



Center for Perinatal Discovery 2020 Virtual Opening Symposium

September 26, 2020, 9:00 am – 4:00 pm
Via Zoom Only

UC San Diego is pleased to present the 1st Annual Symposium of the Center for Perinatal Discovery!

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



Keynote Speaker

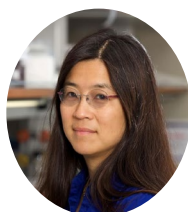
Sarah England, PhD
Professor, Washington University
Department of OB/GYN

Speaking on
“The Effect of Chronodisruption on Pregnancy 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

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 6.0 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.

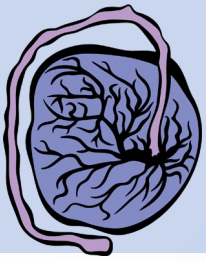


UC San Diego
SCHOOL OF MEDICINE

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STAR LEGACY
FOUNDATION
www.starlegacyfoundation.org



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Agenda

09:00 - 09:15 *Opening Remarks*

Mana Parast, MD PhD | UC San Diego, Pathology

Professor

Director of Perinatal Pathology

Division of Anatomic Pathology

Louise Laurent, MD PhD | UC San Diego, OB/GYN & Repro Sciences

Professor

Vice Chair for Translational Research

Division of Maternal Fetal Medicine

09:15 - 09:30 **Lindsey Wimmer, RN, MSN, CPNP, CPLC | Star Legacy Foundation,
Founder/Executive Director of Star Legacy Foundation**

"How I Became a Mom..."

Session #1

09:30 - 10:00 **Sandy Ramos, MD | UC San Diego, OB/GYN & Repro Sciences, Professor**

"Long term complications of Diabetes in Pregnancy on offspring and mother"

10:00 - 10:30 **Francesca Soncin, PhD | UC San Diego, Pathology, Assistant Professor**

"The Inside-out of human trophoblast progenitors in early placenta development"

10:30 - 10:45 *INTERMISSION*

Session #2

10:45 - 11:00 **Kathy Zhang-Rutledge, MD | UC San Diego, OB/GYN & Repro Sciences,
Maternal Fetal Medicine Fellow**

"Metabolomic Biomarkers for Pre-eclampsia Prediction"

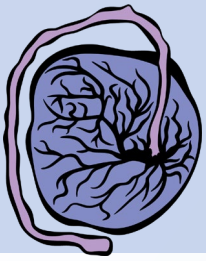
11:00 - 11:30 **Jerasimos Ballas, MD | UC San Diego, OB/GYN & Repro Sciences,
Assistant Professor**

AND

**Lauryn Gabby, MD | UC San Diego, OB/GYN & Repro Sciences,
Maternal Fetal Medicine Fellow**

"COVID-19 in Pregnancy"

(Schedule continued on next page)



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11:30 - 11:45 **Marni Jacobs, PhD | UC San Diego, OB/GYN & Repro Sciences, Assistant Professor**
“Apolipoprotein E genotype as a risk factor for poor birth outcomes”

11:45 - 12:45 **LUNCH BREAK**

Session #3

12:45 - 01:15 **Shaochen Chen, PhD | UC San Diego, NanoEngineering, Chair and Professor**
“Rapid 3D Bioprinting for Tissue-on-a-Chip”

01:15 - 01:30 **Barbara Durrant, PhD | San Diego Zoo Global, Director of Reproductive Sciences**
“The ART of Species Recovery”

01:30 - 01:45 **Oliver Ryder, PhD | San Diego Zoo Global, Director of Conservation Genetics**
“Assessing and reducing extinction risk: A role for cryobanking cell cultures”

01:45 - 02:00 **INTERMISSION**

Session #4

02:00 - 02:30 **Jianhua Shao, PhD | UC San Diego, Pediatrics, Pediatrics**
“Hormonal regulation of maternal and fetal glucose metabolism”

02:30 - 03:00 **Susan Powell, PhD | UC San Diego, Psychiatry, Professor**
“Maternal immune activation impairs social and cognitive behavior and alters cortical gene expression”

03:00 - 03:50 **KEYNOTE**

Sarah England, PhD | Washington University, OB/GYN, Professor
“The Effect of Chronodisruption on Pregnancy Outcomes”

03:50 – 04:00 **Closing Remarks** by Mana Parast and Louise Laurent