

# 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”**

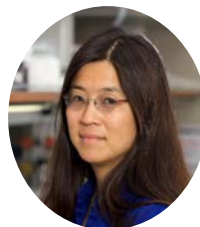
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*Hosted by Co-Directors*

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**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 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.

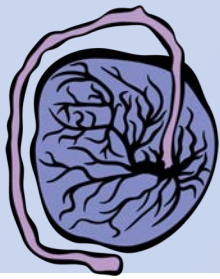


**UC San Diego**  
SCHOOL OF MEDICINE

For further information, please contact:  
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**STAR LEGACY**  
FOUNDATION  
[www.starlegacyfoundation.org](http://www.starlegacyfoundation.org)



# Center for Perinatal Discovery 2020 Virtual Opening Symposium **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"*

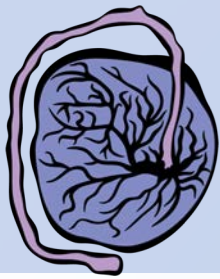
**11:00 - 11:30** **Jerasimos Ballas, MD | UC San Diego, OB/GYN & Repro Sciences,  
Assistant Professor**

**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, Professor  
*“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