



Posters

UPMC Children's and University of Pittsburgh School of Medicine names are bolded.

Friday, April 28

5:15-7:15PM ET

- [Application Of The EMR-Integrated Pittsburgh Infant Brain Injury Score \(PIBIS\) To Improve Clinical Care In The Emergency Department](#)
 - **Srinivasan Suresh, Rachel Berger, Brielle Stanton Skotnicki, and Emily Heineman**
 - UPMC Presenting Author: **Srinivasan Suresh**
- [Predictors of Reporting to Child Protective Services Prior to Expert Consultation](#)
 - Danielle Zamalin, Irene Hamlin, Justine Shults, Kristine A. Campbell, James Anderst, Katherine Henry, Lori D. Frasier, Daniel M. Lindberg, John Donald Melville, Megan M. Letson, **Rachel Berger**, Angela Bachim, Nancy S. Harper, Joanne Wood
- [The Use of Skeletal Surveys of Child Abuse Pediatricians: Age is Key](#)
 - **Caitlin McNamara, Emily Heineman, Adelaide Eichman, Jennifer Wolford, Matthew E. Valente, Maria C. Antonucci, Carmen M. Coombs, Hannah B. Sahud, Rachel P. Berger, Jennifer S. Clarke**
 - UPMC Presenting Author: **Caitlin McNamara**
- [Who is Behind the Gown?: Investigating Physical Comfort and Emotional Distress Related to Inpatient Attire Among Children with Cancer](#)
 - **Christy M. Lucas, Molly C. Mack, Maura Miglioretti, Scott Maurer**
 - UPMC Presenting Author: **Christy M. Lucas**
- [Impact of a digital sepsis recognition and management bundle at a children's hospital: an embedded stepped wedge cluster design](#)
 - **Warren M. Taylor, Gabriella A. Butler, Adrienne Marcinick, Sheila Hahner, Johanna R. Rosen, Idris Evans, Zac Aldewereld, Joseph Carcillo, Robert Clark, Srinivasan Suresh, Christopher Horvat**
- [Parent perceptions of primary care, interpersonal communication, and trust in providers by parent race, ethnicity, and payer](#)
 - **Courtney Judkins, Barbara Fuhrman, Elizabeth Miller, Kristin Ray, Emilie H. Delestienne**
 - UPMC Presenting Author: **Courtney Judkins**

- [A randomized controlled trial comparing the effectiveness of a novel central line securement device to traditional securement methods in pediatric patients](#)
 - **Ryan St. Pierre-Hetz**, Isaac Kravatz, Christian P. Dresser, **Kimberly Ackerman**, **Cercone Angelica**, **Jacob Hackett**, **Jeffrey A. Rudolph**, **Mioara Manole**
 - UPMC Presenting Author: Ryan St. Pierre-Hetz

- [Biomarkers for pediatric bacterial musculoskeletal infections in Lyme disease endemic regions](#)
 - Caroline G. Kahane, Lise E. Nigrovic, Anupam B. Kharbanda, **Desiree Noel Wagner**, Amy D. Thompson, Fran Balamuth, Laura L. Chapman, Michael Levas, John Branda, Mark Kellogg, Michael Monuteaux, Todd W. Lyons

- [Changes in Bronchiolitis Incidence and Ventilation Practices in 2020-22 Compared with 2010-2019](#)
 - Jonathan H. Pelletier, Ryan Nofziger, Christopher Page-Goertz, Bryan P. McKee, James Besunder, Brittany Potts, **Christopher Horvat**, Michael L. Forbes

- [Consistent ventilator management for infants with congenital diaphragmatic hernia improves outcomes](#)
 - **Katrin Lichtsinn**, **Paul Waltz**, **Joseph T. Church**, **Abeer Azzuqa**, **Jennifer Troutman**, **Jacqueline Graham**, **Burhan Mahmood**
 - UPMC Presenting Author: **Katrin Lichtsinn**

