8:00 PM

Speaker: Sanjana Taneja

Racial Ethnic and Socioeconomic Disparities in Acne Management In An Urban Pediatric Primary Care Clinic: A Retrospective Cohort Study

6:30 PM - 8:00 PM

Speaker: Akshaya Sekar

Comparing Pediatric Respiratory Assessment Measure (PRAM) and Pediatric Asthma Severity Score (PASS) in Children Aged 2-12 Years with Viral-Induced Wheezing in a Multiethnic Community Hospital

6:30 PM - 8:00 PM

Speaker: Amir Ehsani

Too Many Tests Too Little Impact: Diagnostic Overuse in Pediatric Status Asthmaticus

6:30 PM - 8:00 PM

Speaker: Ankita Nanda

Sociodemographic Predictors of Positive Social Determinants of Health Screening in a

Pediatric Inpatient Population

6:30 PM - 8:00 PM
Speaker: Namritha Nayak

Advancing Adolescent Mental Health and Substance Use Screening in Primary Care

6:30 PM - 8:00 PM
Speaker: Namritha Nayak

Abstract- Physician perception of intranasal epinephrine (Neffy) in anaphylaxis.

6:30 PM - 8:00 PM
Speaker: Sudheer kumar Muppalla

Effect of Body Mass Index on Electrocardiogram in Children Aged 2-7 Years with Still's Murmur in a Multiethnic Community Hospital

6:30 PM - 8:00 PM
Speaker: Yasser Elhashash

Exploring Internet Gaming Disorder Symptoms in Youth Through Analysis of Public Forum Posts

6:30 PM - 8:00 PM
Speaker: Samuel Kraus

Psychosocial Distress in Male Adolescents with Penis Size Concerns

6:30 PM - 8:00 PM
Speaker: Samuel Kraus

Coinfection of Respiratory Viruses and Group A Streptococcus in Pediatric Population in an Urban Multiethnic Community Hospital

6:30 PM - 8:00 PM
Speaker: Sana Amreen Shaikh

Utility of Electrocardiogram and Echocardiogram in Youth with Syncope in a Multiethnic Community Hospital

6:30 PM - 8:00 PM
Speaker: Abdul Rahman

Pediatric Bruising Scale in Children with physical trauma in an Two Urban Community Hospital Pediatric Emergency Department

6:30 PM - 8:00 PM
Speaker: Munam Sami

Nutrition Label Literacy and Body Mass Index Among Adolescents in an Urban Community

6:30 PM - 8:00 PM
Speaker: Ashleigh Glowacki

Antibiotic Use Among Hospitalized Children With Status Asthmaticus: A Community Hospital Experience

6:30 PM - 8:00 PM
Speaker: Carl Julien

Weight Constipation and Urinary Tract Infection in Children Aged 3-12 Years in a Multiethnic Community Hospital

6:30 PM - 8:00 PM
Speaker: Jessica Joseph

Understanding Engagement in Care Among Youth with Childhood-onset Systemic Lupus in the Bronx

6:30 PM - 8:00 PM
Speaker: Sheza Suleman

What's With All the Noise: Examining Public Perception of Colored Noise

6:30 PM - 8:00 PM
Speaker: Jack Brenner

Exploring the Association Between Autism Spectrum Disorder and Atopic Disease: A Focus on Allergic Rhinitis and Asthma

6:30 PM - 8:00 PM
Speaker: Naresa Ramjohn

Small Reminders Big Impact: A QI Initiative to Reduce Missed Pediatric Appointments

6:30 PM - 8:00 PM
Speaker: Aaska Patel

Trends in High-Risk Obesity Diabetes Blood Pressure and Cholesterol Among U.S. Children and Adolescents: A NHANES Analysis

6:30 PM - 8:00 PM
Speaker: Julia Viveiros

Chronicling the Ketamine: An Analysis of Trends in Ketamine-Related TikToks from 2023-2025

6:30 PM - 8:00 PM
Speaker: Grace Cason

Bridging the Gap: Enhancing International Medical Graduates' Onboarding and Transition Through a Web-Based Manual in a Pediatric Residency Program

