

#	Name	Poster Title
<b>Theme I - Brain, Behavior, and Development</b>		
7	Sarah Lane (Goss), MD	Evaluation of a Parent Education Bridge Program for Parents of Children Recently Diagnosed with Autism
8	Jacqueline Ngo, MD	UCLA Case Series: A Multi-Disciplinary Approach to Precision Therapy for Pediatric Patients with Hemimegalencephaly
<b>Theme II - Cancer and Regeneration</b>		
9	Camille Hamilton, MD	Genetic Testing Station Increases Access to Genetic Testing
10	Madhuri Kashyap, MD	Characteristics and Outcomes of Children with Cancer Requiring Intensive Care
11	Hadar Keren-Gill, MD	Exploring the Effects of Neoadjuvant PD-1 Checkpoint Blockade in the Tumor Microenvironment in Pediatric and Adult High-Grade Glioma Patients
12	Kenny Vo, MD	Engineering LRRC15-specific CAR T cells to target solid tumors
<b>Theme III - Infection, Inflammation, and Immunity</b>		
13	Miriam Beyder, MD	Improving the Management of Pediatric Anaphylaxis in the Emergency Department at a Tertiary Hospital: A Quality Improvement Project
14	Aaron Chin, MD	Survival and Clinical Outcomes of XLA Patients 55 years or older
15	Sarah Daouk, MD	Pregnancy and Birth Outcomes in a Longitudinal Cohort of Mother-Infant Pairs Affected by COVID-19: The Effect of Social Determinants of Health
16	Huan Dong, MD, MS	Antimicrobial susceptibilities of oropharyngeal Neisseria among men in a HIV Pre-Exposure Prophylaxis program in Hanoi, Vietnam
17	Mohammad-Ali Doroudchi, MD	Trends in ER encounters for infant anaphylaxis in the era of early allergenic food introduction
18	Trevor Feldman, MD	Optimizing Feeding and Reducing Necrotizing Enterocolitis in Infants with Critical Congenital Heart Disease
19	Tyson Hekking, MD	Risk Factors for Readmission for the Pediatric Patients with Sepsis and the Associated Costs
20	Leah Medrano, MD	Medical Trauma and Its Association with Pain and Disability Risk in Children with Inflammatory Arthritis
21	Neema Pithia, MD	Macrophage Polarization and Function at the Maternal-Fetal Interface is Both Pro- and Anti-Inflammatory in the Setting of Intrauterine Infection
<b>Pediatric Residents</b>		
22	Elizabeth Volpicelli, MD	Improving Early Identification of Adverse Childhood Experiences in Pediatric Primary Care Clinics

<b>Theme IV- Neonatal Health and Development</b>		
23	Hyo-Jung Choi, MD	Integration of Resiliency Training in Prenatal Education Classes Improves Self-Efficacy and Maternal Mental Health
24	Angela Desmond, MD	Umbilical Cord Endothelial Cells' Shape and Gene Expression Informs Congenital Heart Disease Development
25	Kelly Feldman, MD	Preventing Extubation Failure with Machine Learning in Pediatric Intensive Care Units
26	Jeanette Fong, MD	Intra-Uterine Growth Restricted Murine Fetal Brain Reveals Perturbed Cellular Profiles by Single-Nucleus RNA-Sequencing
27	Morgan Quezada-Lopez, MD	STRONG Families Pilot Study: Stress, Trauma, and Resilience of NICU Graduate Families
<b>Theme V - Nutrition, Metabolism, and Growth</b>		
28	Janice Chan, MD	Association Between Self-Monitored Blood Glucose and Continuous Glucose Monitor in Youth with Type 1 Diabetes and Medicaid Insurance
29	Sri Nikhita Chimatapu, MD	Use of Continuous Glucose Monitor in Adolescents with Obesity: Feasibility and Study Protocol
30	Kelly Garrity, MD	The Educational Impacts of Glomerular Disease
31	Tran Khang, MD	The Role of MicroRNA-122 in Metabolic Dysfunction-Associated Steatotic Liver Disease
32	Sasha Pannu DO	Is Higher Dietary Fiber Intake Associated with fewer Chronic Kidney Disease—Associated Comorbidities?
33	Nicholas Rosculet, MD	Risk Factors for Receiving Continuous Renal Replacement Therapy in Critically Ill Children
34	Zaid Sheik, MD	The Role of Piezo1 in the Hippo Pathway in Smooth Muscle Cells
35	Bassem Shoucri, MD	Phosphoserine aminotransferase 1 (PSAT1) in adipocyte development and function
36	Zenab Tamer, MD	Effects of Phosphate on Renal Fibrosis and Kidney Function
37	Akhila Vadivelan, MD	Prevalence and significance of pituitary iron in transfusion dependent sickle cell disease
<b>Theme VI - Cardiovascular Health</b>		
38	Anisha Contractor, MD	Help Me Help You Find the Slow Pathway: Atrioventricular Nodal Reentrant Tachycardia in Atrioventricular Septal Defect
39	Jordan Mudery MD	Severe Isolated Dilated Cardiomyopathy from Inherited Compound Variants in Phospholipase D1 Gene
40	Mary O'Donnell-Smith, MD	Animal Testing of an Electoplated Iron-Zinc Stent
41	Carlos Sisniega, MD	Heart Transplant in Children with Congenital Heart Disease at UCLA
42	Tahnee Spoden, MD	High Density Lipoprotein Function and PON-1 levels in Patients with Juvenile Idiopathic Arthritis, Systemic Lupus Erythematosus and Children without Autoimmune Disease
43	Edward Zitnik, DO	Glomerular Disease as a Risk Factor for Dyslipidemia in Pediatric Dialysis Patients



