The Department of Pediatrics of Northwestern University Feinberg School of Medicine and Ann & Robert H. Lurie Children’s Hospital of Chicago

Presentations at the Pediatric Academic Societies Meeting

May 6–9, 2017
Moscone West Convention Center, San Francisco, CA

Ann & Robert H. Lurie Children’s Hospital of Chicago
Northwestern Medicine

Stanley Manne
Children’s Research Institute
Lurie Children’s is one of the top pediatric hospitals in the nation and the largest pediatric specialty provider in the Chicago region, with 1,446 physicians and allied professionals in 70 pediatric specialties.

The Department of Pediatrics at Northwestern University Feinberg School of Medicine and Ann & Robert H. Lurie Children’s Hospital of Chicago, in collaboration with Stanley Manne Children’s Research Institute, is dedicated to understanding and promoting optimal child health and function. Manne Institute is a designated Feinberg School research center for its central role in the university's integrated research program. We value excellence and innovation in clinical and basic research, coordinated and comprehensive patient care, ongoing physician education and soundly-based child advocacy.

Our more than 500 pediatric faculty members cultivate a collaborative environment with their colleagues and other pediatricians around the country and the world in an effort to advance their specialties. Some of that collaborative work is represented by workshops, symposia, invited science presentations, clubs, platform presentations and oral presentations that some of our faculty will be participating in as chairs, co-chairs, moderators, leaders, co-leaders or presenters at the Pediatric Academic Societies (PAS) Meeting at the Moscone West Convention Center in San Francisco, CA from May 6–9, 2017.

SATURDAY, MAY 6

10:30 a.m. Platform Presentation

Session: GP: Social Determinents of Health I
Universal Screening for Toxic Stress During Well-Child Visits: The Addressing Social Key (ASK) Questions for Health Study

Presenter: Kavitha Selvaraj, MD, MAEd

10:30 a.m. Platform Presentation

Session: Developmental/Behavioral Pediatrics:
Screening & Assessment
Screening for Delayed Early Literacy Skills in Preschool Children

Presenter: Sai Iyer, MD
Authors: Iyer S, Do D, Tibbs M, Hattrup K, Malcame V, Akshoomoff N, Berger SP, Gahagan S, Needlman R

11:30 a.m.–1 p.m. Perinatal Nutrition and Metabolism Club

The Placental, Maternal and Neonatal Microbiome: Effects on Neonatal Outcomes and Disease

Co-chairs: Laura Brown, MD; Kara Calkins, MD; Daniel T. Robinson, MD

3–5 p.m. Platform Presentations

Session: Emergency Medicine I
Effects of Fluid Infusion Rate and Sodium Content on Acute and Long-term Neurological Outcomes of Pediatric Diabetic Ketoacidosis (DKA): The Pediatric Emergency Care Applied Research Network (PECARN) Fluid Therapies Under Investigation in DKA (PECARN FLUID) Trial

Presenter: Nathan Kuppermann, MD, MPH

Estimating the Rise of Shock in ED Pediatric Patients with Suspected Sepsis: Derivation of a Prediction Rule Using the PERSEVERE Biomarkers

Presenter: Fran Balamuth MD, PhD
Authors: Balamuth F, Alpern ER, Wong H

Brusing Clinical Decision Rule (BCDR) Discriminates Physical Child Abuse from Accidental Trauma in Young Children

Presenter: Mary Clyde Pierce, MD
Join us...

at the Ann & Robert H. Lurie Children’s Hospital of Chicago/ Northwestern University Feinberg School of Medicine Alumni Reception on Saturday, May 6, 2017 from 6 to 9 p.m. at the Hilton San Francisco Union Square in Continental Parlor 4.

Please RSVP by Friday, April 21, 2017 to Vanessa Williams at vawilliams@luriechildrens.org.

SUNDAY, MAY 7

8:15 a.m. Platform Presentation

Session: Children with Special Health Care Needs I
Healthcare Costs Associated with use of Respiratory Medical Equipment and Supplies in Children
Presenter: Jay Berry, MD, MPH

8–10 a.m. Platform Presentation

Session: Emergency Medicine II
Pediatric Emergency Department Use of Intranasal Fentanyl to Treat Pain in Children with Sickle Cell Disease and Its Impact on Discharge Rates: A Multicenter Perspective
Presenter: Claudia Morris, MD

10:30 a.m.–12:30 p.m. Platform Presentation

Urgent Care Reliance in the Medicaid Population
Presenter: Amanda Montalbano, MD, MPH
Authors: Burns RR, Montalbano A, Rodean J, Canares T, Kangas J, Lee B, Hall M, Alpern E