- [Current Patterns of Probiotic Use in Neonatal Intensive Care Units: A Multi-Institution Survey](#)
 - Morcos Hanna, Irfan Ahmad, Jae H. Kim, Kaashif A. Ahmad, Amy B. Hair, **Toby Yanowitz**, Kristina Reber, Muralidhar Premkumar

- [Factors Associated with Utilization of Rehabilitation Services Following a Pediatric Traumatic Brain Injury: Systematic Review](#)
 - **Pallavi Muluk**, **Lauren M. Kaseman**, Aboli A. Kesbhat, **Jessica M. Jarvis**, **Amery Treble-Barna**
 - UPMC Presenting Author: **Pallavi Muluk**

- [Oxygen Desaturations Are Associated with Elevated Lipid Peroxidation Products in Premature Neonates](#)
 - Thomas M. Raffay, Juliann Di Fiore, Zhengyi Chen, Ángel Sánchez-Illana, Maximo Vento, José David Piñeiro-Ramos, Julia Kuligowski, Richard Martin, **Curtis Tatsuoka**, Nori M. Minich, Peter M. MacFarlane, Anna Maria Hibbs

- [Platelet Decreases During Continuous Kidney Replacement Therapy Initiation and Outcomes: Analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease \(WE-ROCK\)](#)

- Abby M. Basalely, Natalja L. Stanski, **Dana Fuhrman**, JANGDONG SEO, Nicholas Ollberding, Katja M. Gist, Shina Menon
- [Tending Towards Positive: Cognitive Coping Strategies For Caregivers of Children with Medical Complexity](#)
 - **Mikhaila N. Layshock, Justin Yu, Lydia McLachlan**
 - UPMC Presenting Author: **Mikhaila N. Layshock**

Saturday, April 29

- [Predicting Engagement in Early Intervention: Results from the Smart Beginnings RCT](#)
 - **Leah Hunter, Katherine L. Guyon-Harris, Daniel Shaw**, Elizabeth B. Miller, Pamela Morris-Perez, Alan L. Mendelsohn
 - UPMC Presenting Author: **Katherine L. Guyon-Harris**
- [Epidemiology, Trends, and Healthcare Burden of Post-Transplant Lymphoproliferative Disorder among Pediatric Recipients of Solid Organ or Hematopoietic Stem Cell Transplant](#)
 - **Thrisha Kalpatthi, Meghan C. McCormick, James Zullo, Louis B. Rapkin**, all of UPMC Children's Hospital
 - UPMC Presenting Author: **Thrisha Kalpatthi**
- [Evaluating a Longitudinal Clinical Reasoning Curriculum for Pediatric Residents](#)
 - James P. Bowen, **Molly C. Mack**, Molly K. Marshall, **Jacob R. White, Catherine Polak**, Joanna Thomson
- [Addressing Adolescent Relationship Abuse in a Pediatric Emergency Department: Intervention Mapping Using Community Collaborators](#)
 - Lenore R. Jarvis, **Elizabeth Miller**, Eden Efrem, Summer Khalefa, James Chamberlain, Monika Goyal, Pam Hinds
- [A Modified Observational Approach to Infants Born to Mothers with Chorioamnionitis Reduces Antibiotic Exposure and NICU Admission](#)
 - **Cynthia S. Liang, Armand Sebastian, Chris McKennan, Briana Bertoni, Thomas A. Hooven, Kathleen Schwabenbauer, Toby Yanowitz, Brian King**, Mary Z. Kish, UPMC Magee Womens Hospital
 - UPMC Presenting Author: **Cynthia S. Liang**
- [A Critical Care De-Escalation Curriculum Increases Trainee Comfort with Caring for Patients Transferred from the PICU to the Acute Care Floor](#)
 - **Eleanor A. Sharp, Catherine Polak, Matthew E. Valente, Jessica Garrison**
 - UPMC Presenting Author: **Eleanor A. Sharp**

