



VIRTUAL 8TH ANNUAL UCLA MATTEL CHILDREN'S DISCOVERY & INNOVATION INSTITUTE SYMPOSIUM

Growing Up During Pandemic Times

Wednesday, May 12, 2021

12:00PM – 5:45 PM PST

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BY PHONE: 1 (669) 900-6933

ZOOM MEETING ID:

936 5610 9805

PASSWORD: CDI2021

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For more information visit www.uclahealth.org/mattel/cdi/annual-symposium or contact: Jaspreet (Jessie) Saini, MPH at jsaini@mednet.ucla.edu

12:00 - 12:05	Welcoming Remarks & Introduction Sherin U. Devaskar, MD Executive Chair, Department of Pediatrics Children's Discovery & Innovation Institute
12:05 – 12:15	Intro to Covid-19 Peter G. Szilagyi, MD, MPH Executive Vice Chair & Vice Chair for Research, Dept. of Pediatrics, UCLA Co-Director, Children's Discovery & Innovation Institute
Topic: Mental Health & Anxiety	



12:15 – 1:00

Avishek Adhikari, PhD

Assistant Professor of Behavioral
Neuroscience
Dept. of Psychology, UCLA

“Neurobiology of Fear”

1:00 – 1:45

Maryland Pao, MD

Clinical Director & Deputy Scientific Director,
National Institute of Mental Health (NIMH),
Division of Intramural Research Program
Acting Clinical Director, National Center for
Complementary & Integrative Health (NCCIH)

“Mental Health Consequences of

SARS-CoV2 Infection: Where Are We Now?”

1:45 – 1:55

Break

Topic: New Advancements in Covid-19 Technology



1:55 – 2:50

Valerie Arboleda, MD, PhD

Assistant Professor-in-Residence
Dept of Pathology and Laboratory Medicine
Dept of Human Genetics, UCLA

Omai Garner, PhD

Associate Clinical Professor
Vice Chair for Clinical Laboratory Affairs
Dept. of Pathology & Laboratory Medicine,
UCLA

**“A Year into COVID-19: from Clinical Testing,
Scaleable Population Screening
and Viral Sequencing”**



Topic: COVID-19 Vaccines	
	2:50– 3:35 Kathryn M. Edwards, MD Sarah H. Sell and Cornelius Vanderbilt Professor of Pediatrics Division of Infectious Diseases Vanderbilt University School of Medicine “Covid-19 Vaccines: Success and Challenge”
Selected Fellow Presentations	
3:35 – 3:50	Katie M. Strobel, MD 2nd Year Neonatology Fellow “Quantifying Fetal and Maternal Body Composition Using 3D-Stack-Of-Radial Free-Breathing MRI”
3:50 – 4:05	Elizabeth Thomas, MD 2nd Year Nephrology Fellow “Anemia, Iron Deficiency and FGF23 in CKiD Study”
4:05 – 4:20	Benjamin Macadangdang, MD, PhD 3rd Year Neonatology Fellow “The role of Accelerated Evolution in the Gut Microbiome”
4:20 – 4:35	Ashley Gray, MD, MS 3rd Year Hematology/Oncology Fellow Rachel Martin-Blais, MD 3rd Year Infectious Diseases Fellow “Humoral Responses to SARS-VoV-2 mRNA Vaccines: Role of Past Infection”
4:35 – 4:40	Resident Research Recognition Awards
4:40 – 4:45	Break
4:45 – 5:45	Fellow Breakout Rooms (next page)



Peter G. Szilagyi, MD, MPH

*Executive Vice Chair & Vice Chair for Research,
Dept. of Pediatrics, UCLA
Co-Director, Children's Discovery & Innovation Institute*



Sherin U. Devaskar, MD

*Distinguished Professor & Executive Chair
Dept. of Pediatrics, UCLA
Executive Director, UCLA Children's Discovery and
Innovation Institute
Physician-in-Chief, UCLA Mattel Children's Hospital
Assistant Vice Chancellor of Children's Health,
UCLA Health*

MAIN ROOM: Basic Science; Moderators: Martin G. Martin, MD MPP, Katherine Wesseling Perry MD

4:45– 4:55 **Terrie Ahn, MD**
2nd Year Allergy and Immunology Fellow
“T-helper cell phenotypic differences between Disseminated Coccidioidomycosis and Uncomplicated Valley Fever”

4:55 – 5:05 **Ali Arham, MD, MS**
3rd Year Critical Care Fellow
“High Molecular Weight Adiponectin in Children with Critical Illness”

5:05 – 5:15 **Lisa Kohn, MD, PhD**
3rd Year Allergy and Immunology Fellow
“The Epigenetics of Autoimmunity”

5:15 – 5:25 **Zubin Mehta, MD, MBA**
2nd Year Neonatology Fellow
“The Role of Alternative Splicing in Left vs Right Ventricle During Neonatal Mouse Heart Maturation”

ROOM 1: Basic Science; Moderators: Mark Hanudel, MD, Brigitte Gomperts, MD, PhD

4:45– 4:55 **Geoanna Bautista, MD**
3rd Year Neonatology Fellow
“Smooth Muscle Cell Piezo1 in the Mechanosensation of the Small Bowel”

