



TEXAS TECH UNIVERSITY
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Natural Resources Management™

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Student Name: Amanda Newman

Degree Sought: MS, Wildlife, Aquatic & Wildland Science Management

Specialty: Bat Ecology and Acoustics, Mammalogy

Hometown, State/Country: Thoreau, New Mexico

Research Interests or Projects:

Amanda received her Bachelor of Biology with a minor in Natural Resources Management at Texas Tech University in 2022. She studied geographic and subspecific drivers of the Cave Bat (*Myotis velifer*) during her undergraduate studies and worked on several projects as a Student Assistant and Field Technician. She will be studying the road ecology of bats in the national forests of Texas. This research will focus on bat activity along roadways versus within forest habitat. The project will make use of bat detectors deployed along different roadway types and call identification software to determine the presence of bat species. Comparison of bat activity along roadways versus within forest habitat may lend a better understanding of whether roadways are an effective method for conservation and species sampling at large spatial scales.

Amanda is also interested in species niche modeling. In her spare hours, Amanda enjoys archery and writing.