6:30 PM - 8:00 PM
Speaker: Oluwabusayomi Ayantoyinbo

EHR Integration of a NICU Emergency Code Sheet Is Associated With Improved Usability and Safety

6:30 PM - 8:00 PM
Speaker: Alex Ruan

Leveraging Usability Testing to Optimize Clinical Decision Support Tools to Improve Appropriate Antimicrobial Prescribing for Acute Respiratory Tract Infections in Children

6:30 PM - 8:00 PM
Speaker: Emma Kelly

How Does ChatGPT-4.0 Compare to Open Evidence in Case-Based Pediatric Hospital Medicine?

6:30 PM - 8:00 PM
Speaker: Ece Yilmaz

Cheating the Baseline: Exploring Reliability and Manipulation in Remote Baseline Concussion Testing

6:30 PM - 8:00 PM
Speaker: Joseph Mekhail

Impact of Racial and Ethnic Disparities on Neonatal Encephalopathy and Outcomes in Infants ≥ 35 Weeks' Gestation

6:30 PM - 8:00 PM
Speaker: Sonia Chandi

Transitioning from NICU to Home: Understanding the Evolution of Postpartum Depression in Birthing Parents of Preterm Infants

6:30 PM - 8:00 PM
Speaker: Rachael Villari

Effects of Social and Environmental Factors on Growth in Opioid-Exposed Infants

6:30 PM - 8:00 PM
Speaker: Nika Renshaw

Serum Matrix Metalloproteinase-7 (MMP-7) Levels in Preterm Infants without Biliary Atresia

6:30 PM - 8:00 PM
Speaker: Cindy Zou

Associations between Self-Reported Stress Resilience and Employment in Early Pregnancy

6:30 PM - 8:00 PM
Speaker: Leo Velosa

Genetic Variants Associated with Persistent Pulmonary Hypertension of Newborn: A Systematic Review

6:30 PM - 8:00 PM
Speaker: Srinivasan Mani

Antibiotic Stewardship in VLBW Newborns

6:30 PM - 8:00 PM
Speaker: Ishani Mehta

Improving parent confidence after CPR training at NICU discharge

6:30 PM - 8:00 PM
Speaker: Zarish Malik

The effect of postpartum care in the NICU (PeliCaN) on maternal health related quality of life

6:30 PM - 8:00 PM
Speaker: Adina Harris

Multi-Center Randomized Control Trial: Comparison of a Novel Scoring Method with Finnegan Score in the Treatment of Infants with Neonatal Abstinence Syndrome.

6:30 PM - 8:00 PM
Speaker: Prabhakar Kocherlakota

Evaluating overuse of NICU for hypothermia

6:30 PM - 8:00 PM
Speaker: Julie Cooper

Effects of Preconceptual and Prenatal Stress on Auditory Cortex Development in a Rat Model.

6:30 PM - 8:00 PM
Speaker: Josephine Miller

Beyond the Threshold: Maternal Glucose Values and Adverse Neonatal Outcomes in the Absence of a Gestational Diabetes Mellitus Diagnosis

6:30 PM - 8:00 PM
Speaker: Reshma Silas

The Impact of Virtual Reality Sessions on Decreasing Stress Experienced by NICU Parents

6:30 PM - 8:00 PM
Speaker: Deepa Krishnan

Acute Kidney Injury in Neonates with Late-Onset Sepsis: A Single-Center Study

6:30 PM - 8:00 PM
Speaker: Mary Kirstyleigh Ann Lim

Sounds Decisions: Lung Ultrasound Scores as Predictors of PDA treatment in Preterm Infants

6:30 PM - 8:00 PM
Speaker: Ami Patel

Developmental Outcomes in Opioid-exposed Neonates Based on the Need for Pharmacotherapy

6:30 PM - 8:00 PM
Speaker: Nandita Meharwal

Acute Kidney Injury and Recurrent Acute Kidney Injury in Preterm Neonates

6:30 PM - 8:00 PM
Speaker: Jordan Nelson

Correlation between near-infrared spectroscopy (NIRS) and lactate levels in neonates on coarctation watch: A prospective observational study

6:30 PM - 8:00 PM

Speaker: Margaret Christian

Are There Differences in the Need for Treatment of Retinopathy of Prematurity Based on Race or Gender?

