

2022 PAS PRESENTATIONS

by Children's Mercy Kansas City and
University of Kansas Medical Center Faculty

April 21-25, 2022 | Denver

 **Children's Mercy**
ADELE HALL CAMPUS

Children's Mercy
KANSAS CITY

Thursday, April 21

Friday, April 22

Saturday, April 23

Sunday, April 24

Monday, April 25



2022 PAS PRESENTATIONS

by Children's Mercy Kansas City and
University of Kansas Medical Center Faculty

April 21-25, 2022

Thursday, April 21 FELLOWS CONFERENCE

Using Social Media to Communicate

Author/Presenter: Kathryn Kyler, MD – Pediatric Hospital Medicine, Children's Mercy Kansas City; and Michael Tchou, MD, MSc – Children's Hospital Colorado

Session Name: AGP Fellows Meeting
Time, Date: 2:40 p.m., Thursday, April 21
Presentation Time: 2:40 p.m.
Location, Room: Sheraton: Governor's Square 12
Session Type: PAS Fellows Conference

Friday, April 22 ORAL ABSTRACTS

Nephrology 1: Clinical Science

Moderator/Discussant: Darcy Weidemann, MD, MHS – Nephrology, Children's Mercy Kansas City; and Julie Ingelfinger

Time, Date: 6:15 – 7:45 p.m., Friday, April 22
Presentation Time: 6:15 – 7:45 p.m.
Location, Room: Convention Center 708/710/712
Session Type: Oral Abstract
Course #: 595

Relationship Between Metabolomics and Height in Pediatric Chronic Kidney Disease

Author/Presenter: Amy Kogon, MD, MPH – University of Pennsylvania

Co-Author(s): Bradley Warady, MD – Nephrology, Children's Mercy Kansas City

Session Name: Nephrology I: Clinical Science
Time, Date: 6:45 – 7 p.m., Friday, April 22
Presentation Time: 6:45 – 7 p.m.
Session Type: Oral Abstract
Publication #: 1174776

Friday, April 22 POSTER SESSIONS

Development, Implementation and Evaluation of a Simulation Based Educational Curriculum for Pediatric Hospitalists

Author/Presenter: Lisa Carney, MD – Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Kayla Heller, MD; Matt Hall, PhD; and Chris Kennedy, MD

Session Name: Medical Education 13 – Medical Education: Simulation & Technology I
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1164779

Urine Eicosanoids as Biomarkers in Children with Solitary Kidney (SK)

Author/Presenter: Tarak Srivastava, MD – Nephrology, Children's Mercy Kansas City

Session Name: Nephrology IV: Potpourri
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1166624

>> Poster Session Continued

Friday, April 22

POSTER SESSIONS Continued

Adapting a Brief Adolescent Relationship Abuse Intervention for the Emergency Department: Youth, Parent, and Staff Perspectives

Author/Presenter: Kimberly Randell, MD, MSc – Emergency Medicine, Children’s Mercy Kansas City

Co-Author(s): Melissa K. Miller, MD, MPH; Lauren Arney, MD; Megan Cunningham, MD; Ashlyn Lipnicky (KU); Ann Davis, PhD, MPH (KU); Elizabeth Miller, MD, PhD; and Megha Ramaswamy, PhD (KU)

Session Name: Emergency Medicine I
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1170423

Youth Perspectives on Caregiver Notification After Disclosure of Adolescent Relationship Abuse

Author/Presenter: Kimberly Randell, MD, MSc – Emergency Medicine, Children’s Mercy Kansas City

Co-Author(s): Melissa K. Miller, MD, MPH; Megha Ramaswamy, PhD (KU); Maya Ragavan, MD, MSCR, MPH; Ann Davis, PhD, MPH (KU); Romina Barral, MD, MS-CR; Neha Potta; Carlos Guzman (KU); Kendra Sibert; and Elizabeth Miller, MD, PhD

Session Name: Adolescent Medicine II
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1170484

Facilitators and Barriers to Using Entrustable Professional Activities in Pediatric Fellowships

Author/Presenter: Angela S. Czaja, MD, PhD – University of Colorado School of Medicine

Co-Author(s): R Mink, DA Turner, ML Curran, BE Herman, Angela Myers, MD, MPH; DE Stafford, P Weiss, and ML Langhan

Session Name: Medical Education 10 – Medical Education: Fellow I
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1176674

Health Disparities in Antibiotic Choice in Pediatric Urgent Cares Centers

Author/Presenter: Amanda Nedved, MD – Urgent Care, Children’s Mercy Kansas City

Co-Author(s): Ann Wirtz, PharmD; Elizabeth Monsees, PhD, MBA, RN; Brian Lee, PhD, MPH; Rana El Feghaly, MD, MSCI; and Alaina Burns, PharmD

Session Name: Infectious Diseases: Bacteria & Antimicrobials
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1178093

A Polyepigenetic Glucocorticoid Score is Associated with Bronchopulmonary Disease Severity

Author/Presenter: Kenyaita Hodge, MPH – Emory University

Co-Author(s): Brian Carter, MD

Session Name: Genomics/Epigenomics I
Time, Date: 6:15 – 8:45 p.m., Friday, April 22
Presentation Time: 6:15 – 8:45 p.m.
Session Type: Poster Session
Publication #: 1178373

A Modified Kernicterus Spectrum Disorder Toolkit is Useful In Diagnosing Kernicterus Spectrum Disorders in Resource-Limited Settings

Author/Presenter: **Rose Gelineau-Morel, MD** – Neurology, Children’s Mercy Kansas City

Co-Author(s): Fatima Usman, MBBS, FWACP, MSc; Saadatu Shehu, MBBS, MBBD; Mohammed Abdulsalam, MBBS, FWACP; Steven Shapiro, MD, MSHA; Tina M. Slusher, MD; **J.B. Le Pichon, MD, PhD**; and Zubaida L. Farouk, MBBS, MSc, FWACP

Session Name: **Neonatal Hematology & Bilirubin Metabolism II**

Time, Date: 6:15 – 8:45 p.m., Friday, April 22

Presentation Time: 6:15 – 8:45 p.m.

Session Type: Poster Session

Publication #: 1179340

Psychosocial Stressors and Barriers to Care for Rural and Hispanic Children with Epilepsy and Their Families During the COVID-19 Pandemic

Author/Presenter: **Shiva Pedram** – Medical Student, University of Kansas Medical Center

Co-Author(s): **Stephanie Horton, MHA; Kathy Goggin, PhD; Vincent Staggs, PhD; Ahmed Abdelmoity, MD;** and **J.B. Le Pichon, MD, PhD**

Session Name: **Neurology 5: Clinical Pediatric & Neonatal Neurology**

Time, Date: 6:15 – 8:45 p.m., Friday, April 22

Presentation Time: 6:15 – 8:45 p.m.

Session Type: Poster Session

Publication #: 1181382

Effects of Antiepileptic Medications with Carbonic Anhydrase Activity on the Ketogenic Diet

Author/Presenter: **J.B. Le Pichon, MD, PhD** – Neurology, Children’s Mercy Kansas City

Co-Author(s): **Ayman Abdelmoity, MD; Janelle Noel-MacDonnell, PhD;** and **Ahmed Abdelmoity, MD**

Session Name: **Neurology 5: Clinical Pediatric & Neonatal Neurology**

Time, Date: 6:15 – 8:45 p.m., Friday, April 22

Presentation Time: 6:15 – 8:45 p.m.

Session Type: Poster Session

Publication #: 1183433

Saturday, April 23 ORAL ABSTRACTS

Longitudinal Magnetic Resonance Imaging in Neonatal Hyperbilirubinemia and Correlation with Kernicterus Spectrum Disorders

Author/Presenter: **Rose Gelineau-Morel, MD** – Neurology, Children’s Mercy Kansas City; and Fatima Usman, MBBS, FWACP, MSc - Kano University, Nigeria

Co-Author(s): Saadatu Shehu, MBBS, MBBD; Tina M. Slusher, MD; Steven Shapiro, MD, MSHA; **Hung-Wen Yeh, PhD;** Zubaida L. Farouk, MBBS, MSc, FWACP; Mohammad A. Suwaid, MBBS; and **J.B. Le Pichon, MD, PhD**

Session Name: **Advances in Neonatal Hematology and Hyperbilirubinemia Management**

Time, Date: 8 – 8:15 a.m., Saturday, April 23

Presentation Time: 8 – 8:15 a.m.

