

Poster Presenter	Poster Number	Abstract Title	Research Area
Amin Alayleh	1	Disparities Research in Pediatrics Sports Medicine: Time to Move the Ball Forward	Advocacy & Community Health
Isabel Beshar, MD, MPhil	2	Changes in Male Permanent Contraception as Partner Access to LARC Increases: An Analysis of the National Survey for Family Growth, 2006-2010 versus 2017-2019	Advocacy & Community Health
Nymisha Chilukuri, MD	3	Improving MyChart Activation Rates for Pediatric Patients with Spanish as Preferred Language: an Institution-Wide Quality Improvement Initiative	Advocacy & Community Health
Erin Holsinger, MD	4	Association between living in homes with handguns and risk of suicide among children	Advocacy & Community Health
Jamie Kurtzig	5	From Talk to Tech: Unveiling the Path to Diabetes Management Technology Adoption	Advocacy & Community Health
Holly Lung	6	Acceptability of “Back to School,” a Novel Minecraft-based E-Cigarette Prevention and Cessation Game	Advocacy & Community Health
Zariyah Mohammed	7	Criminal Justice Contact Among Families Receiving Home Visiting Services: A Scoping Review of the Literature	Advocacy & Community Health
Matthew Onadeko	8	Teen Screen Diets: Using AI to discover the food content adolescents experience on their smartphones.	Advocacy & Community Health
Preeti Panda, MD	9	Childhood Opportunity Index and U.S. Pediatric Emergency Department Utilization Amongst Trafficked Youth	Advocacy & Community Health
Maike van Niekerk, PhD	10	“Therapy Deserts”: A Call to Action to Address Inequitable Access to Therapy Services Among Pediatric Patients	Advocacy & Community Health
Aditi Sharma , MPH, DrPH	11	Elementary School Parents’ Perspectives on Enhancing School Meals and Meal Communications	Advocacy & Community Health
Andrea Pedroza Tobias, Ms, PhD	12	Understanding parent's perceptions of school meals in a low-income, rural, largely Latino California community	Advocacy & Community Health
Marcia Monica Zorrilla, DrPH, MPH	13	Youth Perceptions of the Racialization of Cannabis: Implications for Prevention and Policies	Advocacy & Community Health
Simon Borna, PhD	14	Analyses of Treg plasticity and TCR repertoire autoreactivity in patients with FOXP3 mutation	Allergy / Asthma / Immunology
Maïgane Diop	15	Uterine NK Cells Influence Endometrial Growth and Persistence in Endometriosis	Allergy / Asthma / Immunology

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Alka Goyal, MD	16	Real-World Safety and Efficacy of Ustekinumab and Vedolizumab in Pediatric Patients with Inflammatory Bowel Disease	Allergy / Asthma / Immunology
Seyedeh Neelufar Payrovnaziri, PhD	17	Longitudinal Analysis of Infants' Lab Measurements Reveals Immune System Dynamics During the First 26 Weeks of Life	Allergy / Asthma / Immunology
Stephan Ramos, PhD	18	Optimized bone marrow conditioning and tolerance assays to advance cell-based therapies for diabetes	Allergy / Asthma / Immunology
Neetu Saini, PhD	19	Generation of gut-specific-engineered Treg-like cells (GI-CD4LVFOXP3) for pediatric Crohn's disease treatment	Allergy / Asthma / Immunology
Aiswarya Sethumadhavan, PhD	20	Assessment of the tolerogenic role of B cells during pregnancy	Allergy / Asthma / Immunology
Surbhi Sharma, PhD	21	Anakinra, an IL-1 inhibitor, alters peptide interactions with HLA-DR15, a risk haplotype of sJIA/DRESS	Allergy / Asthma / Immunology
Linda Zhu, MD	22	Increasing Penicillin Allergy Delabeling in Pregnancy	Allergy / Asthma / Immunology
Rafael Gonzalez, MD	23	Distraction Enterogenesis Utilizing Injectable Hydrogel in Animal and Human Bowel Wall for Short Bowel Syndrome	Biodesign / Biotechnology / SPARK
Emily He	24	Reducing Preoperative Caregiver Anxiety with Virtual Reality: A Randomized Controlled Study	Biodesign / Biotechnology / SPARK
Eirini Vamva, PhD	25	Should you judge an AAV by its cover? The role the AAV capsid plays in setting up the vector epigenome.	Biodesign / Biotechnology / SPARK
Michelle Zuniga-Hernandez, BS	26	Augmented Reality Improves Mask Acceptance for Induction: A Prospective Case Matched Study	Biodesign / Biotechnology / SPARK
Allison Armstrong, BSN, MSN, NP	27	The Effect of Socioeconomic Status on Pediatric Heart Transplant Outcomes at a Single Institution Between 2013- 2022	Cardiovascular Medicine
Katherine Bianco, MD	28	Effects of Adverse childhood experiences on perinatal outcomes in patients with Cardiac disease: a pilot study	Cardiovascular Medicine
Peter Chin	29	Long-term Follow-up of Total Lymphoid Irradiation (TLI) to Prevent Pediatric Heart Transplant Rejection	Cardiovascular Medicine
Jeffrey Ni, MD	30	Determining the Role of Wnt Modulation in Driving Neointimal Growth in Pulmonary Hypertension	Cardiovascular Medicine
Camryn Franke	31	Investigating the Immunogenicity of CBFA2T3-GLIS2 Positive Pediatric Acute Megakaryoblastic Leukemia for an Engineered T Cell Immunotherapy	Hematology / Oncology