Children's Discovery & Innovation Institute



**11<sup>TH</sup> ANNUAL UCLA MATTEL**

**CHILDREN'S DISCOVERY & INNOVATION**

**INSTITUTE SYMPOSIUM**

***THE SCIENCE OF CLIMATE CHANGE:***

***IMPACT ON CHILDREN***

**Friday, May 17, 2024**

**Hybrid Event: Zoom & Tamkin**

**Auditorium, Ronald Reagan UCLA**






This symposium is supported in part by a Catalyst Award from the UCLA Clinical and Translational Science Institute (CTSI) under NIH/National Center for Advancing Translational Science (NCATS) Grant Number UL1TR001881.



Planning Committee:

Peter Szilagyi (he/him), MD, MPH, Distinguished Professor, Executive Vice Chair and Vice Chair for Research  
Anna-Barbara Moscicki (she/her), MD, Professor, Associate Vice Chair for Clinical Research  
Steven Mittelman (he/him), MD, PhD, Professor, Associate Vice Chair for Translational Research  
Josephine Enciso (she/her), MD, MACM Clinical Professor of Pediatrics, Director, Pediatric Fellowships, Associate Vice Chair of Med Peds  
Savannah Downey (she/they), BA, Events & Didactics Coordinator and Operations Assistant  
Aria Mohseny (she/her), BA, Pre-Award Grant Management Lead  
Alex Lopez (she/her), BA, MA, Administrative Specialist

CDI Symposium

12:00-12:40 pm Lunch

12:40-12:45 pm

Welcome and Introduction of Dr. Dubinett

Sherin Devaskar, MD (she/her)  
Executive Chair, Department of Pediatrics  
Executive Director, CDI



Opening Remarks

Steven Dubinett, MD (he/him)  
Dean, DGSOM  
Associate Vice Chancellor for Research, UCLA



12:45-1:00 pm  
Setting the Stage: Climate Change and Children

Richard J. Jackson, MD, MPH  
Professor Emeritus, Department of Environmental Health Sciences, Fielding School of Public Health, UCLA



1:00-1:40 pm  
Climate Change and Health in Children: Time to Focus on Solutions

Kari Nadeau, MD, PhD (she/her)  
John Rock Professor of Climate and Population Studies; Chair, Department of Environmental Health, Harvard T.H. Chan School of Public Health

1:40-2:20 pm  
Healing Power of Nature

Daniel Wildcat, PhD (he/him)  
Director, American Indian Studies Program, Haskell Indian Nations University



2:20-2:35pm Break

2:35-3:15 pm  
Where There's Smoke, There's Asthma

John Balmes, MD (he/him)  
Professor Emeritus, Department of Medicine, University of California, San Francisco



3:15-3:55 pm  
Mitigating Climate Change in the Transportation Sector: Opportunities and Health Risks for Children

Michael Jerrett, PhD (he/him)  
Professor, Department of Environmental Health Sciences, Fielding School of Public Health, UCLA



Selected Fellow Presentations

3:55-4:05pm Poster #28	<b>Janice Chan, DO (she/her)</b> 3rd Year Pediatric Endocrinology Fellow "Association between Self-Monitored Blood Glucose and Continuous Glucose Monitor in Youth with Type 1 Diabetes and Medicaid Insurance"
4:05-4:15pm Poster #43	<b>Eddie Zitnik, DO (he/him)</b> 3rd Year Pediatric Nephrology Fellow "Glomerular Disease as a Risk Factor for Dyslipidemia in Pediatric Dialysis Patients"
4:15-4:25 pm Poster #16	<b>Huan Dong, MD, MS (he/him)</b> 2nd Year Pediatric Infectious Disease Fellow "Antimicrobial susceptibilities of oropharyngeal Neisseria among young men in an HIV Pre-Exposure Prophylaxis program in Hanoi, Vietnam"
4:25-4:35pm Poster #17	<b>Ali Doroudchi, MD (he/him)</b> 2nd Year Pediatric Allergy/Immunology Fellow "Trends in ER encounters for infant anaphylaxis in the era of early allergenic food introduction"

4:35-4:45 pm Resident Awards

4:45-6:00 pm Fellow Poster Session & Reception

#	Name	Poster Title
Medical Students		
1	Tira Oskoui (she/her)	Increasing Access to Family-Centered Rounds for Caregivers Unable to Be at Bedside
2	Joanna Newens (she/her)	Growth Failure in Neonates with Congenital Heart Disease
3	Youssef Essanaa (he/him)	Application of Terahertz Molecular Imaging to Pediatric Vascular Access
4	Michaela Juels (she/her)	Verbal Status and Complications Following Varus Derotation Osteotomy in Cerebral Palsy Patients
5	Janice Kim (she/her)	Nanostructured Hydrogels as Synthetic Muscles for the Treatment of Strabismus
6	Harika Kottakota (she/her)	Characterizing Motor Phenotypes During Early Development in Toddlers at Risk for Autism Spectrum Disorder