12–3 p.m. PEM Special Interest Group Workshop

Pediatric Sepsis: Where are We Now and Where are We Going?
PEDM SIG Co-Chairs and Moderators: Elizabeth R. Alpern, MD, MSCE; Jennifer Marin, MD, MSc
Presenters: Fran Balamuth, MD, PhD; Marcus Friedrich, MD, MBA; Charles Macias, MD; Raina M. Paul, MD; Halden Scott, MD; Scott Weiss, MD

10:30 a.m.–12:30 p.m. Symposium

Transforming the Way Pediatrics Approaches Parenting to Improve Child Health Outcomes: Evidence from Attachment Theory and Research
Chair and Speaker: Susan P. Berger, PhD
Talks: 10:30–10:40 a.m. The Interface between Primary Care Pediatric and Early Parent-Child Attachment: An Introduction to the Symposium
11-11:20 a.m. Infant Feeding and Attachment: A Pathway to (or away from) Early Obesity

3:05 p.m. Platform Presentation

Session: AAP Presidential Plenary
News They Could Use: Data-driven Public Affairs to Reduce Underage Drinking at a Music Festival
Speaker: Nina Alfiere, MD
Authors: Alfiere N, Pesch JA, Smith TL, Sheehan K, Tanz RR
MONDAY, MAY 8

8–10 a.m. Platform Presentation

Session: Hypertension
Does History of Prematurity Prompt Blood Pressure (BP) Evaluations at Primary Care Visits?
Presenter: Laura Banks, MD
Authors: Banks L, Finer G, Bolaños L, Ariza A, Kornfeld B

8–10 a.m. Original Science Platform Presentations

Session: Developmental/Behavioral Pediatrics —Parenting
Chair/Moderator: Susan P. Berger, PhD

8–10 a.m. Platform Presentation

Session: Neonatal GI Physiology & NEC
Prolyl Hydroxylase Domain Enzyme Inhibition Preserves the Intestinal Microvasculature via Vascular Endothelial Growth Factor Receptor 2 Signaling in Neonatal Mice
Presenter: Rakhee Bowker, MD
Authors: Bowker R, Yan X, Managlia E, Tan XD, De Plaen IG

8:30–11:30 a.m. Workshop

Learning to Put Out Fires: An Interactive Training in Conflict Resolution for Pediatric Providers, Trainees and Educators
Co-Leaders: Irini N. Kolaitis, MD; Adam D. Wolfe, MD; Sarah F. Denniston, MD; Erin Paquette, MD, JD, MBe

9:15–9:35 a.m. Invited Science Presentation

Session: Outpatient Antimicrobial Stewardship: Needs and New Directions
Antibiotic Report Cards in the Emergency Department Setting
Presenter: Elizabeth R. Alpern MD, MSCE

9:45 a.m. Platform Presentation

Session: Infectious Diseases II
Caution Needed: Molecular Diagnosis of Pediatric Group A Streptococcal Pharyngitis
Presenter: Robert R. Tanz, MD
Authors: Tanz RR, Zheng XT. Carter DM, Steele MC, Shulman ST

10:30 a.m.–12:30 p.m. Platform Presentation

NICU Practices & Procedures
Withdrawal of Life-Sustaining Therapy (WLST) Among Infants with Hypoxic-Ischemic Encephalopathy in the Era of Cooling: A Report from the Children's Hospitals Neonatal Consortium (CHNC)
Presenter: Girija Natarajan, MD

1–1:15 p.m. Platform Presentation

Session: Child Abuse and Neglect: State of the Art
An Analysis of the Impact of Age Threshold on the Performance of a Bruising Clinical Decision Rule (BCDR) for Discriminating Physical Abuse from Accidental Trauma in Infants 0–12 Months of Age
Presenter: Kim Kaczor
Authors: Kaczor K, Pierce MC, Lorenz DJ, Makoroff K, Jenny C, Hymel K, Herman B

1–3 p.m. Platform Presentation

Session: Child Abuse and Neglect: State of the Art
The Role of Male Caregivers and Childcare Consistency in Child Physical Abuse
Presenter: Amanda K. Fingarson, DO
Authors: Fingarson AK, Pierce MC, Kaczor K, Lorenz DJ

3:30–5:30 p.m. Workshop

How do I Improve as a Teacher? Peer Coaching May Be the Answer!
Co-facilitators: Meredith Bone, MD, MSCI; Karen Marcadante, MD; Tara Petersen, MD; Katherine Mason, MD

