

# Kalley Fikes

Equine Professional, Lab Coordinator

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Committed and engaging equine professional with a Master of Science bringing exceptional lecturing skills and expertise in Equine Science. Gifted in engagement and guidance of students with 5 years in a collegiate setting.



## Skills

- ◆ Group and individual instruction
- ◆ Student-centered learning
- ◆ Curriculum Design
- ◆ Experiential learning
- ◆ Building Industry Relationships



## Work History

- ◆ **May 2019 - Current** - **Lab Coordinator and Facility Manager**  
*Sam Houston State University, Huntsville, TX*
  - Assist with labs in animal science classes including equine science, meat science, and horticulture
  - Manage facilities at Ag Center and Horticulture Center including custodial, pest control, internet, and building components
  - Manage all paperwork associated with Equine barn including health paperwork and client contracts
  - Monitored overall health and well-being of 20-30 horses utilized by the university, paying attention to signs of concern.
  - Trained and supervised barn workers in animal care procedures, maintenance duties and safety precautions.
  - Operated tractor, arena drag, truck and gooseneck horse trailer to perform arena care, barn maintenance, manure disposal, and horse transport.
  - Created relationship with Purina Animal Nutrition to sponsor horse feed for SHSU equine programs

- Managed budget for the SHSU Equine program by sending invoices, receipting payments, creating purchase orders, and reviewing budget biannually with the department
- Maintain standards set by the IACUC for animal welfare
- Maintain standards set by USDA for animal welfare and food safety
- Maintain all equipment related to labs
- Create purchase orders as needed for lab supplies
- Coordinate with Gibbs Ranch for large-scale improvement projects
- Assist with horticulture plant maintenance

◆ **Jan 2018 -  
Current**

### **Instructor**

*Sam Houston State University, Department of Agriculture Science, Huntsville, TX*

- Equine Safety and Handling (EQSC 2365) Initiated class to introduce necessary skills for industry involvement, including correct use of restraint, first aid, and administering IV or IM injections

◆ **Jan 2018 -  
May 2023**

### **Instructor**

*Sam Houston State University, Department of Agriculture Science, Huntsville, TX*

- Farrier Science (EQSC 4369) Taught lecture and lab sessions on lower limb and hoof anatomy and physiology, as well as appropriate procedures for trimming hooves

◆ **Aug 2017 -  
May 2019**

### **Instructor**

*Sam Houston State University, Department of Agriculture Science, Huntsville, TX*

- Equine Science (EQSC 2364) Taught lecture and lab sessions on introductory concepts in the equine industry and necessary skills for the industry, including haltering, taking vital signs, and saddling
- Equine Behavior and Training (EQSC 3340 and 4391) Taught students with various levels of experience the fundamentals for starting horses under saddle, beginning with groundwork and ending with a horse trained for ranch-type work

◆ **Aug 2015 -  
May 2017**

### **Teaching Assistant**

*Texas A&M University, Department of Animal Science, College Station, TX*

- Equine Safety and Handling (ANSC 221) Presented both lecture and lab lessons including appropriate methods for approaching, haltering, and leading horses, correct procedures for the use of restraint, and protocols for administering oral medication and IV or IM injections
- Senior Seminar (ANSC 481) Instructed lab sessions focusing on presentation style, content, and format

◆ **May 2015 -  
Jul 2015**

### **Instructor**

*Texas A&M University, Summer Horsemanship School, College Station, TX*

- Taught basic horsemanship to riders of various ages, skill levels, and backgrounds
- Worked with horses at various levels of training within multiple western disciplines



## Education



### Aug 2017 **Master of Science in Animal Science, Equine Nutrition**

Texas A&M University - College Station, TX

Thesis: Effect of bioactive plasma protein supplementation on gait kinematics and systemic inflammatory markers in mature horses



### May 2014 **Bachelor of Science in Animal Science**

Texas A&M University - College Station, TX



### May 2011 **Associate's Degree in General Studies**

Wharton County Junior College - Wharton, TX



## Certifications



Jan 2023 CHA Level 4 Equine Facility Manager



## Research and Publications



- Effect of bioactive proteins on gait kinematics and systemic inflammatory markers in mature horses; K Fikes, J Coverdale, J Leatherwood, J Campbell, T Welsh, Jr., C Hartz, M Goehring, A Millican, A Bradbery, T Wickersham; *Translational Animal Science*, Volume 5, Issue 1, January 2021
- Serological and molecular detection of Anaplasma spp. in blood from healthy horses: A preliminary study of horses in east Texas; A Russell, N Shost, M Burch, L Salazara, K Fikes, J Bechelli, J Suagee-Bedore; *Journal of Equine Veterinary Science*; Volume 106, November 2021
- Fifteen potential benefits of rice bran oil for lightly worked young horses; K Mowry, T Thomson, C Morales, R Smith, K Fikes, J Suagee-Bedore; *Journal of Animal Science*; Volume 100 (Suppl 1), March 2022
- Effects of crude rice bran oil and a flaxseed oil blend in young horses engaged in a training program; K Mowry, T Thomson-Parker, C Morales, K Fikes, K Stutts, J Leatherwood, M Anderson, R Smith, J Suagee-Bedore; *Animals*, Volume 12, November 2022
- Impact of oral phytozen EQ supplementation on plasma cortisol and behavior response of young horses exposed to stressful stimuli; T Thomson-Parker, K Fikes, M Anderson, A Wagner, I Girard, J Suagee-Bedore; *Journal of Equine Veterinary Science*; Volume 127, August 2023