6:30 PM - 8:00 PM

Speaker: Andrew Garfield

Implementing a Targeted Neonatal Heart POCUS Program in the NICU

6:30 PM - 8:00 PM

Speaker: Sripriya Sundararajan

Necrotizing Enterocolitis in Twins: 4-group Placental Pathology Comparison

6:30 PM - 8:00 PM

Speaker: Cecilia Ampem-Darko

An Observational Pilot Crossover Study Evaluating and Comparing Edi Metrics in Continuous Positive Airway Pressure and High Velocity Nasal Cannula

6:30 PM - 8:00 PM

Speaker: Natalia Mavrogiannis

Accuracy of commonly used formulas for placement of umbilical venous catheters in the newborn compared to ultrasound measurement

6:30 PM - 8:00 PM

Speaker: Chelsey Bithell

Utility of First Blood Gas as a Predictor of Duration of Respiratory Support in Preterm Neonates Born < 32 Weeks in an Urban Multiethnic Community Hospital

6:30 PM - 8:00 PM

Speaker: Bilal Manzoor

Timing of EI Enrollment and its effects on Neurodevelopment Outcomes

6:30 PM - 8:00 PM

Speaker: Kimberly Dang

Two Year Neurodevelopmental Outcomes of children Exposed to Opioids In-utero and post Delivery Compared to In-utero Exposure Only

6:30 PM - 8:00 PM

Speaker: Helen Pazmino-Nunez

Effect of Sulforaphane and Deferoxamine on Alveolar Bleeding and Macrophage Markers in a Glycerol-Induced Premature Rabbit Model of Intraventricular Hemorrhage

6:30 PM - 8:00 PM

Speaker: Sohan Shah

Patterns of Free Amino Acids in Early Human Milk Relate to Growth at Discharge in Term and Preterm Infants

6:30 PM - 8:00 PM

Speaker: Meaghan Molloy

Rates of Mother's Own Milk at NICU Discharge and Follow-Up Among LATCH and non-LATCH participants

6:30 PM - 8:00 PM

Speaker: Briana Barns

Impact of Early Human Milk Derived Diet on Allergic Disease Development in Neonates Exposed to Acid Suppressive Therapy

6:30 PM - 8:00 PM

Speaker: Nishani Ekanayake

Tracking Oral Feeding Development in Premature Infants Using Neoneur Feeding System

6:30 PM - 8:00 PM

Speaker: Justine Pirozzi

Measuring Feeding in Preterm Infants: Clinical Assessment Versus Neoneur Feeding System

6:30 PM - 8:00 PM

Speaker: Justine Pirozzi

Effects of Maternal Diet on Human Milk Composition

6:30 PM - 8:00 PM

Speaker: Claire Gallibois

Acceptability of Donor Human Milk among mothers at a Community Hospital

6:30 PM - 8:00 PM

Speaker: Priyanka Arya

Quality Improvement Project to Improve Breastfeeding Rates on Discharge from the NICU for Infants <33 Weeks

6:30 PM - 8:00 PM

Speaker: Elizabeth Hammond

Impact of Hypoglycemia on Exclusive Breastfeeding Rates Among Late Preterm Infants in the Newborn Nursery

6:30 PM - 8:00 PM

Speaker: Emily Kong

Effectiveness of the Implementation of Postoperative Feeding Guidelines for Infants with Congenital Heart Disease

6:30 PM - 8:00 PM

Speaker: Kate A. Tauber

Quality Improvement Initiative to Increase Prenatal Lactation Counseling

6:30 PM - 8:00 PM
Speaker: Emily Wheeler

The Prebiotic Promise: Gap Between Marketing Claims and Nutritional Reality in Children's Food Products

6:30 PM - 8:00 PM
Speaker: Jack Brenner

Quality of AI-Generated Responses on Pediatric Celiac Disease: Comparative Assessment of Open AI ChatGPT and Google Gemini

6:30 PM - 8:00 PM
Speaker: Miri Goodman

Subcapsular Hematoma of liver following malpositioned UVC in a preterm neonate

6:30 PM - 8:00 PM
Speaker: Sujit Shrestha

A rare case of concurrent duodenal atresia malrotation anorectal malformation with rectourethral fistula associated with a chromosomal disorder in a preterm infant

6:30 PM - 8:00 PM
Speaker: Shahajahan Kadage

"A Hidden Challenge": A Case Report of a Neck Mass in a Preterm Infant: A case report.