3:30–5:30 p.m. Platform Presentation

Session: Health Services Research III: Access and Utilization
Urgent Care Utilization in the Pediatric Medicaid Population
Presenter: Amanda Montalbano, MD, MPH
Authors: Montalbano A, Rodean J, Canares T, Burns RR, Kangas J, Lee B, Alpern ER, Hall M

4 p.m. Platform Presentation

Session: QI: NICU and Newborn
Unsafe Despite a Culture of Safety: Sleep Environments of Hospitalized Infants
Presenter: Colleen M. Badke, MD, MPH
Authors: Badke CM, Sanguino SM, Unti SM, Tanz RR
TUESDAY, MAY 9

9:30–11:30 a.m. Workshop

Not Another Boring Lecture: Interactive Methods to Engage Your Learners!
Co-facilitators: Dana A. Schinasi, MD; Stephen Cico, MD, MEd; Michele Carney, MD; Melissa Skaugset, MD; Sarah Tomlinson, MD; Jocelyn Schiller, MD

9:30 a.m.–12:30 p.m. Workshop

Changing Provider Behavior: Is it really that Hard?
Leader: Sangeeta Schroeder, MD
Co-Leaders: Robert Greenberg, MD; Erin O. Harvey, MD

9:30 a.m.–12:30 p.m. Education Workshop

Accelerating Medical Education Scholarship: From Idea to Publication
Leader: Jean Petershack, MD
Co-Leaders: Margarita Vasquez, MD; Caroline Paul, MD; Janet Fishe, PhD; Su-Ting Li, MD, MPH; Janet Serwint, MD; Erika Abramson, MD; Patricia Hicks, MD, MHPE; Meghan Treitz, MD; Tai Lockspeiser, MD, MHPE; Mary E. Rocha, MD; Heather McPhillips, MD; Jennifer L. Trainor, MD; Amy Quinn, MD

12:15–2:15 p.m. Platform Presentation

Session: Medical Education
Reach Out and Read Earlier! Implementing the Reach Out and Read Model Beginning in the Newborn Period in a Pediatric Residency Clinic
Presenter: Anna-Miller Fitzwater, MD
Authors: Miller-Fitzwater A, Poehling K, Glusman M, Gallagher K

1:45–2 p.m. Invited Science Presentation

Session: The Shifting Paradigm of Early Allergen Introduction for the Prevention of Food Allergy
Early Introduction: The Approach for the General Pediatrician
Presenter: Ruchi S. Gupta, MD, MPH

1 p.m. Platform Presentation

Session: Neonatal Epi, Health Service Research
Treatment for Neonatal Abstinence Syndrome with Methadone was Associated with a Shorter Length of Stay vs. Treatment with Morphine in Large, National, Multi-center Cohort of Infants
Presenter: Veeral Tolia, MD
Authors: Tolia V, Murthy K, Bennett M, Benjamin DK, Smith B, Clark RH

Disclaimer: Dates, times, authors and presenters listed are to the best of our knowledge at time of printing and were compiled prior to a detailed schedule being released by PAS. Please refer to the official PAS schedule for final dates, times, locations and full author lists.

Lurie Children’s/Northwestern faculty, residents, fellows and staff also have nearly 60 abstracts accepted as poster presentations in the following sessions/categories:

Saturday, May 6 • 1–4 p.m.
Emergency Medicine
Medical Education
Nephrology
Neonatal/Infant Resuscitation
Neonatal Infectious Diseases/Immunology
Neonatal Pulmonology
Vulnerable and Underserved Populations

Sunday, May 7 • 4:15–7:30 p.m.
Allergy & Immunology and Rheumatology
Clinical Bioethics
Developmental Behavioral Pediatrics
Hospital Medicine
Human Milk or Breastfeeding

Monday, May 8 • 4:15–7:30 p.m.
Cardiac and Pulmonary Development
Child Abuse and Neglect
Emergency Medicine
General Pediatrics and Preventive Pediatrics
Neonatal Neurology
PICU/NICU Quality Improvement

Tuesday, May 9 • 7–10 a.m.
Emergency Medicine
Epidemiology – Perinatology
Genetics/Inborn Errors of Metabolism
Health Services Research
Injury
Neonatal Epidemiology
Neonatal/Infant Resuscitation
Neurology
Public Health and Prevention
Pulmonary Vascular Biology
QI – Hospital-Based Improvement
CONTRIBUTING FACULTY

Faculty listed below are chairs, co-chairs, moderators, leaders or co-leaders for symposia or workshops, speakers in symposia or workshops, or presenters of platform or oral presentations.

