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# Event Agenda

Eastern Society for Pediatric Research (ESPR) 2026 Annual Conference

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## 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 Ayantoyinbo

**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

**Improving Neurologic Monitoring through aEEG Implementation in a Level IV NICU**

6:00 PM - 8:00 PM

Speaker: Samantha Kay-Green

**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: Ainhwa Jayo Castrillo

**An Unexpected Finding in a Surviving Twin**

6:00 PM - 8:00 PM

Speaker: Millie Kothari

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**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: Nicholas Davis

**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

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

9:45 AM - 11:15 AM

Speaker: Shravani Dhawane

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

9:45 AM - 11:15 AM

Speaker: Sorel Yimga Ouonkap

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: Saptadweepa 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: Nicholas Davis

#### **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  $\geq 35$  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: Agnelo 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

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**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

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

9:15 AM - 10:45 AM  
Speaker: Phoebe May

**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

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**