

**Reproductive & Perinatal Biology Seminar**  
**Sponsored by**  
**The D. H. Barron Reproductive & Perinatal Biology Research Program**  
**and the Perinatal Outcome Research Center (RPBO Seminar Series)**  
**Spring 2021**  
**Wednesday 4:00-5:00 PM**  
**Via Zoom**

- February 3:       Barns, mountains & oceans, the journey to eliminating IUGR & runting  
**Helen Jones, PhD**  
Associate Professor  
Department of Physiology and Functional Genomics
- February 10:     Deciphering the genetic basis of dairy cattle fertility  
**Francisco Peñagaricano, PhD**  
Assistant Professor  
Department of Dairy and Animal Sciences, University of Wisconsin-Madison
- February 17:     Late gestation heat stress: updates on the programming effects on dam and daughter  
**Geoffrey Dahl, PhD**  
Harriet B. Weeks Professor  
Department of Animal Sciences, University of Florida
- February 24:     Crosstalk between oocyte and follicular cells: implications for oocyte competence and metabolism  
**Felipe Perecin, DVM, PhD**  
Associate Professor  
Department of Veterinary Medicine, University of Sao Paulo, Brazil
- March 3:         Understanding endometrial function for fertility, food, and health  
**Niamh Forde, PhD**  
Associate Professor  
School of Medicine, University of Leeds
- March 10:        Biotechnology, genomics, and reproduction: the ultimate ménage à trois  
**Alison Van Eenennaam, PhD (2021 A.C. Warnick Lecturer)**  
Extension Specialist  
Department of Animal Science, University of California-Davis

- March 17: Modest chronic maternal hypercortisolemia in late gestation alters cardiac function of surviving newborn lamb  
**Mengchen Li**  
PhD Candidate  
Department of Physiology and Functional Genomics, University of Florida
- March 24: Fibroblast growth factors and fertility in ruminants  
**Christopher Price, PhD**  
Professor and Chair  
Faculty of Veterinary Medicine, University of Montreal, Canada
- March 31: Approaches for porcine embryo gene editing  
**Paula Rodriguez Villamil, PhD**  
Embryology Lab Director  
Recombinetics, Inc.
- April 7: Primary cilia as signaling hubs in the male reproductive system  
**Clemence Belleannee, PhD**  
Associate Professor  
Department of Obstetrics, Gynecology and Reproduction  
Université Laval, Quebec, Canada
- April 14: Improved bovine embryo production in an oviduct-on-a-chip system  
**Marcia Ferraz, DVM, PhD**  
Professor  
Gene Center, Ludwig-Maximilians University of Munich, Germany
- April 21: Exploring the molecular basis of maternal benefits of lactation  
**Adetola Louis-Jacques, M.D.**  
Assistant Professor  
University of South Florida