

Taylor S. Daily — BRI Undergraduate Researcher

Hello my name is Taylor Daily and I am a resident of Lubbock, Texas. I am currently a senior at Texas Tech University studying Natural Resource Management with a concentration in Wildlife Biology. Growing up outside of the city limits is where my love for wildlife began; here I spent most of my time catching anything and everything I could get my hands on. I always find myself to be the most joyful when hunting, fishing, or just being outdoors. The summer of 2016 I worked with Pronghorn Antelope in central New Mexico and discovered my passion for big game species. During the fall of 2016 I volunteered on a mule deer capture that was a collaborative research project between Texas Tech University, Sul Ross State University (SRSU), Texas A&M University Kingsville, and Texas Parks and Wildlife. At this capture I met several people from SRSU that helped me get started on my own undergraduate research project with the Borderlands Research Institute. I plan on pursuing a M.S. degree and one day working as a big game biologist.



Nutritional Quality of Mule Deer Forage in the Texas Panhandle

16 December 2016 — 31 August 2017

I am working with graduate student Jacob Lampman (SRSU/BRI) on his master's project pertaining to how agriculture influences mule deer diets in the Texas Panhandle. I assist him with native and agricultural forage sample collection, fecal sample collection, monitoring via telemetry, and processing of samples. Separately, I am researching the nutritional quality of native and winter wheat forage for mule deer in the Texas Panhandle. Once samples have been dried to a constant mass, I grind them and perform analyses for crude protein, digestible energy, calcium, and phosphorous levels within a laboratory setting. The objective of this study is to see if Texas Panhandle mule deer are meeting winter and spring nutritional requirements, and if winter wheat is a significant factor in meeting or exceeding those requirements.



The BRI Undergraduate Research and Mentorship Program is proudly supported by a grant from the Houston Livestock Show and Rodeo.