- [Antibiotic Prophylaxis Practices and Outcomes in Children with Genitourinary Anomalies](#)
 - Sowdhamini S. Wallace, **Catherine S. Forster**, Rana F. Hamdy, Pearl Chang, Stephanie Davis-Rodriguez, Victor Trevisanut, Sanyukta Desai, John M. Morrison, Patrick W. Brady, Cynthia Abou Zeid, Vijaya M. Vemulakonda

- [Association between gender and compensation among pediatric hospital medicine physicians](#)
 - **Catherine S. Forster**, Chen Chen, Jessica M. Allan, Jessica Gold, **Catherine Polak**, Lauren Barone, Holly S. Ruch-Ross, Bin Huang, H. Barrett Fromme, Juliann Kim, Amanda Schondelmeyer
 - UPMC Presenting Author: **Catherine S. Forster**

- [Characteristics and Outcomes of Continuous Renal Replacement Therapy in Pediatric Sepsis: A Report from Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease \(WE-ROCK\)](#)
 - Natalja L. Stanski, Denise Hasson, Erin K. Stenson, Katja M. Gist, JANGDONG SEO, **Dana Fuhrman**

- [Characteristics Associated with Retention in a Rural Area Among Early- and Mid-Career Pediatricians](#)
 - Elizabeth A. Gottschlich, Mary Pat Frintner, **Kristin Ray**, Lynn M. Olson

- [Contemporary Enterovirus-D68 Infects Human Spinal Cord Organoids](#)
 - **Megan C. Freeman**, **Gabrielle Aguglia**, Carolyn Coyne, **Terence Dermody**, **John V. Williams**
 - UPMC Presenting Author: **Megan Culler Freeman**

- [Determinants of Time to Discharge in Patients with Type C, Esophageal Atresia/Tracheoesophageal Fistula \(EA/TEF\)](#)
 - Ankur Datta, Karna Murthy, Carl Coghill, Srikumar Nair, Baddr A. Shakhsheer, Loren Berman, Shawn St. Peter, Jose Diaz-Miron, Con Yee Y. Ling, THERESA R. GROVER, Nicole T. de Silva, Ruth B. Seabrook, Ahmed Osman, Amy J. Baca, Vedanta S. Dariya, Patricia W. Denning, **Abeer Azzuqa**, Brenda Anani, Michael A. Padula, Molly Pont, Jessica Jakubowicz, Grant J. Shafer, Erin Hamilton Spence, Matthew Clifton, Yigit Guner, Christine Finck, Nikola K. Puffinbarger, JACQUELYN R. Evans

- [Work-Life Integration for Women in Pediatric Emergency Medicine: A Cross-Sectional Analysis](#)
 - **Brielle Stanton. Skotnicki**, Paria M. Wilson, **Traci M. Kazmerski**, **Mioara Manole**, **Janet Kinnane**, **Maren M. Lunoe**
 - UPMC Presenting Author: Brielle **Stanton Skotnicki**

- [Dosing Variation in CRRT prescription in Neonates and infants weighing less than 10 kg: An analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease \(WE-ROCK\)](#)