Session Type: Oral Abstract

Publication #: 1178997

[>> Oral Abstracts Continued](#)

Saturday, April 23

ORAL ABSTRACTS Continued

Variation in Bacterial Pneumonia Diagnoses and Outcomes Among Lower Respiratory Tract Infections in Children's Hospitals

Author/Presenter: Jillian Cotter, MD – Pediatric Hospital Medicine, Children's Hospital Colorado

Co-Author(s): Jessica Markham, MD, MSc; Megan Collins, MD; Matt Hall, PhD

Session Name: Hospital Medicine I: Clinical Research

Time, Date: 8:15 – 8:30 a.m., Saturday, April 23

Presentation Time: 8:15 – 8:30 a.m.

Session Type: Oral Abstract

Publication #: 1166243

Clinical Prediction Rule to Identify the Risk of a Serious Underlying Diagnosis or Event Recurrence after a Brief Resolved Unexplained Event (BRUE)

Author/Presenter: Nassr Nama, MD, MSc, FRCPC, FAAP – BC Children's Hospital, University of British Columbia

Co-Author(s): Shobhit Jain, MD

Session Name: Hospital Medicine I: Clinical Research

Time, Date: 8:30 – 8:45 a.m., Saturday, April 23

Presentation Time: 8:30 – 8:45 a.m.

Session Type: Oral Abstract

Publication #: 1175757

The Brain-sparing Glucocorticoid Ciclesonide Protects Against Hyperoxia-Induced Lung Injury in Experimental Bronchopulmonary Dysplasia

Author/Presenter: Venkatesh Sampath, MD – Neonatology, Children's Mercy Kansas City

Co-Author(s): Heather Menden, MS; Sherry Mabry, MS; Sheng Xia, PhD; Tamorah Lewis, MD; Paula Monaghan-Nichols, PhD; and Donald DeFranco, PhD

Session Name: Neonatal Pulmonology I

Time, Date: 8:45 – 9 a.m., Saturday, April 23

Presentation Time: 8:45 – 9 a.m.

Session Type: Oral Abstract

Acoustic Cry Characteristics of Very Preterm Neonates Predict Developmental and Behavioral Outcomes at Age 2

Author/Presenter: Barry Lester, PhD – Brown University

Co-Author(s): Brian Carter, MD; and Stephen J. Sheinkopf, PhD

Session Name: Developmental and Behavioral Pediatrics I: Autism

Time, Date: 10 – 10:15 a.m., Saturday, April 23

Presentation Time: 10 – 10:15 a.m.

Session Type: Oral Abstract

Characteristics and Neurobehavioral and Medical Predictors of Autism Risk in Very Preterm Infants at Age 2

Author/Presenter: Coral Schuster, MA – Women & Infants Hospital of Rhode Island

Co-Author(s): Brian Carter, MD; and Stephen J. Sheinkopf, PhD

Session Name: Developmental and Behavioral Pediatrics I: Autism

Time, Date: 10:15 – 10:30 a.m., Saturday, April 23

Presentation Time: 10:15 – 10:30 a.m.

Session Type: Oral Abstract

Spending on Public Benefit Programs and Exposure to Adverse Childhood Experiences

Author/Presenter: Megan Collins, MD, MPH – Fellow, Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Matt Hall, PhD; Paul Chung, MD, MS; Jessica Markham, MD, MSc; Jessica Bettenhausen, MD; Laura Plencner, MD; Molly Krager, MD; Kathryn Kyler, MD, MSc; David Bard, PhD; Kayla Heller, MD, MHPE; Roxana Guggenmos, DO; Jordan Keys, MD; and Henry Puls, MD

Session Name: Health Equity/Social Determinants of Health I

Time, Date: 11:15 – 11:30 a.m., Saturday, April 23

Presentation Time: 11:15 – 11:30 a.m.

Session Type: Oral Abstract

Publication #: 1179792

Financial Outcomes by Severity Across Children's Hospitals

Author/Presenter: Jonathan Hartley, MD – Fellow, Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Jessica Bettenhausen, MD; Jessica Markham, MD, MSc; Matt Hall, PhD

Session Name: Health Services Research I

Time, Date: 1:00 – 1:15 p.m., Saturday, April 23

Presentation Time: 1:00 – 1:15 p.m.

Session Type: Oral Abstract

Publication #: 1175599

Teens and School Screens: Perspectives on the School Digital Ecology

Author/Presenter: Libby Matile Milkovich, MD – Developmental and Behavioral Health, Children's Mercy Kansas City

Co-Author(s): Keyna Chertoff, MA; Jordan Carlson, PhD; and Kimberly A. Randell, MD, MSc

Session Name: Social Media & Technology

Time, Date: 1:15 – 1:30 p.m., Saturday, April 23

Presentation Time: 1:15 – 1:30 p.m.

Session Type: Oral Abstract

Publication #: 1175568

Better Antibiotic Selection in Children (BASiC): Results from a National Quality Improvement Collaborative

Author/Presenter: Russell McCulloh, MD – Pediatric Hospital Medicine, University of Nebraska Medical Center; Children's Hospital & Medical Center

Co-Author(s): E Kerns; R Cane; M Wang; Rana El Feghaly, MD; Jessica Markham, MD, MSc; JR Marin and J Newland

Session Name: Hospital Medicine II: Potpourri

Time, Date: 1:30 – 1:45 p.m., Saturday, April 23

Presentation Time: 1:30 – 1:45 p.m.

Session Type: Oral Abstract

Publication #: 1176804

Hyperoxia Induces a Krt8+ Damage-Associated Transient Progenitor Alveolar Type II Cell State in a Neonatal Model of Experimental BPD

Author/Presenter: Sheng Xia, PhD – Neonatology, Children's Mercy Kansas City

Co-Author(s): Heather Menden, MS; Konner Winkley, PhD; Sherry M. Mabry, MS; Elin Grundberg, PhD; Jichao Chen, PhD, and Venkatesh Sampath, MD

Session Name: Neonatal Pulmonology II

Time, Date: 1 – 2:30 p.m., Saturday, April 23

Presentation Time: 2 – 2:15 p.m.

Session Type: Oral Abstract

Saturday, April 23

ORAL POSTER SYMPOSIA

Precious Jewels and Feathers: Child Health and Well-being Among the Aztecs of Mesoamerica

Author/Presenter: John D. Cowden, MD, MPH – General Academic Pediatrics, Children's Mercy Kansas City

Session Name: Historical Perspectives Oral Poster Symposia

Time, Date: 8 – 9:30 a.m., Saturday, April 23,

Presentation Time: 8 – 9:30 a.m.

