8:00-9:00  Registration and Continental Breakfast

9:00 – 9:10  R. Stan Williams, Welcome

9:10-10:00  “Systems biology perspectives to pregnancy and preterm birth”
Keynote Speaker, Irina Buhimschi, Assistant Professor, Yale University

10:00-10:15  “Equine Placentitis: What Have We Learned”
Margo Macpherson, DVM, Lrg Animal Clinical Sciences

10:15-10:30  “Relaxin stimulates trophoblast invasion - Relaxin at the fetal-maternal interface”
Kirk Conrad, M.D., Professor, Physiology Functional Genom

10:30-10:45  “The Relationship between Ecosystemic Stress & Academic Performance: A Life Course Health Perspective”
Eric Thompson, Research Assistant,

10:45-11:00  “Rapid Point-of-Care Detectors for Biomarkers”
Greg Schultz, Ph.D. Professor, ObGyn

11:00-11:15  “Genetic Control of Embryonic Resistance to Stress”
Peter Hansen, Ph.D., Distinguished Professor, Animal Sciences

11:15-11:30  “Trophoblast Cell Migration is Stimulated by FGF in ruminants”
Alan Ealy, Ph.D., Animal Sciences

11:30-11:45  “Normal Renal Adaptations to Pregnancy: Why they are important”
Chris Baylis, Ph.D., Professor, Physiology

11:45-12:00  “MicroRNA Function in the Endometrium”
Xiaoping Luo, M.D., Assistant Professor, ObGyn
12:00-1:00  Barbeque LUNCH on TREEO Grounds

1:00-2:00  “A view of preeclampsia as a protein misfolding disorder”
Irina Buhimschi, M.D., Assistant Professor, Yale University

2:00-2:15  “Regulation of Pluripotency and Differentiation of the Inner Cell Mass & Trophectoderm by CSF2”
Kyle Dobbs, Graduate Student, Animal Sciences

2:15-2:30  “Interpregnancy Interval as an Indicator of Child Maltreatment”
Erika Manion, MPH, Doctoral Student, University of South Florida

2:30-2:45  “Single administration of a new contraceptive RTI-4587-073(1) causes severe & reversible oligospermia in stallions but does not affect sexual behavior”
Malgorzata Pozor, Asst Professor, Lrg Animal Clinical Sciences

2:45-3:00  “Epigenetic Modulation of Neural Regulation by Perinatal Nicotine and Intrauterine Infection”
Linda Hayward, Assoc Professor/Professor, Physiology Sciences/Infectious Disease & Pathology

3:00-3:15  “miR-25/93/106b Potential Function in Tissue Turnover”
Tsai Chaung, Ph.D., Post Doctoral Fellow, ObGyn

3:15-3:30  “A mouse model of prolonged very prolonged parturition”
Tony Gregg, M.D., Chief, Maternal-Fetal Medicine

3:30-4:30  Research Networking “Reception”