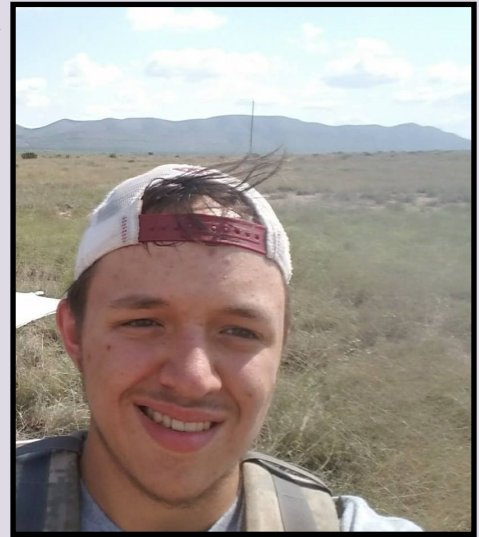


# Cordell R. Argumaniz — BRI Undergraduate Researcher

My name is Cordell Argumaniz, and I am from Kempner, TX. Born in Ft. Stewart, GA, my family was military, giving me a lot of time traveling between stations prior to turning 7, when our family was stationed at “The Great Place”, Ft. Hood, TX. I attended many schools between those times and finished up my pre-college education at Lampasas High School in 2016. While in high school I became interested in plant identification, joining the F.F.A. and participating in competitions. It was here that I began to lay out my future as a Natural Resource Management major, working alongside with my local NRCS agents to improve my identification skills. Prior to graduating I began doing research on what colleges nearby could provide the education I needed to pursue my goals. Once I discovered Sul Ross State University, I fell in love with the surrounding sights and the promises of hands-on education opportunities. Since enrolling I have seen these promises fulfilled, going on many captures including Montezuma quail, mule deer, and grassland birds. Currently I am a junior, with expectations of graduating in December 2018.



## Assessing Utilization of Modified Fences in Marfa Southwest Herd Units, Texas

*1 April — 31 August 2017*

As of this moment I split my time evenly between Cullom Simpson’s Prairie Dog-Cattle Interaction Project and the Pronghorn Restoration Project doing vegetation work for both projects. My future research will be assessing the usage of modified fences, (which are fences that have had their bottom wire(s) lifted 18 inches above the ground), by terrestrial animals, with emphasis on pronghorn antelope. To do this, we are setting up game cameras in the Marfa Southwest pronghorn herd units along fences that have been modified. Cameras will be programmed to take videos of the animals using the modifications. This study will help answer whether or not the modifications are viable and quantify what all animals are using them.



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