Session Type: Oral Poster Symposia

Publication #: 1165905

Saturday, April 23

POSTER SESSIONS

Responding to a Call to Action for Health Equity Curriculum Development in Graduate Medical Education: Design, Implementation and Early Results of Leaders in Health Equity (LHE)

Author/Presenter: Raquel G. Hernandez, MD, MPH – Johns Hopkins All Children's Hospital

Co-Author: John D. Cowden, MD, MPH

Session Name: Medical Education 2 - Medical Education: Diversity, Equity & Inclusion II

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1166649

State of Academic Pediatric Faculty During the COVID-19 Pandemic

Author/Presenter: Corrie E. Chumpitazi, MD, MS – Baylor College of Medicine

Co-Author(s): Oriana Perez, MS; Elizabeth A. Camp, PhD; **Kimberly A Randell, MD, MSc**; Michael L. Chang, MD; Heather Keenan, MD; Jennifer W. Mack, MD, MPH; **Angela Myers, MD, MPH**; Lise E. Nigrovic, MD, MPH; Jennifer O'Toole, MD; Jennifer Reed, MD, MS; Jennifer Reese, MD; Abby Rosenberg, MD; Anne Slater, MD; Jessica Snowden, MD; Susan H. Wootton, MD; Sonia Ziniel, PhD; HJ Yost; Kristy Murray, PhD; Lara Shekerdemian, MBBS; and Teresia M. O'Connor, MD, MPH

Session Name: General Pediatrics I

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1174535

Risk for Potential Adverse Events Among Hospitalized Children with Obesity

Author/Presenter: Kathryn Kyler, MD, MS – Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): **Matt Hall, PhD; Ann Davis, PhD, MPH (KU)**; and Elizabeth Halvorson, MD, MS

Session Name: Obesity I

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1175118

Feasibility Trial of Fresh Produce Delivery to Families in Home Visiting Programs

Author/Presenter: Laura Plencner, MD – Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Aliyah Hoffmann; Jean L. Raphael, MD, MPH; and Jeffrey Colvin, MD, JD

Session Name: Health Equity/Social Determinants of Health III

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1179691

Variation in Laboratory and Radiographic Workup and Outcome in Children Hospitalized with Common Musculoskeletal Infections

Author/Presenter: Emily Bonanni, MD – Fellow, Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Kathryn Kyler, MD, MS; Matt Hall, PhD; Rana El Feghaly, MD; and Jessica Bettenhausen, MD

Session Name: Hospital Medicine: Clinical – Infectious Disease NOS

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1182008

Prevalence and Severity of Chronic Conditions among Children with Obesity

Author/Presenter: Kathryn Kyler, MD, MS – Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Matt Hall, PhD; Bridgette Jones, MD, MSCR; and Amy Houtrow, MD, PhD

Session Name: Obesity I

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1182532

Ultrasound Guided Peripheral IV Access Curriculum for the Pediatric Emergency Department: a Pilot Study

Author/Presenter: Samuel Dillman, MD – Fellow, Emergency Medicine, Children's Mercy Kansas City

Co-Author(s): Frances Turcotte-Benedict, MD, MPH; and Chris Kennedy, MD

Session Name: Emergency Medicine VI

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1185102

Preclinical Models to Determine the Safety and Efficacy of the Synthetic Glucocorticoid Ciclesonide in Pregnant Women and Neonates

Author/Presenter: Caroline Madigan, BS – University of Pittsburgh School of Medicine

Co-Author(s): A Jano; JD Julian Jaumotte; Paula Monaghan-Nichols, PhD; Venkatesh Sampath, MD; DB DeFranco; and AL Franks.

Session Name: Neurology 6: Basic-Translational

Time, Date: 3:30 – 6 p.m., Saturday, April 23

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Saturday, April 23 SPECIAL INTEREST GROUPS

APA Health Literacy, Medical Student Education, E-Learning in Medical Education Combined SIG

Co-Chair(s): Joy L. Solano, MD, MHPE; and Robert Riss, MD – Hospital Medicine, Children's Mercy Kansas City; Aditi Gupta, DO, Baylor College of Medicine; Alexander F. Glick, MD, MS, NYU Grossman School of Medicine; Shakun Gupta, MD, University of Virginia; and Jennifer P. Benjamin, MD, MPH, Baylor College of Medicine

Time, Date: 8 – 11:30 a.m., Saturday, April 23
Presentation Time: 8 – 11:30 a.m.
Location, Room: Convention Center: 406
Session Type: Special Interest Group
Publication/Course #: 1137474/1025

APA Complex Care SIG

Co-Chair(s): Emily J. Goodwin, MD – General Academic Pediatrics, Children's Mercy Kansas City; Diana M. Cejas, MD, MPH, University of North Carolina at Chapel Hill School of Medicine; Meg Comeau, MHA, Boston University School of Social Work; Catherine Diskin, MB, BCh, BAO, MRCPI, MSc, The Hospital for Sick Children; Kathleen Huth, MD, MMSc, Boston Children's Hospital; Debbi Harris, MS, MA, Family Voices National; and Ruchi Kaushik, MD, MPH, Baylor College of Medicine, Children's Hospital of San Antonio

Time, Date: 1 – 2:30 p.m., Saturday, April 23
Presentation Time: 1 – 2:30 p.m.
Location, Room: Convention Center: 207
Session Type: Special Interest Group
Publication/Course #: 1144005/1445

Saturday, April 23 HOT TOPIC SYMPOSIA

Community Acquired Pneumonia – How Long to Treat and With What Agent(s)?

Chair: Gabriella Lamb, MD, MPH – Boston Children's Hospital, Boston, Massachusetts

Speaker(s): Hanna Wardell, MD, MPH; Kathleen Chiotos, MD; Liset Olarte, MD, MSc; and Todd A. Florin, MD, MSCE

Time, Date: 1 – 2:30 p.m., Saturday, April 23
Presentation Time: 1 – 2:30 p.m.
Location, Room: Convention Center: 705/707
Session Type: Hot Topic Symposia
Publication/Course #: 1166141/1465

Saturday, April 23 WORKSHOPS

Transgender Athletes and Sports Participation, Inclusion for All

Leader: Dale Ahrendt, MD – San Antonio Military Medical Center

Co-Leader(s): Joshua Smalley, DO; and Christina Roberts, MD, MPH

Time, Date: 10 – 11:30 a.m., Saturday, April 23
Presentation Time: 10 – 11:30 a.m.
Location, Room: Convention Center: 608
Session Type: Workshop
Course #: 1370

Making Meaning from the Data: Exploring Coding in Qualitative Research

Leader: Ashwini Lakshmanan, MD, MS, MPH – Children’s Hospital Los Angeles

Co-Leader(s): Caroline R. Paul, MD; Linda Tewksbury, MD; Terry Kind, MD, MPH; Sumeet L. Banker, MD, MPH; **Megan Collins, MD, MPH**; Jean Petershack, MD; Clare C. Crosh, DO; Colleen M. Wallace, MD; and Janice L. Hanson, BA, MAEd, EdS, PhD, MH

Time, Date: 1 – 2:30 p.m., Saturday, April 23
Presentation Time: 1 – 2:30 p.m.
Location, Room: Convention Center: 102/104
Session Type: Workshop
Course #: 1530

Sunday, April 24

ORAL ABSTRACTS

Developmental and Behavioral Pediatrics III: ADHD/ Behavior/School Readiness

Moderator/Discussant: Tanya Froehlich, MD, Cincinnati Children’s Hospital Medical Center; and **Libby Milkovich, MD** – Developmental and Behavioral Health, Children’s Mercy Kansas City

Time, Date: 8 – 9:30 a.m., Sunday, April 24
Presentation Time: 8 – 9:30 a.m.
Location, Room: Convention Center: 705/707
Session Type: Oral Abstract
Course #: 2080

General Pediatrics: COVID-19 Pandemic

Moderator/Discussant: **Tyler Smith, MD, MPH** – General Academic Pediatrics, Children’s Mercy Kansas City; and Callie Brown, MD, MPH – Wake Forest School of Medicine

Time, Date: 8 – 9:30 a.m., Sunday, April 24
Presentation Time: 8 – 9:30 a.m.
Location, Room: Convention Center: Mile High Ballroom 3AB
Session Type: Oral Abstract
Course #: 2100

Improving Antibiotic Durations for Skin and Soft Tissue Infections in Pediatric Urgent Care Clinics

Author/Presenter: **Megan Hamner, MD** – Fellow, Infectious Diseases, Children’s Mercy Kansas City

Co-Author(s): **Amanda Nedved, MD; Holly Austin, MD; Donna Wyly, MSN, APRN; Alaina Burns, PharmD; Brian Lee, PhD, MPH; and Rana El Feghaly, MD**

Session Name: **Quality Improvement/Patient Safety II-QI in Outpatient Settings: Improving Screening and Preventive Care**

Time, Date: 8 – 8:15 am, Sunday, April 24
Presentation Time: 8 – 8:15 a.m.
Session Type: Oral Abstract
Publication #: 1176386

The Relationship Between Socioeconomic Status, Household Material Hardship, Health-Related Quality of Life and Utilization in Children with Medical Complexity

