

Pediatric Grand Rounds
September 25, 2020 – June 25, 2021

University of California, San Diego
Department of Pediatrics
Rady Children's Hospital - San Diego
3020 Children's Way, MC5109
San Diego, CA 92123

PEDIATRIC GRAND ROUNDS

A Continuing Medical
Education Program



THE DEPARTMENT OF PEDIATRICS
UNIVERSITY OF CALIFORNIA, SAN DIEGO

And

Rady
Children's
Hospital
San Diego

September 25, 2020 – June 25, 2021
Fridays – 8:30 a.m.

Education & Office Building (EOB) 1900
7960 Birmingham Way
San Diego, CA 92123

Gabriel G. Haddad, M.D.

Chairman, Department of Pediatrics
University of California, San Diego
Physician-in-Chief, Chief Scientific Officer
Rady Children's Hospital – San Diego
Grand Rounds Organizing Committee
Hal Hoffman, MD • Elizabeth Ingulli, MD

Jeannie Huang, MD • Vy Ting

These lectures will offer the generalist and specialist pediatrician current information in the field of Pediatrics about the pathogenesis, diagnosis and treatment of children's diseases.

Objectives: (ACGME competencies)

- Provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health
- Demonstrate application of scientific methodology to clinical situations
- Know and apply the basic sciences which are appropriate to your discipline
- Demonstrate effective communication skills with patients, families and professional associates

Accreditation and Disclosure

The University of California, San Diego School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this live activity for a maximum of **1.0 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Cultural Competency

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources on cultural and linguistic competency and information about AB1195 can be found on the UCSD CME website at <http://cme.ucsd.edu>.

Faculty Disclosure

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All Persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms: 1) altering the financial relations with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussion of off-label/unapproved uses of drugs or devices. Persons who refuse or fail to disclose will be disqualified from participating in the CME activity.

SEPTEMBER 25, 2020

MARILYN JONES, MD

*Distinguished Professor of Clinical Pediatrics
Division of Genetics and Dysmorphology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego*

ERIN THORPE, MS, CGC

*Genetic Counselor
Illumina Clinical Services Laboratory*

IHOPE: Bringing Genomics across the Border

OCTOBER 2, 2020

STEPHEN A. SPECTOR, MD

*Distinguished Professor of Pediatrics
Division of Infectious Diseases
Director, Mother-Child-Adolescent Program
Principal Investigator,
UCSD MCAP COVID-19 Prevention Network Unit
University of California, San Diego
Rady Children's Hospital-San Diego*

How Close Are We to a COVID-19 Vaccine?

The Hopes and the Challenges

OCTOBER 9, 2020

FABIAN RIVERA-CHAVEZ, PHD

*Assistant Professor of Pediatrics
Department of Pediatrics
Division of Biological Sciences
University of California, San Diego*

Bag of Tricks:

How Bacterial Pathogens Promote Transmission

OCTOBER 16, 2020

DEBASHIS SAHOO, PHD

*Assistant Professor of Pediatrics and Computer Science
Department of Pediatrics
Department of Computer Science and Engineering
University of California, San Diego*

Tracking Down COVID-19 through Computational Genetics

OCTOBER 23, 2020

JANE BURNS, MD

*Professor of Pediatrics
Director of Kawasaki Disease Research Center
University of California, San Diego
Rady Children's Hospital-San Diego*

CHARMS: Characterization of MIS-C and its Relationship to Kawasaki Disease

OCTOBER 30, 2020

DAVID INWARDS-BRELAND, MD

*Professor of Clinical Pediatrics
Department of Pediatrics
Division of Adolescent Medicine and Young Adult Medicine
University of California, San Diego
Rady Children's Hospital-San Diego*

How to Support Adolescents and Young Adults During the COVID-19 Pandemic

NOVEMBER 6, 2020

LARS BODE, PHD

Professor of Pediatrics
Division of Neonatology
Division of Gastroenterology, Hepatology, and Nutrition
Director and Chair of Collaborative Human Milk Research
Larsson-Rosenquist Foundation Mother-Milk-Infant Center of Research Excellence
University of California, San Diego
Rady Children's Hospital-San Diego
The Power of Human Milk (Oligosaccharides)

NOVEMBER 13, 2020

ELIZABETH A. WINZELER, PHD

Professor, Department of Pediatrics
Division of Host Microbe Systems and Therapeutics
Director of Translational Research
UC Health Sciences Center for Immunology, Infection and Inflammation
Adjunct Professor, Skaggs School of Pharmacy
University of California, San Diego
Rady Children's Hospital-San Diego
The Malaria Drug Accelerator:
Using Collaborative Research to Develop New Treatments for Neglected Diseases

NOVEMBER 20, 2020

KYLE J. GAULTON, PHD

Assistant Professor
Department of Pediatrics
University of California, San Diego
Deciphering Genetic Mechanisms of Type 1 Diabetes Risk

NOVEMBER 27, 2020 – THANKSGIVING BREAK

DECEMBER 4-25, 2020 – WINTER BREAK

JANUARY 8, 2021

SHELLEY LAWRENCE, MD, MS

Associate Professor of Pediatrics
Division of Neonatology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Neonatal Sepsis:

Developing Innovative Diagnostics and Therapeutics

JANUARY 15, 2021

BEN CROKER, PHD

Associate Adjunct Professor
Division of Rheumatology, Allergy & Immunology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Neutrophils: The Inflammatory Conductors of Kawasaki Disease and MIS-C

JANUARY 22, 2021

THE 20TH ANNUAL LENOIR/HAMBURGER LECTURE

CHERYL ANDERSON, PHD, MPH, MS

Professor and Founding Dean
School of Public Health and Human Longevity Science
University of California, San Diego

