



Center for Perinatal Discovery 2022 Annual Symposium

June 25, 2022, 8:30 am – 4:15 pm

Roth Auditorium, SCRM

*Virtual attendance option available

UC San Diego is pleased to present the 3rd Annual Center for Perinatal Discovery Symposium, Focused on Preterm Birth!

To register for this symposium, please click the [link here](#).

****Registration deadline:** June 14, 2022 for in-person attendees, and June 24, 2022 for virtual attendees



Keynote Speaker

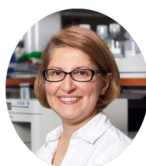
Ripley Lucas, MPH

Data Analyst, Perinatal Data Center at March of Dimes

Speaking on

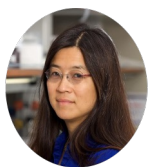
“Opportunities to address health inequity within infant outcomes”

Hosted by Co-Directors



Mana Parast, MD, PhD

Professor
UCSD
Dept. of Pathology



Louise Laurent, MD, PhD

Professor
UCSD
Dept. of OB/GYN &
Reproductive Sciences



Karen Mestan, MS, MD

Professor
UCSD
Dept. Pediatrics

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 educational activity for a maximum of 7.0 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. **GOALS** To provide needs based education for physicians and health care providers to improve knowledge, competence and performance and enable the optimum provision of health care. **OBJECTIVES** 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.



Center for Perinatal Discovery 2022 Annual Symposium Agenda

8:30 AM – 8:35 AM **Opening Remarks**

8:35 AM – 9:15 AM **Keynote: Ripley Lucas, MPH | Data Analyst, March of Dimes' Perinatal Data Center**

“Opportunities to address health inequity within infant outcomes”

Center for Perinatal Discovery Pilot Project Grant 2021-2022 Recipients

Moderator: Mana Parast, MD, PhD

9:15 AM – 9:30 AM **Eniko Sajti, MD, PhD | Assistant Professor, Department of Pediatrics, UC San Diego**

“Profiling maternal and fetal macrophages in obese and lean pregnant women”

9:30 AM – 9:45 AM **Sarah Averbach, MD | Associate Professor, Department of Obstetrics, Gynecology, and Reproductive Sciences, Division of Family Planning, UC San Diego**

“Postpartum progestin-only pill use and breastfeeding pilot study: work-in-progress”

9:45 AM – 10:00 AM **Marni Jacobs, PhD | Assistant Adjunct Professor, Department of Obstetrics, Gynecology, and Reproductive Sciences, UC San Diego**

“Maternal apolipoprotein E genotype among pregnancies complicated by intrauterine growth restriction”

10:00 AM – 10:15 AM **Coffee Break**

Heterogeneity in Causes and Presentations of Preterm Birth

Moderator: Omonigho Aisagbonhi, MD

10:15 AM – 10:45 AM **Sagori Mukhophadhyay, MD, MMSc | Assistant Professor, Perelman School of Medicine at the University of Pennsylvania, Department of Pediatrics, Division of Neonatology, Children's Hospital of Philadelphia**

“Phenotypes of prematurity: Beyond reason for birth”

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Center for Perinatal Discovery 2022 Annual Symposium Agenda

10:45 AM – 11:15 AM

**Karen Mestan, MS, MD | Professor and Division Chief,
Department of Pediatrics, Division of Neonatology, UC San
Diego**

*“Molecular Epidemiology of Preterm Birth: Not all preemies are
the same”*

NICU Experiences

Moderator: Eniko Sajti, MD, PhD

11:15 AM – 11:45 AM

**Ashwini Lakshmanan, MD, MS, MPH | Associate Professor,
Clinical Pediatrics and Population and Public Health Sciences,
USC Keck School of Medicine | Section Head, Epidemiology and
Outcomes, Fetal and Neonatal Institute, Division of
Neonatology, Children's Hospital Los Angeles**

*“Improving the family experience: addressing the triple aim
in the neonatal intensive care unit”*

11:45 AM – 12:00 PM

Preterm Birth: Patient Perspectives

12:00 PM – 1:00 PM

Lunch Break

Big Data and Omics

Moderator: Nicole Coufal, MD, PhD

1:00 PM – 1:30 PM

**Amanda Lewis, PhD | Professor, Department of
Obstetrics, Gynecology, and Reproductive Sciences | Co-
Director, Glycobiology Research and Training Center, UC
San Diego**

*“Friend or Foe? Roles of the vaginal microbiome in
reproductive health”*

1:30 PM – 2:00 PM

**Ina Stelzer, PhD | Postdoctoral Researcher, Stanford
University**

*“Single-Cell Mass Cytometry to study the Immunome of Term and
Preterm Pregnancies”*

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Center for Perinatal Discovery 2022 Annual Symposium Agenda

2:00 PM – 2:30 PM

Hanno Steen, PhD | Director of Proteomics and Associate Professor, Department of Pathology, Harvard University | Staff Scientist, Boston Children's Hospital

"Big Data from Little Samples: Using Proteomics to Monitor Health and Disease in Newborns"

2:30 PM – 2:45 PM

Coffee Break

2:45 PM – 3:15 PM

Debashis Sahoo, MS, PhD | Associate Professor, Department of Pediatrics and Computer Science and Engineering, UC San Diego

"Data science for translational research programs"

Therapeutics to Mitigate Effects of Preterm Birth

Moderator: Marni Jacobs, PhD

3:15 PM – 3:45 PM

Cynthia Gyamfi-Bannerman, MD, MS, FACOG | Chair and Professor, Department of Obstetrics, Gynecology, and Reproductive Sciences, UC San Diego

"Prevention of Preterm Birth: Current and Emerging Strategies"

3:45 PM – 4:00 PM

Julie Ryu, MD | Chief Research Informatics Officer, Department of Pediatrics

Clinical Professor of Pediatrics, Division of Pediatric Respiratory Medicine, UC San Diego

"Postnatal Steroids, it depends on what you are treating"

4:00 PM – 4:15 PM

Closing Remarks