6:30 PM - 8:00 PM
Speaker: Marco Nunez Ramos

Rare Congenital Cystic Renal Dysplasia Presenting as a Large Abdominal Mass in a Newborn

6:30 PM - 8:00 PM
Speaker: Basant Hamed

Donor-derived cell-free DNA trends in a kidney transplant recipient with multiple rejection episodes resulting in a graft loss

6:30 PM - 8:00 PM
Speakers: Angelo Bargnesi, Xiaoyan Wu

Prenatal Diagnosis of Ductal Closure: Management and Treatment

6:30 PM - 8:00 PM
Speaker: Casey Sciandra

Persistent microcytic anemia with splenomegaly of unclear etiology

6:30 PM - 8:00 PM
Speaker: Rafat Ahmed

Septic Pylephlebitis Following Perforated Appendicitis in a Child: A Rare but Serious Postoperative Complication

6:30 PM - 8:00 PM
Speaker: Ishita Mishra

An Unusual Presentation of Pediatric Inflammatory Bowel Disease with Steroid-Refractory Course

6:30 PM - 8:00 PM
Speaker: Adanna Ibeku

Pediatric Lymphangiomas of the Extremities and Chest: Two Case Reports Highlighting Infection Risk

6:30 PM - 8:00 PM
Speaker: Farah Pineda Lagos

Median Arcuate Ligament Syndrome in an Adolescent Male

6:30 PM - 8:00 PM
Speaker: Meenakshi Ganesh

An Unusual Presentation of PJP Pneumonia and AIDS in an 11 Month Old with Negative Perinatal HIV Testing

6:30 PM - 8:00 PM
Speaker: Ainhua Jayo Castrillo

Severe Neonatal Anemia from Massive Fetomaternal Hemorrhage Following Vanishing Twin Pregnancy

6:30 PM - 8:00 PM
Speaker: Ahmed Bayoumy

Small Patient Big Immune Response: Autoimmune Hepatitis Before Two

6:30 PM - 8:00 PM
Speaker: Alyssa Kyle

When refeeding syndrome isn't the answer: a case of hypophosphatemia in anorexia nervosa

6:30 PM - 8:00 PM
Speaker: Hayley Goldner

Keratitis-Ichthyosis-Deafness Syndrome in a Preterm Infant: Multisystem Presentation and Genetic Diagnosis

6:30 PM - 8:00 PM
Speaker: Chikadibia Agoha

From the Yard to the ICU: Chlorophyllum molybdites-Induced Hypovolemic Shock

6:30 PM - 8:00 PM
Speaker: Ece Yilmaz

Umbilical Venous Catheter-Related Hepatic Injury Presenting as Chylous Ascites in a Preterm Infant

6:30 PM - 8:00 PM
Speaker: Daniel Min

Rapidly Progressive Neurological Decline in a Neonate: A Case of Non-Ketotic Hyperglycinemia Encephalopathy

6:30 PM - 8:00 PM
Speaker: Eytan Rasekh

Unintentional Pediatric Cannabis Exposure: Exploring Storage Practices

6:30 PM - 8:00 PM
Speaker: Rebecca Templeton

Improving Neurologic Monitoring through aEEG Implementation in a Level IV NICU

6:30 PM - 8:00 PM
Speaker: Samantha Kay-Green

Sunday, March 15, 2026

7:00 AM - 8:00 AM

Continental Breakfast

7:30 AM - 12:00 PM

Registration

8:00 AM - 9:00 AM

Top Poster Symposium

Factors influencing mother's own milk availability for preterm infants

8:00 AM - 9:00 AM
Speaker: Sophia Currie

Differences in End-of-life Care Outcomes for Infants Born to non-English Language Preference Families in the Neonatal Intensive Care Unit

8:00 AM - 9:00 AM
Speaker: Aubri Pritchett

Novel Classification of Prenatal Stress: Economic vs. Social Stressors in relation to Preconception Care Intention to Breast Feed and Birth Outcomes

8:00 AM - 9:00 AM
Speaker: Elissa Dunlap

Provider Understanding And Openness to Biologic Use in Treating Asthma.