Disparities in Diet Across the Lifespan:
Implications for Cardiovascular Health

JANUARY 29, 2021

KELAN TANTISIRA, MD, MPH

Professor of Pediatrics
Division of Respiratory Medicine
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Investigating the Pathogenesis of Asthma and Response to Treatment Using Small Noncoding RNAs

FEBRUARY 5, 2021

PAULA ARISTIZABAL, MD, MAS

Associate Professor of Pediatrics
Division of Pediatric Hematology/Oncology
University of California, San Diego
Medical Director International Outreach Program & Quality Improvement Lead
Pediatric Hematology/Oncology, Rady Children's Hospital San Diego
Member Population Sciences, Disparities & Community Engagement
UC San Diego Moores Cancer Center
Rady Children's Hospital-San Diego

Regional Disparities in Pediatric Oncology: Lessons Learned from Rady's International Outreach Program

FEBRUARY 12, 2021

DAVID BRENT POLK, MD

Professor of Pediatrics
Division of Gastroenterology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Targeting Prevention and Better Outcomes for Pediatric IBD

FEBRUARY 19, 2021

CYNTHIA L. KUELBS, MD

HS Clinical Professor
Department of Pediatrics and Department of Medicine
University of California, San Diego
Chief Medical Information Officer
Rady Children's Hospital-San Diego

OK Boomer! Adolescent Patient Portals – Challenges and Opportunities

FEBRUARY 26, 2021

DAVID J. MCCULLEY, MD

Associate Professor of Pediatrics
Division of Neonatology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Clinical Highlights and Genetic Mechanisms of Congenital Diaphragmatic Hernia

MARCH 5, 2021

JOHN B. WELSH LECTURE IN BEHAVIORAL PEDIATRICS

YI HUI LIU, MD, MPH

Professor of Pediatrics
Division of Academic General Pediatrics, Child Development & Community Health
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Attention Deficit Hyperactivity Disorder: What Every Pediatrician and Pediatric Subspecialist Should Know

MARCH 12, 2021

JAMES PERRY, MD

Professor of Clinical Pediatrics
Affiliate Professor of Bioengineering
University of California, San Diego
Director, Electrophysiology Program
Rady Children's Hospital-San Diego

Evolving Challenges for Academic Medical Practice: Three Decades of Perspective

MARCH 19, 2021

AMI P. DOSHI, MD

Associate Clinical Professor
Department of Pediatrics
Physician Wellness Director
Assistant Program Director of Wellness
Rady Children's Hospital-San Diego

Physician Well-Being:

What Do We Know and Where Do We Go

MARCH 26, 2020 – CESAR CHAVEZ DAY

APRIL 2, 2021

GARY S. FIRESTEIN, MD

Distinguished Professor of Medicine
Senior Associate Vice Chancellor for Health Sciences
Director, Altman Clinical & Translational Research Institute
UC San Diego Health Sciences

Applying New Concepts of Epigenetic to the Treatment of Patients with Autoimmunity

APRIL 9, 2021

JUAN CARLOS BELMONTE, PHD

Professor, Gene Expression Laboratory
Roger Guillemin Chair
Salk Institute for Biological Studies
Aging and Organ Regeneration

APRIL 16, 2021

JING YANG, PHD

Professor of Pharmacology and Pediatrics
Division of Hematology-Oncology
Department of Pediatrics
University of California, San Diego

Tumor Metastasis and Developmental Plasticity: How Can We Stop the Invasion?

APRIL 23, 2021

KATHRYN A. AKONG, MD

Associate Professor of Pediatrics
Division of Respiratory Medicine
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego
The End of the Beginning of Cystic Fibrosis Therapeutics

APRIL 30, 2021

HARI NARAYAN, MD, MSCE

Assistant Professor of Pediatrics
Division of Cardiology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego
Cardiovascular Imaging of Childhood Cancer Survivors: Challenges and Opportunities

MAY 7, 2021

BOB GENG, MD

Assistant Professor of Pediatrics and Medicine
Co-Director of Rady Children's Hospital Severe Asthma Program
Allergy/Immunology Director of the Multidisciplinary Atopic Dermatitis Program (MADP)
Divisions of Adult and Pediatric Allergy and Immunology
University of California, San Diego
Rady Children's Hospital-San Diego

Novel Approaches to Managing Atopic Disorders — Precision Medicine through Multidisciplinary Teamwork

MAY 14, 2021

VANESSA P. SCOTT, MD, MSC

Assistant Clinical Professor
Division of Academic General Pediatrics, Child Development & Community Health
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Parental Vaccine Hesitancy and an Educational Intervention for Influenza Vaccination

MAY 21, 2021

SANDRA LEIBEL, MD, MSC

Assistant Clinical Professor
Division of Neonatology
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Lung Stem Cells and Organoids to Study Patient Specific Human Lung Development and Disease

MAY 28, 2021

NATHALY SWEENEY, MD, MPH, MS

Assistant Clinical Professor
Division of Neonatal-Perinatal Medicine
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

Management of Congenital Heart Disease in the Era of Genomics

JUNE 4, 2021

JOSEPH G. GLEESON, MD

Rady Auxiliary Professor of Neurosciences and Pediatrics
University of California, San Diego
Director of Neuroscience Institute of Genomic Medicine
Rady Children's Hospital-San Diego

Solving the Mystery of Pediatric Brain Disease

JUNE 11, 2021

CHIEF RESIDENT

Chief Resident
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

JUNE 18, 2021

CHIEF RESIDENT

Chief Resident
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego

JUNE 25, 2021

CHIEF RESIDENT

Chief Resident
Department of Pediatrics
University of California, San Diego
Rady Children's Hospital-San Diego