4:55 – 5:05 **Alvin Chan, MD, MPH**
2nd Year Gastroenterology Fellow
“Manipulating the bile acid pool to Alter Intestinal Lipid Absorption”

5:05 – 5:15 **Brian Na, MD**
3rd Year Hematology/Oncology Fellow
“Elucidating the Molecular Landscape of Atypical Teratoid Rhabdoid Tumors”

5:15 – 5:25 **Shanna White, MD, MBA**
2nd Year Hematology/Oncology Fellow
“The Human Phosphoglycerate Kinase Promoter in a Lentiviral Vector for Correction of Adenosine Deaminase Deficiency”

ROOM 2: Health Services Research; Moderators: Peter Szilagyi, MD, MPH, Alma Guerrero, MD, MPH

4:45– 4:55 **Preeya Desai, MD**
2nd Year Developmental-Behavioral Fellow
“The Reading Trajectory of Children with Autism Spectrum Disorder from Kindergarten through 4th Grade”

4:55 – 5:05 **Cristina Farkas-Skiles, MD**
3rd Year Nephrology Fellow
“Understanding Delays to Pediatric Kidney Transplant Wait-list Activation: Providers and

5:05 – 5:15 **Mark Garcia, MD**
2nd Year Hematology/Oncology Fellow
“A mobile phone intervention to promote adherence to survivorship care among adolescent and young adult cancer survivors”

5:15 – 5:25 **Stephanie-Grace Raymundo, MD**
2nd Year Cardiology Fellow
“Pediatric Risk to OHT (PRO) Score: Insights from UNOS Waitlist Mortality Findings”

5:25 – 5:35 **Sonam Sidhu, MD**
2nd Year Critical Care Fellow
“National Trends in the Cost Burden of Pediatric Gunshot Wounds Across the United States”

5:35 – 5:45 **Jonathan Jakob Khoubian, MD**
3rd Year Critical Care Fellow
“Outcomes in Influenza Hospitalizations for Children with Congenital Heart Disease”

ROOM 3: Clinical Science; Moderators: Anna-Barbara Moscicki, MD, Steven Mittelman, MD, PhD

4:45– 4:55 **Medha Shukla, MD**
2nd Year Gastroenterology Fellow
“Liver Dysfunction in the Ketogenic Diet”

4:55 – 5:05 **Rim El-Chaki, MD**
3rd Year Nephrology Fellow
“Predictors of Renal Function in Pediatric Liver Transplant Recipients”

5:05- 5:15 **Yue Huang, MD**
2^d Year Genetics Fellow
“Loss of Function in RBBP5 is associated with a Neurodevelopmental Disorder”

5:15 – 5:25 **Esther Jun-Ihn, MD**
2nd Year Hospitalist Medicine Fellow
“Procalcitonin as a Predictor of Bacteremia in Children with Intestinal Failure Presenting with

ROOM 3 Continued: Clinical Science

5:25 – 5:35 **Pina Patel, MD**
3rd Year Cardiology Fellow
“Assessment of Brain Pre-Frontal Cortex and Cognition in Adolescents with Single Ventricle Heart Disease”

5:35 – 5:45 **Eric Tsay, MD**
2nd Year Endocrinology Fellow
“Barriers to Continuous Glucose Monitor Use in Adolescents with Type 1 Diabetes”

ROOM 4: Clinical Science/Health Services Research; Moderators: Loris Hwang, MD, Josephine Enciso, MD, Suhas Kallapur, MD

4:45– 4:55 **Benjamin Blais, MD**
3rd Year Cardiology Fellow
“Bench Testing of Mechanical Properties of Low-Diameter Balloon Expandable Covered Stents Currently Available for Use in Pediatric Patients”

4:55 – 5:05 **Artemiy Kokhanov, MD**
3rd Year Neonatology Fellow
“ECMO Utilization in Infants with Congenital Diaphragmatic Hernia in the United States”

5:05 – 5:15 **Brian Lee, MD**
2nd Year Neonatology Fellow
“*In-vivo* Early-Gestation Placental Imaging Prospectively Predicts Adverse Pregnancy Outcomes in Ischemic Placental Disease”

5:15 – 5:25 **Elayna Ng, MD**
2nd Year Hospitalist Medicine Fellow
“Assessing Carrier Fluid Effects on Low Flow Drug Infusions”

5:25 – 5:35 **Saumya Pathak, MD**
3rd Year Gastroenterology Fellow
“Association of Adverse Childhood Experiences, Resilience, and DNA Methylation Profiling in Pediatric Irritable Bowel Syndrome”

5:35 – 5:45 **Daniel Cerrone, MD**
2nd Year Allergy and Immunology Fellow
“Inhaled Corticosteroids in the Prevention of COVID-19 Infection, A Retrospective Analysis”

CDI Themes	
Theme I Brain & Behavior	Theme II Cancer & Regeneration
Theme III Infection, Inflammation & Immunity	Theme IV Neonatal Health & Development
Theme V Nutrition Metabolism & Growth	Theme VI Cardiovascular Health