8:00 AM - 9:00 AM
Speaker: Bakhtawar A. Ali

Neonates with Esophageal Atresia Demonstrate Poor Growth Despite Significant Caloric Intake

8:00 AM - 9:00 AM
Speaker: Pearl Houghteling

The Impact of a Novel Code Cart with Visual Aids on Efficiency in Advanced Neonatal Resuscitation

8:00 AM - 9:00 AM
Speaker: Tashalee McGrath-Blagrove

Comparison of SMOFlipid and Intralipid Emulsions on Retinopathy of Prematurity in Preterm Infants

8:00 AM - 9:00 AM
Speaker: Theresa Murphy

Lift First Ask Questions Later: Weightlifting Safety Behaviors in Adolescents on Instagram

8:00 AM - 9:00 AM
Speaker: Evan Goodman

Multidrug-resistant organism (MDRO) colonization rates during a sustained antibiotic stewardship program in a Level IV NICU

8:00 AM - 9:00 AM
Speaker: Lochana Kc

Identifying Modifiable Risk Factors for Surgical Site Infections in Infants following Cardiothoracic Surgery

8:00 AM - 9:00 AM
Speaker: Sofia Shirley

9:15 AM - 10:45 AM

Session 4A - Feeding & Nutrition

(Featured Faculty) Molecular and Structural Effects of Prenatal Opioid Exposure on Infant Feeding and Growth

9:15 AM - 10:45 AM
Speaker: Elizabeth Yen

Can the Composition of the Neonatal Gut Microbiome Predict Necrotizing Enterocolitis?

9:15 AM - 10:45 AM
Speaker: Heather Croy

Case Series: Delayed Feeding Maturation as Identified by Neoneur Feeding System

9:15 AM - 10:45 AM
Speaker: Justine Pirozzi

Difference in outcome in early versus late fortification of human breast milk in very preterm/ very low birth weight infants: A single center retrospective study

9:15 AM - 10:45 AM
Speaker: Salma Sadaf

Comparison of Short Versus Long Courses of Erythropoietin Therapy in Preterm Infants in the NICU

9:15 AM - 10:45 AM
Speaker: Sevde Alptekin

Effects of Maternal Opioid Use on Offspring Gut Metabolomic Composition: A Pilot Study

9:15 AM - 10:45 AM
Speaker: Elisabeth Romero

9:15 AM - 10:45 AM

Session 4B - Neonatal QI

Implementation of a Multicenter EHR Rounding Checklist Tool Supporting Neonatal Quality Improvement and Safety

9:15 AM - 10:45 AM
Speaker: Alex Ruan

Improving First-Attempt Success of Neonatal Lumbar Puncture Through Ultrasound Guidance: A Quality Improvement Initiative

9:15 AM - 10:45 AM
Speaker: Ioanna Kotsopoulou

Reducing PIVIE in the NICU: 6 Years of Improvement and Sustainability

9:15 AM - 10:45 AM
Speaker: Sonia Chandi

Enhancing NICU Discharge Processes: A Quality Improvement Approach to Earlier Discharges by 11 am

9:15 AM - 10:45 AM
Speaker: Shruti Gupta

Decreasing Early Hypoglycemia in Preterm Infants

9:15 AM - 10:45 AM
Speaker: Devanshi Shah

A Quality Improvement Initiative to Reduce Diuretic Use in Premature Infants with Evolving or Established Bronchopulmonary Dysplasia in a Level IV NICU.