Elizabeth R. Alpern MD, MSCE
Associate Division Head and Director of Research, Division of Emergency Medicine, Ann & Robert H. Lurie Children’s Hospital of Chicago
Professor of Pediatrics, Northwestern University Feinberg School of Medicine

Susan P. Berger, PhD
Director of Training in Developmental/Behavioral Pediatrics, Division of Academic General Pediatrics and Primary Care, Ann & Robert H. Lurie Children’s Hospital of Chicago
Associate Professor of Pediatrics and Psychiatry and Behavioral Sciences, Northwestern University Feinberg School of Medicine

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The Department of Pediatrics of Northwestern University Feinberg School of Medicine and Ann & Robert H. Lurie Children’s Hospital of Chicago

Poster Presentations at the Pediatric Academic Societies Meeting

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SATURDAY, MAY 6 – 1–4 p.m.

Session: Emergency Medicine: Pain


Session: General Pediatrics & Preventive Pediatrics: Social Determinants

Session: Global Pediatric Research Poster Cluster 1

Session: Medical Education Cluster 1: Burnout and Resilience
Resident burnout and fatigue: Still tired after all these years. Groothuis E, Koressel LR, Sanguino SM, Unti SM, Tanz RR.

Intern burnout, stress, and resiliency: Misery has company. Koressel LR, Groothuis E, Sanguino SM, Unti SM, Tanz RR.

Session: Medical Education Cluster 2: Clinical
Let’s be objective: Developing and testing a model Performance checklist for conflict resolution. Kolatsis IN, Paquette ET.

Session: Medical Education Cluster 5: Technology

Session: Medical Education Cluster 6: Feedback and Assessment
Assessing and improving performance of graduating Medical students in a communication-focused Entrustable Professional Activity (EPA). Trainer JL, Thome L, Salezian DB, Wayne DB, Adler M.

Session: Neonatal Infectious Diseases/Immunology: Bacterial Infections and Sepsis II
Antenatal screening for Group B Streptococcus in the Setting of preterm premature rupture of membranes: Empiric versus culture-based prophylaxis. Shah NJ, Romanova A, Miller ES, Mithal LB.

Session: Neonatal/Infant Resuscitation Cluster 3
Changes to delivery room practice and outcomes following the new NRP Meconium Aspiration Guidelines. Myers P, Gupta A.

Session: Neonatal Pulmonology Cluster 5

Session: Nephrology I Glomerular

Session: Vulnerable & Underserved Populations: Poverty/Resources/ Social Determinants
Mapping clinic sites, poverty, and community resources: A tool for improving access to reach out and read for Chicago’s neediest kids. Bhatti PK, Youssuf S, Glusman M.

SUNDAY, MAY 7 – 4:15–7:30 p.m.

Session: Allergy & Immunology & Rheumatology Cluster 1
School-based food allergy policies: Assessing attitudes, beliefs, and barriers to implementation. Dyer AA, Smith BM, Gupta RS.

Timing of inclusion of allergenic foods during infancy: Knowledge, attitudes and practices of us pediatricians. Warren CM, Walkner M, Gupta RS.

Session: Clinical Bioethics Cluster 2
Resident pessimism about ventilated infants in the NICU. Myers P, Andrews B, Redd L, Bilbao JA, Meadow W.


Session: Developmental Behavioral Pediatrics: Autism 1
SUNDAY, MAY 7 – 4:15–7:30 p.m.

Session: Developmental / Behavioral Pediatrics: Chronic Illness, Genetics, & Developmental Disabilities
Developmental challenges are associated with preschool quality of life in high-risk children. deRegnier RA.

Session: Hospital Medicine Cluster 1
Effects of a bronchiolitis clinical care pathway on frequency of critical assessment team calls & transfers to the pediatric intensive care unit. Brooks J, Schroeder S, Katsogridakis Y.

Session: Hospital Medicine Cluster 4
Varying perspectives on preventability of pediatric Readmissions within 3 days. Rodriguez V, Goodman D, Bayldon BW, Budin L, Michelson K, Schroeder S.

Session: Human Milk or Breastfeeding Cluster 3: Donor Milk
Donor milk use and associated infant growth at mowbray maternity hospital in Cape Town, South Africa. Sparks H, Linley L, Beaumont J, Robinson D.

Session: Medical Education Poster Cluster 7
Multi-site study assessing pediatric resident knowledge and skills addressing Unmet Social Needs (USN) and Adverse Childhood Experiences (ACE). Morales E, Galeano X, Tarazi C, Pederson J, Selvaraj K, Bayldon BW, Scotellaro M, Osta A, Laurent S.