Author/Presenter: **S. Margaret Wright, MD, MPH**; General Academic Pediatrics, Children’s Mercy Kansas City

Co-Author(s): **Jeffrey D. Colvin, MD, JD; Rupal Gupta, MD; Ingrid A. Larson, DNP, MBA, APRN, NEA-BC; Courtney M. Winterer, DO; and Isabella Zaniletti, PhD, MA**

Session Name: **Children with Chronic Conditions I**
Time, Date: 8 – 8:15 a.m., Sunday, April 24
Presentation Time: 8 – 8:15 a.m.
Session Type: Oral Abstract
Publication #: 1175913

[>> Oral Abstracts Continued](#)

Sunday, April 24

ORAL ABSTRACTS *Continued*

Development of Pulmonary Hypertension in Preterm Infants Treated with Laser Versus Anti-Vascular Endothelial Growth Factor Therapy for Retinopathy of Prematurity: A Comparative Safety Study

Author/Presenter: Christopher Nitkin, MD – Neonatology, Children's Mercy Kansas City

Co-Author(s): Nicolas Bamat, MD; Joanne Lagatta, MD; Sara DeMauro, MD; Henry Lee, MD; Ravi Patel, MSc; Brian King, MD; Jonathan Slaughter, MD; J Peter Campbell, MD; Troy Richardson, PhD; Tamorah Lewis, MD

Session Name: Neonatology General I: The Brain and ROP

Time, Date: 8:30 – 8:45 a.m., Sunday, April 24

Presentation Time: 8:30 – 8:45 a.m.

Session Type: Oral Abstract

Publication #: 1176432

Psychosocial and Neonatal Neurobehavioral Adversity Predict Behavior Disorders in Very Preterm Infants at 2 Years

Author/Presenter: Julie A. Hofheimer, PhD – University of North Carolina at Chapel Hill School of Medicine

Co-Author(s): Lynne M. Dansereau, MSPH, Elisabeth C. McGowan, MD; Marie Camerota, PhD; Lynne M. Smith, MD; Jennifer Check, MD, MPH; Michael D. O'Shea, MD, MPH; **Brian S. Carter, MD**; Pattaraporn Chun, MD; **Howard Kilbride, MD**; Steven L. Pastyrnak, PhD; Jennifer B. Helderman, MD, MS; Charles R. Neal, MD, PhD; Sheri A. DellaGrotta, MPH; and T. Barry M. Lester, PhD

Session Name: Developmental and Behavioral Pediatrics III: ADHD/Behavior/School Readiness

Time, Date: 8:45 – 9 a.m., Sunday, April 24

Presentation Time: 8:45 – 9 a.m.

Session Type: Oral Abstract

Evaluating Prenatal and Perinatal Factors Associated with Neurobehavior in Preterm and Full-term Infants

Author/Presenter: Marie Camerota, PhD – Brown University

Co-Author(s): **Brian S. Carter, MD**; and **Elisabeth McGowan, MD**

Session Name: Developmental and Behavioral Pediatrics III: ADHD/Behavior/School Readiness

Time, Date: 9 – 9:15 a.m., Sunday, April 24

Presentation Time: 9 – 9:15 a.m.

Session Type: Oral Abstract

Health Equity/Social Determinants of Health II

Moderator/Discussant: James Guevara, MD, MPH – Perelman School of Medicine at the University of Pennsylvania; and **Tyler Smith, MD, MPH** – General Academic Pediatrics, Children's Mercy Kansas City

Time, Date: 10 – 11:30 a.m., Sunday, April 24

Presentation Time: 10 – 11:30 a.m.

Location, Room: Convention Center: 601

Session Type: Oral Abstract

Course #: 2280

Short Chain Fatty Acids Ameliorate Neonatal Intestinal Injury through Enhancing Notch1-mediated SIGIRR and A20 induction

Author/Presenter: **Wei Yu, PhD** – Neonatology, Children's Mercy Kansas City

Co-Author(s): **Aparna Venkatraman, PhD**; **Sherry M. Mabry, MS**; and **Venkatesh Sampath, MD**

Session Name: Neonatal GI Physiology & NEC

Time, Date: 10 – 11:30 a.m., Sunday April 24, 2022

Presentation Time: 10:45 – 11 a.m.

Session Type: Oral Abstract

Chronic Medication Polypharmacy Among Children with and Without Documented Obesity

Author/Presenter: Kathryn Kyler, MD, MS – Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Carlos Grijalva MD, MPH; Sonya Tang Girdwood, MD, PhD; James Antoon, MD, PhD; James Feinstein, MD, MPH; Jennifer Goldman, MD, MS-CR; Derek Williams, MD, MPH; Samir Shah, MD, MSCE, MHM; and Matt Hall, PhD

Session Name: Pediatric Therapeutics and Pharmacology

Time, Date: 1:15 – 1:30 p.m., Sunday, April 24

Presentation Time: 1:15 – 1:30 p.m.

Session Type: Oral Abstract

Publication #: 1175739

Sunday, April 24 POSTER SESSIONS

A Comparison of Clinical and Administrative Methods for Identifying Children with Medical Complexity

Author/Presenter: Ingrid A. Larson, DNP, MBA, APRN, NEA-BC – Patient Care Services, Children's Mercy Kansas City

Co-Author(s): Jeffrey D. Colvin, MD, JD; Rupal Gupta, MD; S. Margaret Wright, MD, MPH; Courtney M. Winterer, DO; Cristy Toburen, BSN, MSN; Kristi Williams, MD; Emily J. Goodwin, MD; Ryan M. Northup, MD; and Isabella Zaniletti, PhD, MA

Session Name: Children with Chronic Conditions I

Time, Date: 3:30 – 6 p.m., Sunday, April 24

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1175403

Metabolomic Associations with Cardiovascular Risk Markers in Pediatric Chronic Kidney Disease

Author/Presenter: Arthur M. Lee, MD – Pediatrics Resident, PGY-3, Children's Hospital of Philadelphia

Co-Author(s): Bradley Warady, MD

Session Name: Nephrology I: Chronic Kidney Disease

Time, Date: 3:30 – 6 p.m., Sunday, April 24

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1176205

Pre-eclampsia and Neurobehavioral Outcome in Preterm Infants at Term Equivalent Age

Author/Presenter: Jennifer Check, MD, MS – Atrium Health Wake Forest Baptist, Brenner Children's Hospital

Co-Author(s): Elisabeth McGowan, MD; Julie Hofheimer, PhD; Lynne Smith, MD; Coral Shuster, MA; Marie Camerota, PhD; T. Michael O'Shea, MD, MPH; Brian Carter, MD; Howard Kilbride, MD; Steve Pastyrnak, PhD, Charles Neal, MD, PhD; Jennifer Helderian, MD, MPH; Lynne Dansereau, MSPH; Sheri DellaGrotta, MPH; and Barry Lester, PhD

Session Name: Developmental and Behavioral Pediatrics: Autism

Time, Date: 3:30 – 6 p.m., Sunday, April 24

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1177865

[>> Poster Sessions Continued](#)

Sunday, April 24

POSTER SESSIONS Continued

Anemia, Iron Deficiency and FGF23 in CKiD Study

Author/Presenter: Elizabeth Thomas, MD – UCLA Mattel Children's Hospital

Co-Author(s): Bradley Warady, MD

Session Name: Nephrology I: Chronic Kidney Disease
Time, Date: 3:30 – 6 p.m., Sunday, April 24
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1177873

Unanticipated PICU Transfers of Patients Admitted From the Pediatric ED

Author/Presenter: Allison Adam, MD – Chief Resident, Children's Mercy Kansas City

Co-Author(s): Shobhit Jain, MD

Session Name: Emergency Medicine IX
Time, Date: 3:30 – 6 p.m., Sunday, April 24
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1179996

Impact of Pediatric Chronic Kidney Disease on Long-Term Educational Attainment and Employment

Author/Presenter: Lyndsay Harshman, MD – University of Iowa Stead Family Children's Hospital

