

GRADUATE STUDENTS – MACHADO’S LAB – TEXAS TECH UNIVERSITY

2020

- Maria Luiza Celestino – MSc – Thesis: “Strategies to Improve Health and Performance of Transported High-Risk Dairy Calves”
- Paulo Menta – MSc – Thesis: “Calcium and Energy Balance of Early Lactation Jersey Cows and Ionized Calcium Stability of Bovine Whole Blood”

Current students

- Leticia Fernandes – MSc – Thesis: “Epidemiology of intramammary infections in dairy cows raised under organic management”. Expected graduation: 2021
- Paulo Menta – PhD – Dissertation: “Strategies to control postpartum disease and promote judicious use of antimicrobial drugs in dairy cows”. Expected graduation: 2023

Prospect students

- Hannah Cox. Start MSc in Summer 2021
- Daniela Paiva. Start MSc in Summer 2021
- L. Paige Bielamowicz. Start MSc in Fall 2021

GRADUATE STUDENTS – BALLOU’S LAB – TEXAS TECH UNIVERSITY

2018

- Emily Davis. MSc – Thesis: “Impacts of Various Milk Replacer Supplements on the Health and Performance of High-Risk Dairy Calves.”
- Yu Liang. Ph.D. – Dissertation: “Effects of Various Nutritional Supplements on the Development, Innate Immunity, and Gastrointestinal Health of Young Dairy Calves.”
- Alyssa Word. Ph.D. – Dissertation: “Evaluation of Yeast, Non-Steroidal Anti-Inflammatory, and Metaphylaxis Products in Feedlot Cattle: Mitigation of Bovine Respiratory Disease and Feedlot Performance.”

2019

- Lauren Rietsma. MSc – Thesis: “Effects of Oral Calcium Bolus Supplementation on Immune Cell Calcium Flux and Functionality in Primiparous and Multiparous Dairy Cows.”

2020

- Courtney Hoff. MSc – Thesis: “The Effect of Intranasal Vaccination on the Development of Local Humoral and Cell-Mediated Immune Responses in Dairy Calves.”

- Benjamin Kasl – Ph.D. – Dissertation: “The Effects of Nutritional and Feeding Management Factors on the Abomasal Environment in Preweaned Dairy Calves.”

2021

- Kayla Wallace. MSc – Thesis: “Effects of Various Nutritional Interventions on the Health and Performance of Holstein Bull Calves Following an *Eimeria Bovis* Infection.”

Current Students

- Emily Davis. Ph.D. – Dissertation: “Biotxin Adsorption Efficacy in Livestock Production Systems” (Co-advised with Dr. Machado)
- Maria Augustina Eizmendi. MSc – Thesis: “Application of Pegbovigrastim as a Dry Cow Therapy for the Prevention of New Intramammary Infections.” (Co-advised with Dr. Machado)
- Deanna Langenkamp. MSc – Thesis: “Influence of Triacylglycerol Source and Vitamins and Trace Mineral Supplementation on the Performance and Health of Preweaned Dairy Calves fed a Component-Based Milk System.”