

**Twenty-fifth Annual Dr. Raymond O. Berry Memorial Lecture and
Thirteenth Annual Interdisciplinary Faculty of Reproductive Biology (IFRB) Retreat
October 18, 2019
Prairie View A&M University, Prairie View, TX**

13th Annual IFRB Retreat



9:00 A.M. through 10:00 A.M **Registration** (however, feel free to arrive later)
All introductions of speakers for the IFRB Retreat by **Ky Pohler**

9:30 A.M. Faculty Presentation **Joe Arosh**
“Corpus luteum survival and establishment of pregnancy in ruminants: a molecular and cellular revisitation of concepts”

9:55 A.M. Trainee Presentation **Yudi Bedi**
“Paternal alcohol consumption alters the sperm epigenome and leads to fetal growth restriction”

10:10 A.M. Trainee Presentation **Robyn Moses**
“Utilization of glucose and fructose by ovine conceptuses during the peri-implantation period of pregnancy”

10:25 P.M. Trainee Presentation **Marcus Orzabal**
“Impact of electronic cigarette aerosol on pregnancy and development”

10:40 P.M. Trainee Presentation **Tatiane Maia**
“Do pre and postnatal nutrition interact to program reproductive phenotype in sexually mature heifers?”

10:55 A.M. **Poster Session and Lunch** held concurrently (Lunch catered)

1:00 P.M. Trainee Presentation **Nick Holloway**
“Evidence for expression of the sodium iodide symporter (NIS) in novel neural and ovarian locations in teleost fish”

1:15 P.M. Trainee Presentation **Camilo Hernandez-Aviles**
“A study of energy substrates for equine spermatozoa subjected to cooled storage”

1:30 P.M. Trainee Presentation **Xin Fang**
“New insights into testicular granulosa cell tumor development”

1:45 P.M. Trainee Presentation **Gessica Franco**
“Male contribution to pregnancy loss in cattle”

2:00 P.M. Faculty Presentation **Guoyao Wu**
“Adverse impacts of maternal exposure to air pollution during gestation on organogenesis and long-term metabolic health in rat offspring”

2:30 P.M. **Break and Refreshments**

Celebrating the 25th Dr. Raymond O. Berry Memorial Lecture

3:15 P.M. **Welcome and Introductions:** Fuller W. Bazer

3:30 P.M. **Memories of Dr. Raymond O. Berry:** Bill Foxworth

3:45 P.M. **Dr. Raymond O. Berry Memorial Lecture:** **A theory of maternal immunity**, Elizabeth A. Bonney, MD, MPH, Professor and Head, Division of Reproductive Sciences, Department of Obstetrics, Gynecology and Reproductive Sciences, College of Medicine, University of Vermont