Co-Author(s): Ryan C. Ward, MS, BA; Matthew Matheson, MS; Rebecca J. Johnson, PhD, ABPP; Bradley Warady, MD; Susan Furth, MD, PhD; and Stephen R. Hooper, PhD

Session Name: Nephrology I: Chronic Kidney Disease
Time, Date: 3:30 – 6 p.m., Sunday, April 24
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1180062

Longitudinal Associations Between Low Serum Bicarbonate and Linear Growth in Children Enrolled in the Chronic Kidney Disease in Children Study

Author/Presenter: Denver D. Brown, MD – Children's National Health System

Co-Author(s): Bradley Warady, MD

Session Name: Nephrology I: Chronic Kidney Disease
Time, Date: 3:30 – 6 p.m., Sunday, April 24
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1181190

Distribution and Determinants of Serum N-Terminal Pro-B-Type Natriuretic Peptide Concentrations in Children with CKD

Author/Presenter: Alex Kula, MD, MHS – Ann & Robert H. Lurie Children's Hospital of Chicago

Co-Author(s): Bradley Warady, MD

Session Name: Nephrology I: Chronic Kidney Disease
Time, Date: 3:30 – 6 p.m., Sunday, April 24
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1181552

Collaborating, Creating and Evaluating a COVID-19 Vaccine Education for Pediatricians Curriculum

Author/Presenter: Vishal Naik, MD – Northwestern University/Lurie Children's Hospital

Co-Author(s): P Zaveri, SE Clark, K Kan, BR Lee, D Opel, E Popovsky, D Ren, J Simpson, J Watts, M White; and Angela Myers, MD, MPH

Session Name: Medical Education 14 – Medical Education: Simulation & Technology II
Time, Date: 3:30 – 6 p.m., Sunday, April 24
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1181911

Potassium Status in Pediatric Chronic Kidney Disease: A Preliminary Report from the Chronic Kidney Diseases in Childhood (CKiD) Study

Author/Presenter: Katherine Kurzinski, MD – Fellow, Nephrology, Children’s Mercy Kansas City

Co-Author(s): Bradley Warady, MD

Session Name: Nephrology I: Chronic Kidney Disease

Time, Date: 3:30 – 6 p.m., Sunday, April 24

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1181935

Telehealth Survey of Providers and Caregivers of Children on Peritoneal Dialysis During the COVID-19 Pandemic

Author/Presenter: Melisha G. Hanna, MD, MS – University of Colorado School of Medicine

Co-Author(s): Bradley Warady, MD

Session Name: Nephrology III: General Nephrology and Dialysis

Time, Date: 3:30 – 6 p.m., Sunday, April 24

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1184702

Saturday, April 24 HOT TOPIC SYMPOSIA

Pharmacogenetics for Pediatricians: Making Sense of the Letters, Numbers and Stars and Putting Evidence into Practice.

Chair: Sonya Tang Girdwood, MD, PhD – Cincinnati Children’s Hospital Medical Center, Fort Thomas, Kentucky; and Tina Cheng, MD, MPH – Cincinnati Children’s Hospital, University of Cincinnati

Speaker(s): Tamorah R. Lewis, MD, PhD; Valentina Shakhnovich, MD; Sara Van Driest, MD, PhD; and Laura Ramsey, PhD

Time, Date: 10 – 11:30 a.m., Sunday, April 24

Presentation Time: 10 – 11:30 a.m.

Location, Room: Convention Center: Mile High Ballroom 3C

Session Type: Hot Topic Symposia
Course #: 2355

Sunday, April 24 WORKSHOPS

Advocating for Gender Equity in Pediatrics: a 3-Pronged Approach

Leader: Kerri Machud, MD – Northwestern University, The Feinberg School of Medicine

Co-Leader(s): Christine E. Dammann, MD; Dena K. Hubbard, MD; Catherine A. Kimball-Eayrs, MD; Emily R. Miller, MD, MS; Renate D. Savich, MD; Lily Lou, MD; Anne Edwards, MD; and James Baumberger, MPP

Time, Date: 10 – 11:30 a.m., Sunday, April 24

Presentation Time: 10 – 11:30 a.m.

Location, Room: Convention Center: 103/105

Session Type: Workshop

Course #: 2200

[>> Workshops Continued](#)

Sunday, April 24

WORKSHOPS Continued

Making the Most of Peer Mentors within a Diverse Developmental Network: Supporting Scholarship and Academic Advancement

Leader: Elena Huang, MD – Children’s Hospital of Philadelphia

Co-Leader(s): Elizabeth R. Hanson, MD, MA; Ingrid M. Anderson, MD; Priti Bhansali, MD, MEd; Priya S. Garg, MD; **Emily J. Goodwin, MD**; Emma A. Omoruyi, MD, MPH; **Tyler Smith, MD, MPH**; Donna M. D’Alessandro, MD; Leora Mogilner, MD; and Maryellen E. Gusic, MD

Time, Date: 10 – 11:30 a.m., Sunday, April 24
Presentation Time: 10 – 11:30 a.m.
Location, Room: Convention Center: 110/112
Session Type: Workshop
Publication/Course #: 1132175/2300

Monday, April 25 **ORAL ABSTRACTS**

Medical Education IV: Professional Identity & Wellbeing

Moderator/Discussant: Caroline Paul, MD, Hassenfeld Children’s Hospital at NYU Langone; and **Tyler Smith, MD, MPH** – General Academic Pediatrics, Children’s Mercy Kansas City

Time, Date: 10 – 11:30 a.m., Monday, April 25
Presentation Time: 10 – 11:30 a.m.
Location, Room: Convention Center: Mile High Ballroom 1CD
Session Type: Oral Abstract
Course #: 3345

Parent Problematic Internet Use Predicts Adolescent Problematic Internet Use

Author/Presenter: **Libby Matile Milkovich, MD** – Developmental and Behavioral Health Children’s Mercy Kansas City

Co-Author(s): Megan Moreno, MD, MPH, MSc; **Ashley Sherman, MA**; and **Kimberly A. Randell, MD, MSc**

Session Name: **Developmental and Behavioral Pediatrics V: Potpourri**
Time, Date: 10:15 – 10:30 a.m., Monday, April 25
Presentation Time: 10:15 – 10:30 a.m.
Session Type: Oral Abstract
Publication #: 1172751

Racial/Ethnic Differences in Pediatric Sepsis from the Improving Pediatric Sepsis Outcomes Collaborative

Author/Presenter: Lori Rutman, MD, MPH – University of Washington School of Medicine

Co-Author(s): **Leslie Hueschen, MD**

Session Name: **Health Equity/Social Determinants of Health III**
Time, Date: 10:45 – 11 a.m., Monday, April 25
Presentation Time: 10:45 – 11 a.m.
Session Type: Oral Abstract
Publication #: 1178761

Access to Firearms Among Pediatric Medical Patients at Risk for Suicide

Author/Presenter: Nathan J. Lowry, BA – National Institute of Mental Health

Co-Author(s): **Shayla Sullivant, MD**

Session Name: **Mental Health**
Time, Date: 11 – 11:15 a.m., Monday, April 25
Presentation Time: 11 – 11:15 a.m.
Session Type: Oral Abstract
Publication #: 1180824

Multicenter Hospital Quality Improvement Collaborative to Improve Adherence to the American Academy of Pediatrics' Clinical Practice Guideline on Brief Resolved Unexplained Events

Author/Presenter: Daniela Hochreiter, MD – Yale School of Medicine

Co-Author(s): Shobhit Jain, MD

Session Name: Emergency Medicine IV

Time, Date: 1 – 1:15 p.m., Monday, April 25

Presentation Time: 1 – 1:15 p.m.

