

Clinical and Applied Science Research Presentations
Food Animal, Group B
Phi Zeta Research Day
March 10, 2015, 1:15-4:00pm
301 Trotter Hall

- 1:15 – 1:30 **Hailey Clemons** – Assessment of *Ornithodoros* Tick Parasitism: Lipocalin Proteins as Targets for Detecting Anti-tick Antibodies in Domestic and Feral Swine
- 1:30 – 1:45 **Mohammad M. Hossain** – Fluorescence Microsphere Immunoassay (FMIA) for the Detection of Envelope Glycoproteins E2 and E^{rns} Specific Antibodies in Bovine Viral Diarrhea Virus (BVDV) Infected Cattle
- 1:45 – 2:00 **Felicia Giok** – Antimicrobial resistance in probiotic preparations used in cattle
- 2:00 – 2:15 **L. Paulina Maldonado** – Characterization of *Salmonella enterica* Isolates from Feces of Feedlot Cattle Using Pulsed-Field Gel Electrophoresis
- 2:15 – 2:30 **Charley A. Cull** – Feedlot- and pen-level prevalence of Shiga toxin-producing *Escherichia coli* in feces of commercial feedlot cattle in two major cattle feeding states
- 2:30 – 2:45 **Break**
- 2:45 – 3:00 **Pragathi B. Shridhar** – Spiral plate- and real-time PCR-based quantification of non-O157 Shiga toxin-producing *E. coli* in cattle feces
- 3:00 – 3:15 **Jacob Hagenmaier** – The Effects of High-stress versus Low-stress Cattle Handling at the Time of Shipping to Slaughter on Physiological Responses in Cattle fed Ractopamine Hydrochloride
- 3:15 – 3:30 **Margaret Stephens** – A comparison of performance, carcass characteristics and meat quality from intact male beef cattle relative to castrated male beef cattle administered growth promotion technology
- 3:30 – 3:45 **Elsie Suhr** – Horn Growth during Feedlot Finishing Period
- 3:45 – 4:00 **Tiffany L. Lee** – Current Feedlot Cattle Health and Well-Being Program Recommendations in the United States and Canada: The 2014 Feedlot Veterinary Consultant Survey

5:00 – 6:00 pm **Reception and Awards Ceremony** Frick Auditorium and Foyer, 2nd Floor, Mosier Hall

- Initiation of New Members to Phi Zeta
- Announcement & Presentation of Awards Recognizing Research & Scholarship Accomplishments
- Closing Comments