



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

[JOIN ZOOM HERE](#)

BY PHONE: 1 (669) 900-6933

ZOOM MEETING ID:

936 5610 9805

PASSWORD: CDI2021

[VIEW FELLOW POSTERS HERE](#)

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 <i>Executive Chair, Department of Pediatrics Children's Discovery & Innovation Institute</i>
12:05 – 12:15	Intro to Covid-19 Peter G. Szilagyi, MD, MPH <i>Executive Vice Chair and Vice Chair for Research, Department of Pediatrics Co-Director, CDI Institute</i>

Topic: Mental Health & Anxiety



12:15 – 1:00
Guest Speaker

Avishek Adhikari, PhD
Assistant Prof. of Behavioral Neuroscience
Department of Psychology, UCLA

“Neurobiology of Fear”



1:00 – 1:45
Guest Speaker

Maryland Pao, MD
Clinical Director and Deputy Scientific
Director, National Institute of Mental Health
(NIMH), Division of Intramural Research Program
Acting Clinical Director, National Center for Complementary
and 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
Guest Speakers

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
University of California, Los Angeles

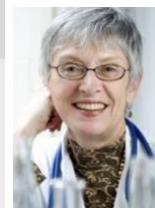
**“A Year into COVID-19: from Clinical Testing, Scaleable
Population Screening and Viral Sequencing”**

Topic: COVID-19 Vaccines

2:50– 3:35

Guest Speaker

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”

3:35 – 3:45 **Break**

Selected Fellow Poster Presentations

3:45-3:50 **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
“Robust SARS-CoV-2 Spike Antibody Response
Following 2 Doses of mRNA-Based Vaccinations:
A Comparison between Previously Infected and
Infection-Naïve Persons”

4:35-4:45 **Resident Research Recognition Awards**



Sherin U. Devaskar, MD

*Distinguished Professor and Executive Chair, UCLA
Department of Pediatrics
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*