- Shina Menon, Michaela Collins, Mihaela Damian, **Dana Fuhrman**, Michelle C. Starr, Tennille Webb, Kelli A. Krallman, Nicholas Ollberding, Huaiyu Zang, Katja M. Gist
- [Evaluation of Thrombocytopenia prior to Continuous Kidney Replacement Therapy Initiation: Analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease \(WE-ROCK\)](#)
 - Abby M. Basalely, Natalja L. Stanski, **Dana Fuhrman**, JANGDONG SEO, Nicholas Ollberding, Katja M. Gist, Shina Menon
- [Health-Related Quality of Life Among Children with Genetic Conditions and Their Families: A Scoping Review](#)
 - Hadley S. Smith, Madison R. Hickingbotham, Raymond Belanger Deloge, Anne Schuster, Fatima M. Khan, **Janel Hanmer**
- [Hemostatic Changes After Initiating Pediatric Continuous Renal Replacement Therapy](#)
 - Xiaoman Yu, Amir H. Navaei, **Dana Fuhrman**, Ayse Akcan Arikan, Sameer Thadani
- [Massive Transfusion in pediatric patients on extracorporeal membrane oxygenation: a secondary analysis of the massive transfusion in children \(MATIC\) study](#)
 - Emily Hargrave, Rohali Keesari, **Christine M. Leeper**, Julie C. Leonard, Cassandra Josephson, Marie E. Steiner, **Philip C. Spinella**, Jennifer A. Muszynski
- [Pediatric Emergency Medicine \(PEM\) Fellows Experiences with Critical Event Debriefing: A National Cross-Sectional Analysis](#)
 - Alexandria Georgadarellis, **Brielle Stanton Skotnicki**, Melissa L. Langhan, Danielle Graff, Shiva Zargham
- [Profiles of Early Childhood Adversity in an Urban Pediatric Clinic: Implications for Pediatric Primary Care](#)
 - **Katherine L. Guyon-Harris**, Sarah D. Ronis, Kimberly Burkhart, Mary Gabriel, Jessica L. Riggs, Alissa Huth-Bocks
 - UPMC Presenting Author: Katherine L. Guyon-Harris
- [The Stage of Placental Inflammation Is Associated with Early Onset Sepsis and Maternal Clinical Chorioamnionitis in Full Term Neonates](#)
 - **Jessica Messier, Toby Yanowitz**
 - UPMC Presenting Author: Jessica Messier
- [Salivary Sampling as a Noninvasive Method of Monitoring Gentamicin Levels in Neonates](#)
 - Theresa M. Urbina, Blake T. Cirks, Jennifer M. Bencze, Henry Goetzman, Brian J. Reinhardt, **Nicole R. Dobson**, Jeffrey Livezey

Sunday, April 30

- [A Qualitative Study of Physician Trainee Experiences with Pregnancy and Parenthood](#)
 - **Sophia Rifkin, Maia Taft, Benjamin G. Miller, Traci M. Kazmerski, Eleanor A. Sharp**
 - UPMC Presenting Author: **Sophia Rifkin**

- [Perceived discrimination, experiences of trauma, and psychological functioning among juvenile court-involved youth](#)
 - **Nicholas Szoko, Breana Franklin, Ebonie R. Slade, Barbara Fuhrman, Courtney Murphy, Elizabeth Miller,** Kimberly Booth
 - UPMC Presenting Author: **Nicholas Szoko**

- [Adult perceptions of youths' attitudes toward violence and peer delinquency and youth-reported violence experiences](#)
 - **Nicholas Szoko, Alexander T. Riley, Tyia Wilson, Alison Culyba**
 - UPMC Presenting Author: **Nick Szoko**

- [Asynchronous Learning Modalities to Enhance High-Acuity Clinical Education: A Randomized Study](#)
 - Chloë E. Nunneley, **Margaret Lewen,** Michael T. Stratton, Steven Staffa, Traci Wolbrink

- [Clinical variables associated with ECMO use and non-survival in infants with CDH](#)
 - **Katrin Lichtsinn, Paul Waltz, Joseph T. Church, Abeer Azzuqa, Jennifer Troutman, Jacqueline Graham, Burhan Mahmood**
 - UPMC Presenting Author: **Katrin Lichtsinn**

- [Development of the Diagnosis-to-Impairment Types Algorithm and Youth with Disabilities](#)
 - Alyna Chien, Sarah J. Spence, Megumi J. Okumura, Sifan Lu, Christina H. Chan, **Amy Houtrow,** Dennis Kuo, Jeanne Van Cleave, Susan Shanske, Mark Schuster, Karen Kuhlthau, Sara Toomey

- [Impact of Medical Improvisation Training on Medical Students' Experience with Communication on Clinical Rotations](#)
 - Stephanie K. Kukora,; Brittany K. Batell, Brian J. Zikmund-Fisher, **Christopher Thompson,** Nithin Ravi, Patricia B. Mullan