9:15 AM - 10:45 AM
Speaker: Adedapo Kiladejo

9:15 AM - 10:45 AM

Session 4C - Respiratory Care & Physiology

Reduction of Postoperative Tracheostomy Related Pressure Injuries in a Level IV NICU and PICU

9:15 AM - 10:45 AM
Speaker: Vilmaris Quinones Cardona

Systemic corticosteroid exposure after discharge from the neonatal intensive care unit (NICU) and asthma diagnosis among infants with bronchopulmonary dysplasia (BPD)

9:15 AM - 10:45 AM
Speaker: Hasina Chimeka-Tisdale

Respiratory Indices In Healthy Term And Late Preterm Newborns: A Pilot Study

9:15 AM - 10:45 AM
Speaker: Brandon Costello

Lung Ultrasound Score as an Indicator of Pulmonary Edema Severity in the Setting of a Hemodynamically Significant Patent Ductus Arteriosus in Extremely Premature Infants

9:15 AM - 10:45 AM
Speaker: Ashley Reeves

Investigating the role of the NK cell clock in mediating optimal host response and lung repair following Influenza A virus infection

9:15 AM - 10:45 AM
Speaker: Jane Choi

CYP2E1-Dependent Mechanisms Of Acetaminophen Induced Senescence And SASP Activation In A Lung Epithelial Cell Line

9:15 AM - 10:45 AM
Speaker: Shravani Dhawane

9:15 AM - 10:45 AM

Session 4D - Neuroscience & Neurodevelopment

Extra-uterine Growth Restriction and Adolescent Brain Volumetrics in Infants born Extremely Preterm

9:15 AM - 10:45 AM

Speaker: Elaine Wang

Responses to Ibuprofen after Neonatal Hypoxic-Ischemic Brain Injury Vary by Genetic Background

9:15 AM - 10:45 AM

Speaker: Jacqueline Lewis

Contrast-Enhanced Head Ultrasound (ceHUS) of the Brain in Neonates: Clinical Utility and Impact on Management

9:15 AM - 10:45 AM

Speaker: Christian Cano-Guerra

Posthemorrhagic Vascular injury and recovery after Stem Cell administration for Germinal Matrix (GM) Intraventricular Hemorrhage (IVH)

9:15 AM - 10:45 AM

Speaker: Adila Chamavaliyathil

In vivo proteasome activation using small molecules for human disease therapeutics

9:15 AM - 10:45 AM

Speaker: Danay Fernandez

9:15 AM - 10:45 AM

Session 4E - Infectious Diseases & Immunology

Spatially-Resolved Metabolic Dysregulation in the Brain During Sepsis-Associated Encephalopathy

9:15 AM - 10:45 AM

Speaker: Nora Wolff

Chronic Metabolic Stress in Renal Tissue of Murine Adult Survivors of Recurrent Neonatal Sepsis

9:15 AM - 10:45 AM

Speaker: Sana Shamshad

Cross-species biomarkers of cerebellar injury in acute sepsis: integrated metabolomics of mouse cerebellum and plasma identify conserved human plasma biomarkers and therapeutic modulation by human MSC-sEVs

9:15 AM - 10:45 AM

Speaker: Dylan Crawford

Investigating Group B Streptococcus Serotype-Specific Responses to Intestinal Physiological Stress

9:15 AM - 10:45 AM

Speaker: Mary Caroline Hagan

Heme-oxygenase-1 (HO-1) dysregulation ignites unique differential and persistent oxidative microenvironment in brain microglia after perinatal CHORIO in adults

9:15 AM - 10:45 AM

Speaker: Maide Ozen

Impact of Candida Bloodstream/Meningitis Infections on Mortality in the first 21 days Among Neonatal Intensive Care Unit Patients

9:15 AM - 10:45 AM

Speaker: David A. Kaufman

10:45 AM - 11:00 AM

Coffee Break

11:00 AM - 12:15 PM

Plenary Panel Discussion & Awards

Speakers: Dr. Michael Farias, Dr. Kathleen Gibbs, Dr. Matthew Laughon, Dr. Philip Levy

12:15 PM - 12:30 PM

Break

12:30 PM - 1:30 PM

Pediatric Nutrition Interest Group Panel Discussion and Luncheon