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Junwen Han, MD, PhD	32	The $\alpha\beta$ Ts cell after G-CSF and Plerixafor Mobilization and Depletion Process May not be a Suitable Candidate for Producing Virus-specific T Cells Specific to Adenovirus	Hematology / Oncology
Abhishek Koladiya, PhD	33	Integration of mechanistic immunological knowledge improves relapse prediction in childhood B cell acute lymphoblastic leukemia	Hematology / Oncology
Yuxuan Liu, PhD	34	Uridine synthesis is the metabolic vulnerability in relapse-associated B-ALL cells with active preBCR signaling	Hematology / Oncology
Aya Shibuya, PhD	35	Targeting Nemo-Like Kinase with small molecules for treatment of Diamond Blackfan Anemia	Hematology / Oncology
Peng Wu, MD, PhD	36	A biliary lineage program drives cell proliferation in hepatoblastoma through Wnt-dependent FGF19 signaling	Hematology / Oncology
Samantha Piekos, PhD	37	Pregnant populations at risk for wildfire smoke exposure in the western US	Infectious Disease / Global Health
Meng Sun, PhD	38	Toddlers have limited mucosal protection against Live Attenuated Influenza Virus in human tonsil organoids.	Infectious Disease / Global Health
Jessica Ansari, MD, MS	39	Calcium chloride for the prevention of blood loss during intrapartum cesarean delivery: a single-center randomized, double-blind, placebo-controlled clinical trial	Maternal & Fetal Health
Vrishank Chandrasekhar	40	Early Prediction of Fetal Status via Machine Learning and Biomarker Discovery in Unstructured Cardiotocography	Maternal & Fetal Health
Crystal Chen	41	Differentiation of human trophoblast stem cells into syncytiotrophoblast and extravillous trophoblasts in vitro	Maternal & Fetal Health
Tracy Chidyausiku, MS	42	Episiotomy and Severe Perineal Laceration Among Asian American, Native Hawaiian, and Pacific Islander Ethnicities in California, 2007-2018	Maternal & Fetal Health
Camilo Espinosa Bernal, MPhil	43	Multiomic signals associated with maternal epidemiological factors contributing to preterm birth in low- and middle-income countries	Maternal & Fetal Health
Rebecca Gardner, MS	44	Trends in depression prevalence for pregnant and postpartum women in the United States: Data from the National Health and Nutritional Examination Survey (NHANES) 2007 to 2018	Maternal & Fetal Health

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Ixel Hernandez-Castro, PhD	45	Exposures to Organophosphate Ester Metabolite Mixtures and Maternal Depression During Pregnancy in the Maternal and Developmental Risks from Environmental and Social Stressors (MADRES) Cohort	Maternal & Fetal Health
Yera Kim, MD	46	Systemic Analysis of the associations between neonatal complications and maternal medications during pregnancy	Maternal & Fetal Health
Marina Magalhães, PhD	47	Severe Maternal Morbidity Among Adolescents in the United States	Maternal & Fetal Health
Samson Mataraso	48	A Machine Learning Framework for the Integration of Clinical Data into Omics Analyses	Maternal & Fetal Health
Hayley Miller, MD	49	Abortion Bans and Incidence of Neonatal Single Ventricle Congenital Heart Disease: A Decision Analysis	Maternal & Fetal Health
Ravali Reddy, MD	50	Determinants of Inadequate Cervical Cancer Screening during Pregnancy: A Single Institution Retrospective Study	Maternal & Fetal Health
Molika Sinha, MS	51	Modeling human embryo implantation in vitro	Maternal & Fetal Health
Gwen Tindula, PhD	52	Parental arsenic exposure and tissue-specific DNA methylation in Bangladeshi infants with spina bifida	Maternal & Fetal Health
Victoria Ward, MD	53	Machine Learning Analysis of Neonatal Blood Metabolites to Estimate Gestational Age at Delivery	Maternal & Fetal Health
Alan Chang, PhD	54	Quantitative assessment of neonatal health using dried blood spot metabolite profiles and deep learning	Neonatal & Developmental Medicine
Danny Chou, M.S. Candidate in Epidemiology and Clinical Research	55	Antagonistic Insulin Derivative for Treating Congenital Hyperinsulinism	Neonatal & Developmental Medicine
Elveda Gozdas, PhD	56	Cortical neurite microstructural changes in preterm infants: predictors of future neurodevelopmental problems?	Neonatal & Developmental Medicine
Maha Hanna, MD, IBCLC	57	Title: Decreasing Nipple Trauma and Pain after the First Latch to improve the breastfeeding experience	Neonatal & Developmental Medicine
Ria Pal, MD	58	Deep Medullary Venous Thrombosis: A 15 Year Review	Neonatal & Developmental Medicine