Session Type: Oral Abstract

Publication #: 1179124

Cellular and Humoral Response to the 3rd COVID-19 Vaccine Dose in Immunocompromised Children; a Multi-Division Prospective Cohort

Author/Presenter: Heather Morgans, DO, MPH – Nephrology, Children's Mercy Kansas City

Co-Author(s): Linda Flebbe-Rehwalder, PhD; Steve Kleiboeker, PhD; **Ashley Cooper, MD;** **Bradley Warady, MD;** Todd Bradley, PhD; **Angela Myers, MD, MPH;** Raj Selvarangan, PhD; Jennifer Schuster, MD; Erin Payne, BSN; Julie Bass, DO; Gary D. Myers, MD; Brian Lee, PhD, MPH; Stephen Morrison, RN, BSN, CCRC; Sarah Standley, BSN, RN, CPN; Kelsey Markus, BS, CPhT; Aliessa Barnes, MD; and Ryan Fischer, MD

Session Name: Infectious Diseases II: COVID-19 & MIS-C Oral Abstracts

Time, Date: 1:15 – 1:30 p.m., Monday, April 25

Presentation Time: 1:15 – 1:30 p.m.

Session Type: Oral Abstract

Publication #: 1180104

Monday, April 25

ORAL POSTER SYMPOSIA

The Effects of Necrotizing Enterocolitis and Short Chain Fatty Acids on the Developing Brain in Mice

Author/Presenter: **Maribel Martínez, MD** – Fellow, Neonatology, Children's Mercy Kansas City

Co-Author(s): **Wei Yu, PhD;** **Suban Burale;** Paula Monaghan-Nichols, PhD; and **Venkatesh Sampath, MBBS**

Session Name: **Neurology VI: Basic Translational Oral Poster Symposia**

Time, Date: 1 – 2 p.m., Monday, April 25

Presentation Time: 1 – 2 p.m.

Session Type: Oral Poster Symposia

Monday, April 25

POSTER SESSIONS

Racial Disparities in Diagnostic Imaging and Diagnosis of Abuse among Children 0-2 with Extremity Fractures

Author/Presenter: Margaret Tashjian, MD – University of Colorado School of Medicine

Co-Author(s): Marion Sills, MD, MPH; **Matt Hall, PhD;** Daniel Lindberg, MD; **Henry Puls, MD;** **James Anderst, MD, MSCI;** Kavita Parikh, MD; Joanne Wood, MD, MSHP; **Megan Collins, MD, MPH;** and Denise Abdoo, PhD, CPNP

Session Name: **Child Abuse & Neglect I**

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1153393

[>> Poster Sessions Continued](#)

Monday, April 25

POSTER SESSIONS Continued

Outcomes of Tracheostomy and Home Ventilation Through Four Years of Life in Severe Bronchopulmonary Dysplasia

Author/Presenter: Gangaram Akangire, MD – Neonatology, Children’s Mercy Kansas City

Co-Author(s): Charisse Lachica, MD; Addie Begley, NNP; Janelle Noel-MacDonnell, PhD; Venkatesh Sampath, MD; William Truog, MD; and Winston Manimtim, MD

Session Name: Neonatal Pulmonology III: Molecular Markers and Clinical Prediction Models/Outcomes Session

Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1163627

Outcomes of a Quality Improvement Project: Implementing Trauma Informed Care in a Neonatal Intensive Care Unit

Author/Presenter: Jennie Godwin, DO – Fellow, Neonatology, Children’s Mercy Kansas City

Co-Author(s): Dena Hubbard, MD; Patricia Davis, LCSW; and Christopher Nitkin, MD

Session Name: Neonatal Quality Improvement VI
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1168217

Practice Variation in Perceived Optimal Genetic Testing Across CHNC ECMO Centers

Author/Presenter: K. Taylor Wild, MD

Co-Author(s): John Daniel, MD, MS

Session Name: Neonatology General 6: Congenital Anomalies – CV

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1168595

Rates of Physical Abuse Screening and Detection in Infants with Brief Resolved Unexplained Events (BRUEs)

Author/Presenter: Angela Doswell, MD – Fellow, Child Abuse Pediatrics, Children’s Mercy Kansas City

Co-Author(s): Miguel L. Knochel, MD; Bruce Herman, MD; Amy Delaroche, MD; Victoria L. Wilkins, MD, MPH; Henry T. Puls, MD; James Anderst, MD, MSCI; Joel S. Tieder, MD, MPH; Matt Hall, PhD; Ron L. Kaplan, MD; Adam Cohen, MD; Beth Harper, MD; Manoj K. Mittal, MD; Nirav J. Shastri, MD; and Melanie K. Prusakowski, MD

Session Name: Child Abuse & Neglect I

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1168927

Maternal Antepartum Administration of Lactoferrin Ameliorates Neonatal Infection by Bacteremia-Producing Escherichia Coli in Mice

Author/Presenter: **Charity Dunlop** – Medical Student, University of Missouri-Kansas City School of Medicine

Co-Author(s): **Rachel Chevalier, MD; Norah Almahbub, MS; Joshua Wheatley, MS, MBA; Osaruese Osa-Edoh; and Susana Chavez-Bueno, MD**

Session Name: **Neonatal Infectious Diseases/Immunology: Sepsis**

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1169891

Variation and Establishment of Achievable Benchmarks of Care in Neurodiagnostic Testing Among Children with Simple Febrile Seizures

Author/Presenter: John Stephens, MD – Pediatric Hospital Medicine, North Carolina Children's Hospital

Co-Author(s): Michael Steiner, MD, MPH; **Jessica Markham, MD, MSc**; Jillian Cotter, MD; Michael Tchou, MD; Matthew Molloy, MD, MPH; Elisha McCoy, MD; **Megan Collins, MD**; Paul Aronson, MD, MHS; Samir Shah, MD, MSCE, MHM; and **Matt Hall, PhD**

Session Name: **Hospital Medicine: Systems/Population Health**

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1169902

Prevalence and Factors Associated with Guideline Concordant Antiviral Treatment in Children at High Risk for Influenza Complications

Author/Presenter: James Antoon, MD, PhD – Vanderbilt University

Co-Author(s): **Kathryn Kyler, MD, MS**; Carlos Grijalva MD, MPH; Sonya Tang Girdwood, MD, PhD; James Feinstein, MD, MPH; **Jennifer Goldman, MD, MS-CR**; Derek Williams, MD, MPH; Samir Shah, MD, MSCE, MHM; and **Matt Hall, PhD**

Session Name: **Infectious Diseases: Respiratory Viruses**

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1170359

COVID-19: Perspectives from Youth in Detention

Author/Presenter: **April McNeill-Johnson, MD** – Fellow, Emergency Medicine, Children's Mercy Kansas City

Co-Author(s): **Megha Ramaswamy, PhD (KU)**; Zuri Hudson, DO; **Brittany Moore, MD, MS**; **Dumebi Okocha, BA**; **Kimberly Randell, MD, MSc**

Session Name: **Health Equity/Social Determinants of Health VI**

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1173143

[>> Poster Sessions Continued](#)

Monday, April 25

POSTER SESSIONS Continued

"How Do I Spell S-U-C-C-E-S-S?" Faculty Educators' Viewpoints of Their Professional and Personal Success After a National Faculty Development Program

Author/Presenter: Robert Riss, MD – Pediatric Hospital Medicine, Children's Mercy Kansas City

Co-Author(s): Neha Shah, MD, MPH; Alix G. Darden, PhD, MEd; and Donna M. D'Alessandro, MD

Session Name: Medical Education 12 – Medical Education: Faculty Development

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1173330

Healthcare Utilization of Victims of Commercial Sexual Exploitation Compared to Non-victims

Author/Presenter: Cree Kachelski, MD – Fellow, Child Abuse Pediatrics/Pediatric Emergency Medicine, Children's Mercy Kansas City

Co-Author(s): Mary Moffatt, MD; Jenn Hansen, MD; and Jim Anderst, MD

Session Name: Child Abuse & Neglect I

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1174716

Providing Anticipatory Guidance for Children with Gastrostomy Tubes: Feasibility and Impact of an Online Curriculum for Residents

Author/Presenter: Emily Goodwin, MD – General Academic Pediatrics, Children's Mercy Kansas City

Co-Author(s): Robert Riss, MD; Jeffrey D. Colvin, MD, JD; Elizabeth Rhyne, MD; Evan A. Weber, MD; and Elena Huang, MD