- [Parent perceptions of telemedicine for acute pediatric care](#)
 - **Sarah K. Burns, Janel Hanmer, Tamar Krishnamurti, Tran Doan, Kelsey Schweiberger, Alejandro Hoberman, Jeremy M. Kahn, Kristin Ray**
 - UPMC Presenting Author: **Sarah K. Burns**

- [Pediatric Asthma Exacerbations – ED Return Visit Risk Factors](#)
 - Alexandra Kain, Ricardo A. Aguilar, Theodore Heyming, **Chloe Knudsen-Robbins,** Sunil Kamath, Louis Ehwerhemuepha, Peyman Hosseinzadeh Kassani

- [Pilot pragmatic clinical trial of oral iron therapy in children with chronic kidney disease \(FeTCh-CKD\): initial findings](#)
 - Kanza Baqai, Akeem Noziere, Katie Hootman, Diane Liu; Anuradha Gajjar, **Juhi Kumar**, Eduardo M. Perelstein, Babette S. Zemel, Amy Kogon, Susan L. Furth, Oleh Akchurin
- [Prevalence and Associations of Metabolic Acidosis in Pediatric Participants with Glomerular Disease in the NEPTUNE and CureGN Cohorts](#)
 - Stella Kilduff, Frederick J. Kaskel, Denver Brown, Michal Melamed, Debbie S. Gipson, Sean Eddy, Yujie Wang, **Juhi Kumar**, Matthew Abramowitz, Kimberly J. Reidy
- [The emotional tone of child descriptions during pregnancy among people in recovery from opioid use disorder and potential implications for postnatal parenting](#)
 - **Katherine L. Guyon-Harris**, Regan Carell, **Montia D. Brock**, Alissa Huth-Bocks,
 - UPMC Presenting Author: **Katherine L. Guyon-Harris**

Monday, May 1

- [Feasibility of contraception counseling and prescribing among adolescents in the pediatric emergency department](#)
 - Melissa K. Miller, Amber N. Adams, Stephani Stancil, Vincent Staggs, Tara Ketterer, Kathy Goggin, Jacqueline Kopaygorodsky, **Elizabeth Miller**, Cynthia Mollen
- [Breastmilk antibodies after primary vs. booster mRNA COVID-19 vaccination during pregnancy or postpartum](#)
 - FLOR M. MUNOZ, Cristina Cardemil, Christine M. Posavad, Barbra A. Richardson, Martina L. Badell, **Bunge Katherine**, Mark Mulligan, Lalitha Parameswaran, Courtney Olson-Chen, Richard Novak, Rebecca C. Brady, Marcela Pasetti, Emily DeFranco, Jeffrey S. Gerber, Mallory C. Shriver, Mehul S. Suthar, Kathryn M. Moore, Rhea N. Coler, Bryan J.. Berube, So Hee Kim, Jeanna M. Piper, Kathleen M. Neuzil, **Richard Beigi**, Clifton W. Kelly
- [Variability in Hemodynamic Support Practices for Infants with Congenital Diaphragmatic Hernia \(CDH\) across the Children's Hospital Neonatal Consortium \(CHNC\)](#)
 - Vedanta S. Dariya, Sharada H. Gowda, Baylor College of Medicine, Abhishek Makkar, Ruth B. Seabrook, **Burhan Mahmood**
- [Evaluation of Risks for Early-Onset Sepsis in Preterm Neonates Born After Preterm Premature Rupture of Membranes \(PPROM\)](#)
 - **Alexandria Sasaki**, **Danielle Browning**, **Eva Fandozzi**, **Anne-Marie Rick**, **Megli Christina**
 - UPMC Presenting Author: **Alexandria Sasaki**
- [Long-term cardiopulmonary effects of ante- and post-natal dexamethasone in adult mice](#)

- **Julie Dillard**, Emily X. Royse, Noah Hillman
- UPMC Presenting Author: **Julie Dillard**

