

# Baylee Moyer

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## EDUCATION

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<b>TEXAS TECH UNIVERSITY</b>	<b>Lubbock, TX</b>
<b>Master of Science</b> , Wildlife, Aquatic, and Wildlands Science and Management	<b>2025-Present</b>
<b>SOUTHERN UTAH UNIVERSITY</b>	<b>Cedar City, UT</b>
<b>Bachelor of Science</b> , Biology	
Minor in Outdoor Recreation in Parks and Tourism	<b>2018-2022</b>

## EXPERIENCE

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<b>USGS Desert Amphibian Survey Technician</b>	<b>Clark County, NV; adjacent areas in AZ and UT</b>
(Hired through University of Montana as a GS-6 equivalent) - 40 hours per week	<b>April 29, 2025 - July 11, 2025</b>
<ul style="list-style-type: none"><li>Support a U.S. Geological Survey-led project monitoring the distribution of Arizona toads (<i>Anaxyrus microscaphus</i>) and other amphibians in Clark County and surrounding areas</li><li>Conduct visual encounter surveys and eDNA sampling in remote desert environments to evaluate current presence and reintroduction potential</li><li>Collect buccal swabs from Arizona toads, Woodhouse's toads (<i>Anaxyrus woodhousii</i>), and Red-Spotted toads (<i>Anaxyrus punctatus</i>) for genetic testing and population monitoring</li><li>Navigate to field sites using 4WD vehicles, GPS units and maps; operate safely and efficiently on unmaintained roads</li><li>Perform daily QA/QC of field data and ensure accurate data entry and sample tracking</li></ul>	
<b>Utah Prairie Dog Crew Lead (Wildlife Technician II)</b>	<b>Cedar City, UT</b>
Utah Division of Wildlife Resources - 40+ hours per week	<b>March 18, 2024 - October 4, 2024</b>
<ul style="list-style-type: none"><li>Trapped, collected biological data (weight, sex, age), ear-tagged and translocated federally threatened Utah prairie dogs (<i>Cynomys parvidens</i>) (UPD)</li><li>Co-led a team of 10 technicians, collaborating with another lead and state biologists to effectively coordinate tasks and ensure efficient team performance; managed vehicle assignments by ensuring cleanliness and scheduling maintenance; oversaw and kept inventory of supplies; managed translocation schedule for technicians</li><li>Performed annual spring count surveys of mapped UPD colonies via binoculars; utilized ArcGIS Field Maps and Survey123 to navigate and input collected data</li><li>Performed emergency first-aid for UPDs, including administering subcutaneous fluid and subsequent care for hyper- and hypothermic conditions</li><li>Completed UPD habitat development surveys via burrow survey transects, using GPS units to accurately mark active burrows</li><li>Assisted in installation of translocation sites for UPDs, including preparation of materials and operation of a skid steer under limited supervision</li></ul>	

**Utah Prairie Dog Technician (Wildlife Technician II)****Cedar City, UT**

Utah Division of Wildlife Resources - 40+ hours per week

**June 10, 2023 - October 6, 2023**

- Trapped, collected biological data (weight, sex, age), ear-tagged and translocated threatened Utah prairie dogs (*Cynomys parvidens*) (UPD)
- Identified active burrows to trap at or apply Deltamethrin dust for sylvatic plague management
- Navigated remote locations via OnX and ArcGIS Field Maps, used 4-wheel drive to access rugged roads
- Applied Deltamethrin dust to active UPD burrows for plague management at protected colony sites
- Surveyed for the presence of State-sensitive American pika (*Ochotona princeps*) in southwest Utah
- Deployed mist nets to capture, identify, and record morphometric measures to monitor bat species diversity in southwest Utah

**Desert Tortoise Monitoring Technician (Wildlife Technician II)****Hurricane, UT**

Utah Division of Wildlife Resources - 40+ hours per week

**April 3, 2023 - June 9, 2023**

- Conducted surveys for federally threatened Mojave desert tortoises (*Gopherus agassizii*) in the Red Cliffs National Conservation Area using the line distance sampling method; hiked 8+ miles per day through rugged terrain in extreme temperatures and harsh weather conditions; utilized handheld GPS units and compasses to locate transect sites
- Used VHF radio telemetry equipment to monitor surface activity of desert tortoises; collected and recorded biological data with accuracy; compiled and entered data into Excel spreadsheets
- Processed and assessed health of tortoises via shell filing and visual assessment for disease symptoms
- Responded to urban wildlife issues, public outreach regarding wildlife education, and relocated nuisance native wildlife as appropriate
- Surveyed native and non-native fish distribution in the Virgin River using seine netting techniques

**Residential Manager****Cedar City, UT**

Chrysalis - 40+ hours per week

**August 3, 2019 - April 1, 2023**

- Oversaw day-to-day operation of residential program serving clients with disabilities to comply with state regulations and standards; reviewed and monitored program data collection
- Instructed, supervised, and regularly evaluated team of 10+ staff, including facilitating regular meetings to improve resident care and reach team objectives; prepared work schedule and reviewed time cards
- Assisted clients with daily living skills and activities, ensuring their medical, financial, and recreational needs were met; attended quarterly meetings with clients, clients' families, and state officials; responded to emergency situations as needed; wrote monthly progress reports to be reviewed by clients' support teams

**Public Lands Field Assistant****Cedar City, UT**

Southern Utah University - 30+ hours per week

**June 7, 2021 - September 13, 2021**

- Surveyed for native plants across land administered by the Bureau of Land Management (BLM) to collect seeds for habitat restoration; navigated to remote field sites via ArcGIS, 4WD vehicles and hiking
- Collected and processed voucher specimens with lead botanist; collected native seed to be stored in regional herbaria and leaf tissue for genetic research; performed taxonomic identification
- Used ArcGIS Field Maps and Survey123 applications to collect and upload data

## SKILLS

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- Wildlife trapping, handling, and biological data collection
- Animal first aid care, including subcutaneous fluid administration
- ArcGIS Field Maps, Survey123, OnX
- Radio telemetry
- 4WD in poor weather conditions
- Navigation via handheld GPS units and compass/maps
- Team leadership and management
- Wildlife & habitat surveys, including Line Distance Sampling (LDS) transect surveys and habitat development surveys
- eDNA sampling and buccal swabbing for genetic monitoring
- Species & plant identification
- Extensive binocular experience

## CERTIFICATIONS

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<b>CPR/First Aid/AED Certification</b> AdventureMed - Springdale, UT	<b>April 2025</b>
<b>Wilderness First Aid Certification</b> AdventureMed - Springdale, UT	<b>April 2025</b>
<b>Section 7 Utah Prairie Dog Survey Training Certification</b> USFWS - Cedar City, UT	<b>June 2024</b>