

## **Andrea Levinson Research Summary**

My Senior Thesis began as a question that I approached my professor in the field with. We were in the western Great Basin studying the communal hunting traps of the Tunna' Nossi' Kaiva' Gwaa (TNKG) complex, and I asked if anyone had researched prehistoric pronghorn migration patterns to see if they corresponded with the location and orientation of the v-wing traps. From this question blossomed a full project; I am now conducting stable isotope analysis on faunal remains recovered in 2007 from a hearth feature within the TNKG complex to test the seasonality of communal hunting events. This past year, I have been working as a research intern in the Archaeometry Lab under the direction of Dr. Jelmer Eerkens and PhD Candidate Jessica Morales, assisting in the preparation of faunal bone samples and learning how to identify faunal specimens using zooarchaeological comparative collections. In June, I conducted an independent research trip back to my field site in order to gather plant and water samples for my sulfur isoscape. I am also working with current migration data from NDOW of the Bodie Hills pronghorn herd, and will be comparing my findings to the current movements of modern pronghorn in the western Great Basin.