Agenda:

Sex Differences Across the Lifespan
Focusing on Cardiometabolism & Mental Health

National Conference | October 23 – 25, 2024  | The Broadmoor Hotel  | Colorado Springs, Colorado
Wednesday | 10/23/2024 | Sex Differences Across the Lifespan

**Conference Check-in**

Room: West Ballroom Foyer

12:00 PM – 3:00 PM

**Scientific Session I**

*20-minute presentations followed by a 15-minute panel discussion*

**Topic**

*It takes two: Maternal health and paternal influences on pregnancy outcomes*

**Chairs**

*Yoel Sadovsky, MD (Magee-Womens Research Institute, University of Pittsburgh)*  
*Laura Brown, MD (University of Colorado School of Medicine)*

**Speakers**

*Impact of Paternal Stress on Sperm and Offspring Outcomes*  
– Tracy Bale, PhD (University of Colorado School of Medicine)

*Dynamic Modeling on the Development of Preeclampsia*  
– Leslie Myatt, PhD, FRCOG (Oregon Health & Science University)

*Lifestyle Interventions in Obese Women to Improve Maternal Metabolism and Offspring Outcomes*  
– Patrick Catalano, MD (Tufts University School of Medicine)

*Longitudinal Assessment of Glycemia in Health, Non-Diabetic Pregnant Women*  
– Uma Reddy, MD, MPH (Columbia University Irving Medical Center)

**Five-Minute Data Blitz**

Room: West Tower Lobby  |  Food: Hors d’oeuvres and cocktails

6:00 PM – 7:00 PM

**Cocktail Reception**

Room: West Ballroom Foyer  |  Food: Plated Dinner

7:00 PM – 9:00 PM

**Opening Dinner**

*Conference Attendees & Community Members*

Welcome to the 2024 National Conference

Remarks  
*Judy Regensteiner, PhD (University of Colorado School of Medicine)* – Introductory Remarks
Thursday  10/24/2024 | Sex Differences Across the Lifespan

7:00 AM
Room: West Ballroom Foyer | Food: Breakfast Buffet

▶ Breakfast Opens

7:30 AM – 9:35 AM
Room: West Ballroom

▶ Scientific Session II

20-minute presentations followed by a 15-minute panel discussion

Topic: Cardiovascular Disease in Women: What have we learned?

Chairs: JoAnn Lindenfeld, MD (Vanderbilt University School of Medicine)
Erin Michos, MD (Johns Hopkins School of Medicine)

Speakers:
- Heart Failure in Women: Past and Present
  – JoAnn Lindenfeld, MD (Vanderbilt University School of Medicine)
- Sex Differences in Cardiovascular Disease
  – Erin Michos, MD (Johns Hopkins School of Medicine)
  – Speaker 3
  – Speaker 4

▶ Five-Minute Data Blitz

9:35 AM – 9:55 AM
Food: Beverage service (coffee, tea)

▶ Break
Thursday  10/24/2024  |  Sex Differences Across the Lifespan

9:55 AM – 12:00 PM  |  Room: West Ballroom

**Scientific Session III**

*20-minute presentations followed by a 15-minute panel discussion*

**Topic**  
Obesity and Diabetes in the era of durable weight loss

**Chairs**  
Jane Reusch, MD (University of Colorado School of Medicine)

**Speakers**  
Does behavior change matter anymore?  
– Judy Regensteiner, PhD (University of Colorado School of Medicine)

- Topic 2
  - Speaker 2
- Topic 3
  - Speaker 3
- Topic 4
  - Speaker 4

**Five-Minute Data Blitz**

12:00 PM – 12:15 PM  |  Room: West Ballroom Foyer  |  Food: Lunch Buffet

**Break**

12:15 PM – 1:30 PM  |  Room: West Ballroom  |  Food: Lunch Buffet

**Lunch Networking Session**

1:30 PM – 2:00 PM  |  Food: Beverage service (coffee, tea)

**Break**
2:00 PM – 4:05 PM  Room: West Ballroom

 cita Scientific Session IV
20-minute presentations followed by a 15-minute panel discussion

Topic Maternal Mortality -- a U.S. tragedy

Chairs Nanette Wenger, MD (Emory University School of Medicine)
Amy Huebschmann, MD (University of Colorado School of Medicine)

Speakers “Maternal Mortality – can a U.S. tragedy be reversed?” – Nanette Wenger, MD (Emory University School of Medicine)
Hypertensive and Diabetic Complications of Pregnancy: Long-term Implications for Both Mother and Offspring – Kathryn Lindley, MD (Vanderbilt University School of Medicine)
The role of prevention: implementing community-engaged pre-conception counseling in the U.S. – Natalie Hernandez, PhD, MPH (Morehouse School of Medicine)
Exciting Advances to Improve Maternal Health from South of the U.S. Border – Johanna Contreras, MD (Mount Sinai School of Medicine)

Five-Minute Data Blitz

4:05 PM – 5:30 PM  Room: West Ballroom  |  Food: Hors d'oeuvres and cocktails

Judged poster session & reception

5:30 PM – 7:30 PM  Room: Main Ballroom  |  Food: Casual dinner with food stations

Casual dinner
7:00 AM

**Breakfast Opens**

7:30 AM – 8:15 AM

**Keynote Address**

8:15 AM – 9:50 AM

**Scientific Session V**

*20-minute presentations followed by a 15-minute panel discussion*

**Topic**  
Big data and women’s health: genes and behavior

**Chairs**  
Casey Greene, PhD (University of Colorado School of Medicine)  
Noémie Elhadad, PhD (Columbia University Vagelos College of Physicians and Surgeons)

**Speakers**  
Genetics – Barbara Stranger, PhD (Northwestern University Feinberg School of Medicine)  
Machine Learning and women’s health - new frontiers  
– Noémie Elhadad, PhD (Columbia University Vagelos College of Physicians and Surgeons)  
Machine Learning-based Detection and Prediction of Sex Differences  
– Casey Greene, PhD (University of Colorado School of Medicine)  
Integrative Informatics and Preterm Birth – Marina Sirota, PhD (University of California, San Francisco School of Medicine)

9:50 AM – 10:15 AM

**Break**
Scientific Session VI

20–minute presentations followed by a 15-minute panel discussion

**Topic**  
**Mental Health in Women:** Looking forward

**Chairs**  
Neill Epperson, MD (University of Colorado School of Medicine)  
Tracy Bale, PhD (University of Colorado School of Medicine)

**Speakers**  
**Sex and gender differences in mental health across the lifespan**  
– Neill Epperson, MD (University of Colorado School of Medicine)

**Addiction in women** – Jill Becker, PhD (University of Michigan School of Medicine)

**Role of Sex and hormones on the brain**  
– Liisa Galea, PhD (University of Toronto Institute of Medical Science)

**Mental health of the pregnant and postpartum maternal brain**  
– Kathleen Morrison, PhD (West Virginia University School of Medicine)

Five–Minute Data Blitz

12:20 PM – 12:30 PM  
Room: West Ballroom Foyer  
Food: Boxed lunch

Judy Regensteiner, PhD, Closing Remarks

12:30 PM – 2:30 PM  
Room: McGrew Room  
Food: Plated lunch

Community Session Lunch Panel
We Look forward to seeing you!

Sex Differences Across the Lifespan
Focusing on Cardiometabolism & Mental Health

National Conference | October 23 – 25, 2024 | The Broadmoor Hotel | Colorado Springs, Colorado