Session Name: Medical Education 9 – Medical Education: Resident VI

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1175587

Pediatrician Perspectives on Barriers and Facilitators to Discharge Instruction Comprehension and Adherence for Parents of Children with Medical Complexity

Author/Presenter: Alexander Glick, MD – Pediatric Hospitalist, Hassenfeld Children's Hospital at NYU Langone Health / Bellevue Hospital Center; NYU School of Medicine

Co-Author(s): H. Shonna Yin, MD, MS; Benjamin Silva, BA; Julia S. Turock, MD; Jonathan S. Farkas, MD; Avani C. Modi, PhD; Emily J. Goodwin, MD; Vincent Huynh, BS; Hannah S. Famiglietti, MD; and Victoria V. Dickson, PhD, RN

Session Name: Children with Chronic Conditions IV

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1175873

Impact of an Educational Series on Care of Children with Medical Complexity for School Personnel

Author/Presenter: Timothy Ryan Smith, MD – General Pediatrics, University of Kansas Medical Center

Co-Author(s): Emily Goodwin, MD; Dana Bakula, PhD; and Eve-Lynn Nelson, PhD (KU)

Session Name: Children with Chronic Conditions IV
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1177307

Reducing Avoidable Referral Phone Calls to the ED: A Multidisciplinary QI Approach

Author/Presenter: Shobhit Jain, MD – Emergency Medicine, Children's Mercy Kansas City

Session Name: Emergency Medicine XIV
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1177825

Child Protective Services Reporting in the Context of Intimate Partner Violence: A Delphi Process

Author/Presenter: Camille Skinner – University of Pittsburgh School of Medicine

Co-Author(s): Emily Killough, MD; Kimberly Randell, MD, MSc; Adelaide Eichman, MD; and Maya Ragavan, MD, MPH, MS

Session Name: Child Abuse & Neglect I
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1178984

Epidemiology of a Child Abuse Pediatrics Research Network: The CAPNET Core Data Project

Author/Presenter: Dan Lindberg, MD – Emergency Medicine, University of Colorado

Co-Author(s): Joanne Wood, MD; Jim Anderst, MD, MSCI; Kris Campbell, MD, MSc; Rachel Berger, MD, MPH; Angela Bachim, MD; and Megan Letson, MD

Session Name: Child Abuse & Neglect I
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 117924

Screening Preteen Medical Patients for Suicide Risk: Time to ASQ

Author/Presenter: Nathan J. Lowry, BA – Intramural Research Training Award (IRTA) Fellow

Co-Author(s): Shayla Sullivant, MD

Session Name: Mental Health I
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1180559

Substance Use and Suicide Risk Among Pediatric Medical Patients: The Importance of Integrated Approaches to Prevention

Author/Presenter: Patrick C. Ryan, BA – National Institutes of Health

Co-Author(s): Shayla Sullivant, MD

Session Name: Mental Health I
Time, Date: 3:30 – 6 p.m., Monday, April 25
Presentation Time: 3:30 – 6 p.m.
Session Type: Poster Session
Publication #: 1181192

>> Poster Sessions Continued

Monday, April 25

POSTER SESSIONS Continued

Early Antibiotics Promote Gut Dysbiosis, Loss of Intestinal Regeneration and Mucosal Barrier, and Worse Intestinal Injury in Neonatal Mice

Author/Presenter: Alain Cuna, MD – Neonatology, Children's Mercy Kansas City

Co-Author(s): Venkatesh Sampath, MD; and Marianne Nsumu, MS

Session Name: Neonatal GI Physiology & NEC II

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1181361

Trends in Proportions of Female Representation at American Society of Pediatric Nephrology Pediatric Academic Society Meetings 2012-2021

Author/Presenter: Bahar Barani-Najafabadi, MD – Resident, Children's Mercy Kansas City

Co-Author(s): Darcy Weidemann, MD, MHS; Dave Selewski, MD; and Danielle Sorano, MD

Session Name: Health Equity/Social Determinants of Health V

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Publication #: 1181940

scRNAseq Reveals Sex-Dependent Responses to Hyperoxia in a Neonatal Mouse Model of Experimental BPD

Author/Presenter: Sheng Xia, PhD – Neonatology, Children's Mercy Kansas City
Co-Author(s): Heather Menden, MS; Konner Winkley, PhD; Sherry M. Mabry, MS; and Venkatesh Sampath, MD

Session Name: Neonatal Pulmonology IV: Lung Cellular Molecular Biology and Biomarkers

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

SIGIRR Regulates Intestinal Epithelial Cell Tight Junctions and Thereby Maintains Intestinal Homeostasis in Neonates

Author/Presenter: Aparna Venkatraman, PhD – Neonatology, Children's Mercy Kansas City

Co-Author(s): Wei Yu, PhD; Sherry M. Mabry, MS; and Venkatesh Sampath, MD

Session Name: Neonatal GI Physiology & NEC I

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

SIGIRR Variants Identified in NEC Infants Exaggerate Toll-like Receptor Mediated Inflammation

Author/Presenter: Jennie Godwin, DO – Fellow, Neonatology, Children's Mercy Kansas City

Co-Author(s): Heather Menden, MS; Craig Small, PhD; Sheng Xia, PhD; and Venkatesh Sampath, MD

Session Name: Neonatal GI Physiology & NEC III

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

The SARS-CoV-2 E Protein Induces Pro-Inflammatory TLR Signaling, Lung Injury and Alveolar Remodeling in the Neonatal Lung

Author/Presenter: Heather Menden, MS – Neonatology, Children's Mercy Kansas City

Co-Author(s): Wei Yu, PhD; Sherry Mabry, MS; Aparna Venkatraman, PhD; Todd Bradley, PhD; Venkatesh Sampath, MD

Session Name: Neonatal Pulmonology V: Preclinical Studies and Clinical Care Issues

Time, Date: 3:30 – 6 p.m., Monday, April 25

Presentation Time: 3:30 – 6 p.m.

Session Type: Poster Session

Monday, April 25

SPECIAL INTEREST GROUPS

APA PHM Leadership SIG/AAP Division Director Subcommittee Joint Session

Co-Chair(s): Alyssa M. Stephany, MD, MSHCM – Hospital Medicine, Children's Mercy Kansas City; Shea Osburn, MD, University of California, San Francisco, School of Medicine; Heather McKnight, MD, UC Davis; and Francisco Alvarez, MD, Stanford School of Medicine

Time, Date: 8 – 11:30 a.m., Monday, April 25

Presentation Time: 8 – 11:30 a.m.

Location, Room: Convention Center: 608

Session Type: Special Interest Group

Course #: 3060

APA Environmental Health, Climate Change and Sustainability SIG

Co-Chair(s): Sandra Jee, MD, MPH – University of Rochester Medical Center; and Elizabeth Friedman, MD, MPH – Environmental Health, Children's Mercy Kansas City

Time, Date: 10 – 11:30 a.m., Monday, April 25

Presentation Time: 10 – 11:30 a.m.

Location, Room: Convention Center: 403

Session Type: Special Interest Group

Publication/Course #: 1150267/3255

APA Urgent Chair SIG

Co-Chair(s): Amy Pattishall, MD – Emory University; Ioannis Koutroulis, MD, PhD, MBA – Children's National Health System; and Amanda Montalbano, MD, MPH, FAAP – Urgent Care, Children's Mercy Kansas City

Speaker: Emily Montgomery, MD, MHPE

Time, Date: 10 – 11:30 a.m., Monday, April 25

Presentation Time: 10 – 11:30 a.m.

Location, Room: Convention Center: 108

Session Type: Special Interest Group

Publication #: 1151952

Monday, April 25

HOT TOPIC SYMPOSIA

Expanding Outpatient Antibiotic Stewardship: Novel Strategies, Settings, and Equity Considerations

Chair: Matthew Kronman, MD, MSCE – Infectious Diseases, University of Washington School of Medicine, Seattle, Washington

Speakers: **Rana El Feghaly, MD, MSCI;** Victoria Konold, MD; Joshua Watson, MD; and Bethany A. Wattles, PharmD, MHA

Time, Date: 10 – 11:30 a.m., Monday, April 25

Presentation Time: 10 – 11:30 a.m.

