

Nikki Reck

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Education

Associates of Liberal Arts

Pima Community College

August 2017 - May 2022, Tucson, Az

School of Natural Resources and the Environment

B.S. Wildlife Conservation and Management

University of Arizona

Aug 2022 - Present, Tucson, AZ

Work Experience

RISE Internship: Conservation Intern at University of Arizona

September 2023-Present Tucson, AZ

Arizona Game and Fish Department: *Internship*

May 2023-July 2023, Flagstaff, AZ

- Conducted creel surveys at Lee's Ferry, Colorado River
- Implemented game cameras and processed images to supplement creel survey data
- Stock, fed, cleaned tanks of fish at the Aquatic Research and Conservation Center
- Assisted with ongoing laboratory experiments
- Assisted on the Colorado River fish monitoring trips by capturing, identifying, tagging, measuring Rainbow trout, Brown trout, and Flannelmouth suckers

Pash Lab at the University of Arizona: *Research/Field Assistant*

January 2023-Present, Tucson, AZ

- Collected bio acoustic recordings of Banner-tail kangaroo rat foot drumming to determine if anthropogenic noises mask their communication methods
- Set small mammal traps to capture Banner-tail kangaroo rats
- Collected measurements on Banner-tail kangaroo rats such as sex, weight, and hindfoot length
- Carefully restrained Banner-tail kangaroo rats for ear tagging
- Entered and organized data in excel
- Measured recorded frequencies using Raven software
- Completed Collaborative Institutional Training Initiative (CITI Program)

Desert Laboratory VIP at the University of Arizona: *Internship*

September 2022-May 2023, Tucson, AZ

- Collected plant trait data (leaves, roots, stems) to determine how traits are related to important plant physiological functions such as photosynthesis and water uptake/loss
- Took measurements of plant physiological parameters
- Processed plant tissues in the laboratory
- Read and interpreted scientific literature
- Used R studio to create data visualizations
- Conducted statistical data analysis in R studio
- Made and presented scientific poster
- Participated in research presentations to promote science communication and outreach

REU (Research Experience for Undergraduates): *Internship*

June 2022 - Aug 2022, Flagstaff, AZ

- Collected aquatic macroinvertebrates to develop post-fire baseline data for invertebrate community and water quality monitoring in support of the USFS Fossil Creek Comprehensive River Management Plan
- Conducted a research project using different sampling methods for a stream ecology research study
- Collected soil burn severity data with USFS Burned Area Emergency Response team on Pipeline fire
- Collected data on head cuts in cinder sediment zones
- Collected DNA markers on invasive bass fish species by electrofishing
- Lead field teams to collect aquatic macroinvertebrate samples in remote field locations
- Made and presented scientific poster
- Wrote research report

Humane Society of Southern Arizona: Adoption counselor/Canine behavior assistant

July 2017 - May, 2022 Tucson, AZ

- Dog/cat adoptions counselor
- Developed behavior modification training protocols to rehabilitate dogs for adoption
- Designed and implemented canine agility program for Department of Corrections; Canine New Beginnings
- Cat socialization program lead
- Veterinary technician assistant

Arizona Wildlife Federation: *Volunteer*

- Created habitat for endangered Bob White Quail
- Planted native vegetative species at the Buenos Aires National Wildlife Refuge

Tucson Wildlife Center: *Volunteer*

- Prepared food for wildlife in rehabilitation center
 - Admitted desert cottontail, and cooper's hawk for illnesses and injuries
 - Released great horned owl after successful rehabilitation
 - Administered medications to various raptor species
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Clubs

University of Arizona Fisheries and Wildlife Society

Certificates

- Responsible Conduct of Research Certificate
 - Wildlife research Certificate
 - IACUC certificate
 - Mice and rats in research certificate
 - Junior Field Botanist
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References

1. Paula Nasiatka: 520-390-4635 pnasiatka@pima.edu Faculty at Pima Community College
2. Josh Walters: 928-254-8336 jwalters@azgfd.gov Aquatic Research and Conservation Center Supervisor
3. Deborah Goldberg 734-330-8511 degold@arizona.edu Professor of Ecology and Evolutionary Biology at University of Arizona
4. Matthew O'Neill: 928-862-8648 matthew.oneill@usda.gov Fish biologist Coconino National Forest