<u>MAIN ROOM: Basic Science</u>		<u>ROOM 2: Health Services Research</u>		<u>ROOM 3 Continued: Clinical Science</u>	
4:45– 4:55	Terrie Ahn, MD 2 nd Year Allergy and Immunology Fellow “T-helper cell phenotypic differences between Disseminated Coccidioidomycosis and Uncomplicated Valley Fever”	4:45– 4:55	Preeya Desai, MD 2 nd Year Developmental-Behavioral Fellow “The Reading Trajectory of Children with Autism Spectrum Disorder from Kindergarten through 4 th Grade”	5:15 – 5:25	Esther Jun-Ihn, MD 2 nd Year Hospitalist Medicine Fellow “Procalcitonin as a Predictor of Bacteremia in Children with Intestinal Failure Presenting with Fever”
4:55 – 5:05	Ali Arham, MD, MS 3 rd Year Critical Care Fellow “High Molecular Weight Adiponectin in Children with Critical Illness”	4:55 – 5:05	Cristina Farkas-Skiles, MD 3 rd Year Nephrology Fellow “Understanding Delays to Pediatric Kidney Transplant Wait-list Activation: Providers and Families Weigh in”	5:25 – 5:35	Pina Patel, MD 3 rd Year Cardiology Fellow “Assessment of Brain Pre-Frontal Cortex and Cognition in Adolescents with Single Ventricle Heart Disease”
5:05 – 5:15	Lisa Kohn, MD, PhD 3 rd Year Allergy and Immunology Fellow “Epigenetics’ Influence on the Development of Autoimmunity”	5:05 – 5:15	Mark Garcia, MD 2 nd Year Hematology/Oncology Fellow “A mobile phone intervention to promote adherence to survivorship care among adolescent and young adult cancer survivors”	5:35 – 5:45	Eric Tsay, MD 2 nd Year Endocrinology Fellow “Barriers to Continuous Glucose Monitor Use in Adolescents with Type 1 Diabetes”
5:15 – 5:25	Zubin Mehta, MD, MBA 2 nd Year Neonatology Fellow “The Role of Alternative Splicing in Left vs Right Ventricle During Neonatal Mouse Heart Maturation”	5:15 – 5:25	Stephanie-Grace Raymundo, MD 2 nd Year Cardiology Fellow “Pediatric Risk to OHT (PRO) Score: Insights from UNOS Waitlist Mortality Findings”	<u>ROOM 4: Clinical Science/Health Services Research</u>	
5:25 – 5:35	Alexander Parisky, MD 2 nd Year Critical Care Fellow “The Molecular Biology of E-cigarette Induced Airway Damage”	5:25 – 5:35	Sonam Sidhu, MD 2 nd Year Critical Care Fellow “National Trends in the Cost Burden of Pediatric Gunshot Wounds Across the United States”	4:45– 4:55	Benjamin Blais, MD 3 rd Year Cardiology Fellow “Mechanical Properties of Low-Diameter Balloon Expandable Covered Stents”
<u>ROOM 1: Basic Science</u>		5:35 – 5:45	Jonathan Jakob Khoubian, MD 3 rd Year Critical Care Fellow “Outcomes in Influenza Hospitalizations for Children with Congenital Heart Disease”	4:55 – 5:05	Artemiy Kokhanov, MD 3 rd Year Neonatology Fellow “ECMO Utilization in Infants with Congenital Diaphragmatic Hernia in the United States”
4:45– 4:55	Geoanna Bautista, MD 3 rd Year Neonatology Fellow “Smooth Muscle Cell Piezo1 in the Mechanosensation of the Small Bowel”	<u>ROOM 3: Clinical Science</u>		5:05 – 5:15	Brian Lee, MD 2 nd Year Neonatology Fellow “ <i>In-vivo</i> Early-Gestation Placental Imaging Prospectively Predicts Adverse Pregnancy Outcomes in Ischemic Placental Disease”
4:55 – 5:05	Alvin Chan, MD, MPH 2 nd Year Gastroenterology Fellow “Manipulating the bile acid pool to modulate dietary lipid absorption to treat obesity”	4:45– 4:55	Thayne S. Dalrymple, MD 2 nd Year Critical Care Fellow “Association Between Serum C3 Concentration and Various Clinical Outcomes in Pediatric Acute Respiratory Distress Syndrome (PARDS)”	5:15 – 5:25	Elayna Ng, MD 2 nd Year Hospitalist Medicine Fellow “Assessing Carrier Fluid Effects on Low Flow Drug Infusions”
5:05 – 5:15	Brian Na, MD 3 rd Year Hematology/Oncology Fellow “Elucidating the Molecular Landscape of Atypical Teratoid Rhabdoid Tumors”	4:55 – 5:05	Rim El-Chaki, MD 3 rd Year Nephrology Fellow “Predictors of Renal Function in Pediatric Liver Transplant Recipients”	5:25 – 5:35	Saumya Pathak, MD 3 rd Year Gastroenterology Fellow “Association of Adverse Childhood Experiences, Resilience, and DNA Methylation Profiling in Pediatric Irritable Bowel Syndrome”
5:15 – 5:25	Medha Shukla, MD 2 nd Year Gastroenterology Fellow “Liver Dysfunction in the Ketogenic Diet”	5:05 – 5:15	Yue Huang, MD 2 nd Year Genetics Fellow “Loss of Function in RBBP5 is associated with a Neurodevelopmental Disorder”	5:35 – 5:45	Daniel Cerrone, MD 2 nd Year Allergy and Immunology Fellow “Inhaled Corticosteroids in the Prevention of COVID-19 Infection, A Retrospective Analysis”
5:25 – 5:35	Shanna White, MD, MBA 2 nd Year Hematology/Oncology Fellow “The Human Phosphoglycerate Kinase Promoter in a Lentiviral Vector for Correction of Adenosine Deaminase Deficiency”	<u>CDI Themes</u>			
		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	