Location, Room: Convention Center 705/707

Session Type: Hot Topic Symposia

Publication #: 1147375

Monday, April 25

WORKSHOPS

Applying a Social Justice Lens to Well-being Curricula Across the Continuum

Leader: Heidi M. Kloster, MD – University of Wisconsin School of Medicine and Public Health

Co-Leader(s): **Tyler Smith, MD, MPH;** Alissa Darden, MD; and Dana M. Foradori, MD, MEd

Time, Date: 8 – 9:30 a.m., Monday, April 25

Presentation Time: 8 – 9:30 a.m.

Location, Room: Convention Center: 111/113

Session Type: Workshop

Publication/Course #: 1139207/3070

Giving Credit Where Credit is Due: Building Your Pediatric Global Health Fellowship and Working Towards Accreditation

Leader: Melissa Bauserman, MD, MPH – University of North Carolina at Chapel Hill School of Medicine

Co-Leader(s): Heather Crouse, MD; Andrew P. Steenhoff, MBBCh; Maneesh Batra, MD, MPH; Jeff Robison, MD; Michelle Eckerle, MD, MPH; Marideth Rus, MD, MEd; and **Jennifer Watts, MD, MPH**

Time, Date: 8 – 9:30 a.m., Monday, April 25

Presentation Time: 8 – 9:30 a.m.

Location, Room: Convention Center: 207

Session Type: Workshop

Publication/Course #: 1138822/3120

Meaningful Gamification: Engaging Learners to Fail Early, Fail Fast for Learning Success

Leader: **Kristin J. Dolan, MD** – Critical Care Medicine, Children's Mercy Kansas City

Co-Leader(s): Satid Thammasitboon, MD, MHPE; Saul Flores, MD; Jennifer P. Benjamin, MD, MPH; Corrie E. Chumpitazi, MD, MS; and Megan Gubichuk, MD

Time, Date: 8 – 9:30 a.m., Monday, April 25

Presentation Time: 8 – 9:30 a.m.

Location, Room: Convention Center: 208

Session Type: Workshop

Course #: 3150

Critical Debriefing to Improve Patient Care and Staff Wellness

Leader: Shobhit Jain, MD – Emergency Medicine, Children’s Mercy Kansas City

Co-Leader(s): Christopher Kennedy, MD; Marjorie Lee L. White, MD, MPPM, MA; Elisa S. Silverstein, MD; Lisa Carney, MD; and Alyssa Stoner, DO, MS

Time, Date: 10 – 11:30 a.m., Monday, April 25
Presentation Time: 10 – 11:30 a.m.
Location, Room: Convention Center: 406
Session Type: Workshop
Publication/Course #: 1151635/3285

Health Equity Integration – Adaptable Tools for Use in Your Everyday Work

Leader: John D. Cowden, MD, MPH – General Academic Pediatrics, Children’s Mercy Kansas City

Co-Leader(s): Raquel G. Hernandez, MD, MPH; and Darcy A. Thompson, MD, MPH

Time, Date: 10 – 11:30 a.m., Monday, April 25
Presentation Time: 10 – 11:30 a.m.
Location, Room: Convention Center: 110/112
Session Type: Workshop
Publication/Course #: 1144164/3315

Fostering Sustainable Inter-institutional Peer Mentorship Groups to Support Your Career Goals

Leader: Kathryn Kyler, MD, MSc – Hospital Medicine, Children’s Mercy Kansas City

Co-Leader(s): Jillian M. Cotter, MD, MSCS; Ashley Jenkins, MD, MS; John M. Morrison, MD, PhD; Sonya Tang Girdwood, MD, PhD; Michael J. Tchou, MD, MSc; and Nathaniel D. Bayer, MD

Time, Date: 10 – 11:30 a.m., Monday, April 25
Presentation Time: 10 – 11:30 a.m.
Location, Room: Convention Center: 102/104
Session Type: Workshop
Publication/Course #: 1139186/3300

2022 PAS Presentations – CMKC and KU Faculty

Division/ Department	Total	Oral Abstract Lead	Oral Abstract Co-Author	Oral Poster Symposia Lead or Co-Author	Platform Lead or Co-Author	Poster Lead	Poster Co-Author	Pre-Conf Workshop Chair or Presenter/ Speaker	Special Interest Group Chair, Co-Chair, or Speaker	Hot Topic Symposium Lead/Chair or Co-Author/ Speaker	Workshop Lead	Workshop Co-Leader/ Author
Adolescent Medicine	0.4	0	0	0	0	0	0.2	0	0	0	0	0.2
Allergy/ Immunology	0.2	0	0	0	0	0	0.2	0	0	0	0	0
Bone Marrow Transplant	0.2	0	0.2	0	0	0	0	0	0	0	0	0
Cardiology/Heart Center	0.2	0	0.2	0	0	0	0	0	0	0	0	0
Child Adversity & Resilience	1.4	0	0	0	0	0	1.4	0	0	0	0	0
Clinical Pharmacology	0.5	0	0	0	0	0	0	0	0.5	0	0	0
Critical Care Medicine	1.2	0	0	0	0	0	0	0	0	0	1	0.2
Developmental & Behavioral	3.2	2	0.4	0	0	0	0.8	0	0	0	0	0
Emergency Medicine	7.8	0	1	0	0	3	2.2	0	0	0	1	0.6
Gastroenterology	1.2	0	0.6	0	0	0	0.4	0	0	0.2	0	0
General Academic Pediatrics	9.7	1	0.6	1	0	2	2.8	0	0.5	0	1	0.8
Genomics	0.8	0	0.4	0	0	0	0.4	0	0	0	0	0
GME Fellow	13.2	3	0.4	1	0	8	0.6	0	0	0	0	0.2
GME Medical Student	2.8	0	0	0.2	0	2	0.6	0	0	0	0	0
GME Resident	3	0	0.2	0	0	2	0.8	0	0	0	0	0
Health Services & Outcomes	2	0	0.8	0	0	0	1.2	0	0	0	0	0
Hospital Medicine	15.3	1	3.2	0	0	5	3.2	0.2	1.5	0	1	0.2
Infectious Diseases	3.2	0	1	0	0	0	1.8	0	0	0.4	0	0

Division/ Department	Total	Oral Abstract Lead	Oral Abstract Co-Author	Oral Poster Symposia Lead or Co-Author	Platform Lead or Co-Author	Poster Lead	Poster Co-Author	Pre-Conf Workshop Chair or Presenter/ Speaker	Special Interest Group Chair, Co-Chair, or Speaker	Hot Topic Symposium Lead/Chair or Co-Author/ Speaker	Workshop Lead	Workshop Co-Leader/ Author
KUMC Staff Miscellaneous	0.2	0	0	0	0	0	0.2	0	0	0	0	0
Neonatology	18	4	2.8	0.4	0	5	5.4	0	0	0.2	0	0.2
Nephrology	4.6	1	1	0	0	1	1.6	0	0	0	0	0
Neurology	4.4	1.2	0	0	0	2	1.2	0	0	0	0	0
Pathology & Laboratory Med	0.2	0	0.2	0	0	0	0	0	0	0	0	0
Patient Care Services	1.4	0	0.2	0	0	1	0.2	0	0	0	0	0
Pharmacy	0.6	0	0.2	0	0	0	0.4	0	0	0	0	0
Population Health	0.6	0	0	0	0	0	0.6	0	0	0	0	0
Rheumatology	0.2	0	0.2	0	0	0	0	0	0	0	0	0
Social Work	0.2	0	0	0	0	0	0.2	0	0	0	0	0
Urgent Care	2.5	0	0.8	0	0	1	0	0	0.7	0	0	0
Weight Management	0.8	0	0.2	0	0	0	0.6	0	0	0	0	0
Grand Totals	100	13.2	14.6	2.6	0	32	27	0.2	3.2	0.8	4	2.4

Point Assignment

Position	Point amount
Lead/Chair	1
Co-Lead	0.5
Co-Author	0.2



childrensmercy.org