Session: Neonatal Medicine: Clinical Trials Poster Cluster 1
Hematopoietic Progenitor and Mesenchymal Stem Cells in Premature Infants: A Prospective Clinical Trial of Umbilical Cord Blood and Tissue Banking. Mestan K, Saqibuddin J, Girard KF, Kraus M, Chaudhury S.

MONDAY, MAY 8 – 4:15–7:30 p.m.

Session: Cardiac & Pulmonary Development Cluster 1

Session: Child Abuse and Neglect

Session: Emergency Medicine


Session: Emergency Medicine: Asthma/Allergy

Session: Emergency Medicine: Febrile Infants


Session: Emergency Medicine: Public Health


Session: Emergency Medicine: Sepsis
Gene expression profiles differentiate bacterial vs. viral source pathogen in children with suspected sepsis. Balamuth F, Alpern ER, Lautenbach E, Himes BE.

Session: General Pediatrics & Preventive Pediatrics: Nutrition/Obesity
Docs, parents, babies, and guidelines: Who’s confused about nipples? Petzel AE, Tanz RR.

Health Services Research Poster Cluster 5

Session: Neonatal Neurology: EEG, aEEG, & Seizures

Session: Neonatal Neurology: Potpourri

Session: PICU/NICU Quality Improvement & NICU Prevention Services
Pulling the line: Identification of targeted interventions for timely central line removals. Schroeder S.
TUESDAY, MAY 9 – 7–10 a.m.

Session: Health Services Research Poster Cluster 2
Children in Managed Care: Diverging Trends from 2005-2014 between Public and Private Insurance. Kan K, Peltz A, Li B, Bilaver LA, Davis MM.

Session: Emergency Medicine: Toxicology
Utility of urine toxicology screens in adolescents with alcohol intoxication. Hurst I, Roben E, Adler M.

Session: Epidemiology – Perinatology Cluster
African-American women’s residence in redlined neighborhoods and SGA rates. Suprenant S, Rankin KM, Pham T, Collins JW.

Regional differences in term infant mortality rates due to congenital heart disease. Juber B, Rankin KM, Collins JW.


Session: Genetics/Inborn Errors of Metabolism Cluster 1
Variant classification conflict amongst genes subject to reporting of secondary findings. Chaudhari B, et al.

Session: Health Services Research

Session: Injury Cluster 1
Lollapalooza longitudinally: An annual binge drinking epidemic. Alfieri N, Smith TL, Tanz RR.


Alcohol in homicide victims aged 15-24 years. Middelberg L, Sheehan K, Mason M, McLone S.

Cook county youth suicides in the Illinois Violent Death Reporting System. Quimby E, McLone S, Mason M, Sheehan K.

Session: Neonatal Epidemiology, Health Services Research Cluster 1
Paternal socioeconomic position and small for gestational age rates: Father’s matter! Enstad S, Collins JW, Rankin KM.

Session: Neonatal Epidemiology, Health Services Research Cluster 2

Session: Neonatal Epidemiology, Health Services Research Cluster 4
White women’s downward economic mobility and infant mortality: A hidden health inequity. Coligan JY, Collins JW, Rankin KM.

Session: Neonatal Epidemiology, Health Services Research Cluster 5

Session: Neonatal/Infant Resuscitation Cluster 4
End of life care in Regional Level IV Neonatal Intensive Care Units (NICUs): Infants of older gestational ages are more likely to die without CPR. Fry J, et al.

Session: Neurology Cluster 10
Severity of disease accounts for early mortality difference between inborn and outborn infants treated with therapeutic hypothermia for neonatal encephalopathy. Khan JY, Dookeran KA, Ritacco DG.

Analysis of factors predictive of abnormal MRI in infants with hypoxic-ischemic encephalopathy treated with hypothermia. Khan JY, Dookeran KA, Ritacco DG.

Session: Public Health & Prevention Cluster 6: Novel Considerations

Session: Pulmonary Vascular Biology Cluster

miR-17–92 cluster hypotype insufficiency alters alveolar and pulmonary-vascular development in newborn mice. Robbins M, Cardona HJ, Taylor JM, Tipple T, Rogers L, Farrow KN.

Session: QI - Hospital-Based Improvement Potpourri II
National and local trends in intravenous acetaminophen use in pediatric hospitals. Lucey K, Garfield C.

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Bold names indicate current Lurie Children’s/Northwestern faculty, residents, fellows and staff.