- [MaP Natural History Study: Clinical and Biomarker Findings in Methylmalonic Acidemia Due to Mut Deficiency](#)
 - Manuel Schiff, Bernd Schwahn, Brigitte Chabrol, J Lawrence Merritt, **Jerry Vockley**, Hilary Vernon, Gerard T. Berry, Saikat Santra, Chung Lee, Dwight Koeberl, Hong li, Barbara K. Burton, Javier De las Heras, George A. Diaz, Mariana Faria-Urbina, Junxiang Luo, Husain Z. Attarwala, Vanja Sikirica, Min Liang, Lin Guey, Christine Lukacs, Paolo GV. martini, Ruchira Glaser, Nuria Carrillo

- [MaP Natural History Study: Clinical and Biomarker Findings in Propionic Acidemia](#)
 - Bernd Schwahn, Gerard T. Berry, Saikat Santra, Hilary Vernon, Hong li, J Lawrence Merritt, Manuel Schiff, Brigitte Chabrol, Javier De las Heras, **Jerry Vockley**, Chung Lee, Dwight Koeberl, Barbara K. Burton, Stephanie Grunewald, George A. Diaz, Can Ficicioglu, Junxiang Luo, Husain Z. Attarwala, Vanja Sikirica, Min Liang, Lin Guey, Christine Lukacs, Paolo GV. martini, Ruchira Glaser, Nuria Carrillo

- [Nox4 gene deletion in AT2 cells protects against hyperoxia- induced neonatal bronchopulmonary dysplasia \(BPD\) in the murine model.](#)
 - Tara Sudhadevi, **Prathima Basa**, Alison Ha, Mehrdad Zarei, Yutong Shang, Jordan M. Winter, Jason A. A Mears, Xin Qi, Viswanathan Natarajan, Anantha Harijith

- [Pediatric Disaster Medicine literature: A scoping review](#)
 - Yae Sul Jeong, Cullen Clark, Sarita Chung, Nathan Timm, Christopher M. Wright, Brandon Kappy, **Elizabeth Hewett Brumberg**, Eric Goralnick, April Parish, Susi Miller, Caroline Q. Stephens, Rachel Stanley

- [Primary vs. booster COVID-19 mRNA immunization during pregnancy or postpartum: Durability of immune responses in mothers and infants](#)
 - FLOR M. MUNOZ, Cristina Cardemil, Christine M. Posavad, Barbra A. Richardson, Martina L. Badell, **Bunge Katherine**, Mark Mulligan, Lalitha Parameswaran, Courtney Olson-Chen, University of Rochester School of Medicine and Dentistry, Rochester, NY, United States; Richard Novak, Rebecca C. Brady, Marcela Pasetti, Emily DeFranco, Jeffrey S. Gerber, Mallory C. Shriver, Mehul S. Suthar, Kathryn M. Moore, Rhea N. Coler, Bryan J. Berube, So Hee Kim, Jeanna M. Piper, Kathleen M. Neuzil, **Richard Beigi**, Clifton W. Kelly

- [Quality Improvement Project – Improving Accuracy of Blood Pressure Measurement in the Inpatient Children’s Hospital Setting](#)
 - **Alexis V. Hyczko**, Zeva Graf, Michael A. Freeman, Hannah Kim

- [Risk Factors for UTI Caused by ESBL-Producing Organisms in Children with Anomalies of the Urinary Tract](#)
 - Maria O. Valenzuela-Almada, **Catherine S. Forster**, Sowdhamini S. Wallace, Stephanie Davis-Rodriguez, Pearl Chang, Sanyukta Desai, Michael J. Tchou, John M. Morrison, Vijaya M. Vemulakonda, Patrick W. Brady, Rana F. Hamdy

- [Plasma Serotonergic Biomarkers are Associated with Hypoxemia Events in Preterm Neonates](#)
 - Peter M. MacFarlane, Richard J. Martin, Juliann Di Fiore, Thomas M. Raffay, **Curtis Tatsuoka**, Zhengyi Chen, Nori M. Minich, Guillermo Quintas, Ángel Sánchez-Illana, Julia Kuligowski, José David Piñeiro-Ramos, Maximo Vento, Anna Maria Hibbs