Poster Presenter	Poster Number	Abstract Title	Research Area
Yair Barnett, MD, MS	59	Leveraging Large Language Models to Assess Documentation of Medication Side Effects in Clinical Visits for Children with Attention-Deficit/Hyperactivity Disorder	Neurobiology & Behavioral Medicine
Anne Berens, MD, MSc, MA	60	In search of clinical biomarkers of early life stress: Blunted cortisol does not mediate the association of childhood adversities with adolescent mental health risk	Neurobiology & Behavioral Medicine
Derrick Buchanan, PhD	61	Transcranial direct current stimulation in pediatric neuropsychiatry: safety, tolerability, acceptability	Neurobiology & Behavioral Medicine
Elizabeth Kammer	62	Reward and cognitive control deficits in children with ADHD	Neurobiology & Behavioral Medicine
Maira Karan, PhD	63	Empathy in Adolescence: An fMRI Investigation Using Implicit Empathic Stimuli	Neurobiology & Behavioral Medicine
Elizabeth Mayne, MD, PhD	64	Juvenile mice are susceptible to infarct-induced neurodegeneration that causes cognitive decline	Neurobiology & Behavioral Medicine
Amy Nguyen	65	Association of objectively measured sleep timing and duration to adolescents' internalizing and externalizing symptoms	Neurobiology & Behavioral Medicine
Themistoklis Tsarouchas, PhD	66	LiNC-ing the molecular circadian clock to oligodendroglial dynamics in autism spectrum disorders	Neurobiology & Behavioral Medicine
Bo Zhou, PhD	67	Resolving the exact breakpoints and sequence rearrangements of large neuropsychiatric copy number variations (CNVs) at single base-pair resolution using CRISPR-targeted ultra-long read sequencing (CTRL-Seq)	Neurobiology & Behavioral Medicine
Marleni Albarran, BS	68	A Multidisciplinary Approach for Enhanced Recovery after Pediatric Posterior Spinal Fusion (PSF) for Adolescent Idiopathic Scoliosis (AIS)	Orthopaedic
Ian Hollyer, MD	69	Suture Anchor Fixation of the Posterior Menisco-Tibial Ligament Complex of the Lateral Meniscus Provides Similar Biomechanical Strength Compared to Native Tissue	Orthopaedic
Thomas Johnstone, BS	70	Enhancing Tibial Spine Fracture Repair: Suture Plus Diaphyseal Suture Anchors Biomechanically Outperform Sutures and Screws in Pediatric Cadaveric Knees	Orthopaedic
Bryan Khoo	71	Using 3D Statistical Shape Modeling to Understand Trochlear Development in Relation to the Physis	Orthopaedic

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Hiba Naz	72	Postoperative Mobility following Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis	Orthopaedic
Chiamaka Obilo	73	Evaluation of Radius of Curvature of the Humeral Capitellum in Young Athlete Osteochondritis Dissecans Lesion Sites	Orthopaedic
Hubert Tuyishime, BA	74	Impact of a Daily Huddle on Safety in Pediatric Perioperative Services	Orthopaedic
Christian Wright	75	Utilization of 3D Statistical Shape Modeling of Anatomic Variation Across a Cohort of Patellar Instability Patients	Orthopaedic
Pasqualina Colella, PhD	76	Dynamics and Therapeutic Efficacy of Brain Repopulation by Hematopoietic-Derived Microglia-Like Cells for the Treatment of Neurodegenerative Diseases.	Stem Cell / Regenerative Medicine
Xavier Gaeta, MD, PhD	77	A kidney organoid approach to evaluating environmental toxins in the pathogenesis of clear cell renal cell carcinoma	Stem Cell / Regenerative Medicine
Elizabeth Barrington, MD	78	Evaluating pediatric resident curricula for diagnosing and managing Attention-Deficit/Hyperactivity Disorder (ADHD) in a Developmental-Behavioral Pediatrics clinic	Other
Molly Bowdring, PhD	79	Examining user profiles and clinical impact of a teen mental health app	Other
Anne Bozack, PhD, MPH	80	Epigenetic age acceleration at birth and in childhood: prenatal influences in the Project Viva cohort	Other
Rayan Chatterjee, PhD	81	Determining the Mechanisms of Hereditary Deafness through Computer Modelling	Other
Srinivasa Janagama, MBBS	82	Impact of Extreme Temperatures on Pediatric Ambulance Dispatches - A Retrospective Analysis	Other
Hector Ortega, MD	83	Characterization of genetic risk, autoantibodies, and clinical features in a multi-ancestry pediatric cohort with newly diagnosed diabetes.	Other
Ruwan Thilakaratne, MPH	84	Cross-sectional and prospective associations of early childhood metal exposures with cognitive function: findings from the Project Viva cohort	Other