

Emily K. Brown

emily.k.brown@ttu.edu

EDUCATION

Texas Tech University, College of Agricultural Sciences and Resources **Lubbock, TX**
Bachelor of Science in Animal Science Concentration in Production August 2019 - May 2024

Texas Tech University, College of Agricultural Sciences and Resources **Lubbock, TX**
Master of Science in Wildlife, Aquatic, and Wildlands Science and Management August 2024 -
Expected Graduation date: May 2026

EXPERIENCE

Natural Resource Management Department, Graduate Research Assistant **Lubbock, TX**
August 2024 – Present

- Conduct research focused on ruminant nutrition, sustainability, and agronomy
- Participate in fieldwork and the collection of vegetation and soil samples
- Communicate with interns, research assistants, and other graduate students
- Practice safe animal handling when applicable
- Present research for multiple graduate level research projects under the guidance of my principal investigator and graduate committee members

Natural Resource Management Department, UG Research Assistant **Lubbock, TX**
September 2023 – August 2024

- Conducted a variety of research including measurement and data collection
- Participated in fieldwork and collection of samples for research
- Practiced safe animal handling when applicable
- Communicated with interns, other research assistants, and graduate students
- Conducted and presented research for an undergraduate project under the guidance of my PhD mentor and advisor

CORE laboratory, Husbandry Staff Member **Lubbock, TX**
September 2022 – August 2024

- Practiced proper care and handling of dogs
- Fed and participated in HAI (human-animal interaction) including walking and playing
- Participated in daily cleaning of kennels and lab materials
- Communicated with coworkers, USDA, and IACUC to ensure the proper care and management of the lab and lab animals

US Dairy Education and Training Consortium, Internship **Clovis, NM**
May 15 - June 25, 2023

- Learned concentrated modern curriculum in large dairy herd management
- Evaluated the care necessary for each stage of life for a dairy cow specifically nutrition, reproduction, and production needs and performance
- Gained understanding of finances and business practices used in the dairy industry

- Practiced safe animal handling during milking, sample collection, and moving cattle

Market Street, Streetside Department Assistant Manager

Lubbock, TX
September 2021 – January 2023

- Picked quality groceries for curbside pick-up and delivery services
- Conversated with customers to guarantee order satisfaction and to resolve issues
- Arranged employee shifts and supervised employees to ensure orders were being completed in a timely manner
- Communicated with employees from other departments to complete orders accurately

Sunset Canyon Veterinary Clinic, Veterinary Technician

Dripping Springs, TX
August 2020 - August 2021

- Practiced proper handling of large and small animals
- Assisted veterinarians with appointments, euthanasia, emergency procedures, and surgery
- Communicated with clients about proper care, medication use, vaccinations, and more
- Drew blood, fecal, and urine samples for surgery and diagnostic purposes

PRESENTATIONS

Morphophysiological Effects of Wind on Drought Stressed Sorghum

TTU Davis College Graduate Research Competition

Lubbock, TX
April 2024

Comparison of Alternative Cool-Season Forages for the Texas High Plains

American Society of Animal Science Western Section Conference

Arlington, TX
April 2025

Evaluating Physical and Morphological Effects of Drought Stress on Sorghum Spp.

TTU Davis College Graduate Research Competition

Lubbock, TX
September 2024

In Vitro Digestibility Analysis of Forage Options for Water Limited Environments

NRM Research Day Poster Competition

Lubbock, TX
April 2024

Evaluating Feeding Strategies for Reproductive Game Elk

TTU Davis College x Agri Stem Poster Presentation

Lubbock, TX
April 2024

ACHIEVEMENTS

Texas Tech University

Davis College Undergraduate Research Grant

Lubbock, TX
December 2024

Texas Tech University

Presidents Honor List

Lubbock, TX
May 2020