

ABIGAIL POZULP

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EDUCATION

University of Texas Rio Grande Valley *Graduated December 2021*
Master of Science in Biology
Thesis title: *Duet Phonology and Syntax in the Red-Crowned Parrots of South Texas*
Overall GPA: 3.92

College of Charleston *Graduated May 2014*
Bachelor of Arts in Biology
Overall GPA: 3.65
Minor in Spanish

WORK EXPERIENCE

University of Texas Rio Grande Valley *August 2022- May 2023*
Part-Time Lecturer

- As a part-time lecturer for the Biology department I was assigned 7-9 lab sections per semester.
- Instructed multiple topics at the 100-300 level: Biology 1, Biology 2, Anatomy and Physiology, and Genetics.
- Developed lesson plans, working directly with students to instruct them and guide them through lab activities.
- Administered assessments and assignments, and performed grading and office hours.

UTRGV Faculty Seed Grant *June 2022 - Present*
Research Associate

- Develop and implement an in-the-nest audiovisual monitoring system for an endangered parrot species
- collect and analyze data from pilot project
- secure broader grant funding for the continuation of the project

SpaceX Shorebird Monitoring Project *January 2022 - May 2022*
Research Associate

- Conduct regular counts of target species in the field
- use QGIS to map and analyze longterm dataset of shorebird sighting data.
- create report-quality graphs to communicate the results to project bosses.

University of Texas Rio Grande Valley *August 2018 - December 2021*
Graduate Research Assistant

- Investigating the vocal behavior of endangered wild Red-Crowned Parrots in the Rio Grande Valley
- Establishing field methodology to collect audiovisual data of urban psittacines
- Maintain records of active nesting sites throughout the city, including artificial nest tubes located at UTRGV and assorted public parks.
- Analysis of collected data to explore the vocal repertoire of an understudied avian population.

University of Texas Rio Grande Valley

August 2019 - August 2021

Graduate Teaching Assistant BIOL 1406 1407 Lab

- Leading UTRGV students in hands-on application of general biological concepts.
- Collaborating with staff/faculty to design and implement instructional activities.
- Additional responsibilities: Grading and evaluating student performance, preparation and cleaning of laboratory experiments.

Florida Fish and Wildlife Conservation Commission

August 2017 - April 2018

Hunting Operations

- Monitored legal harvest activities at the JW Corbett Wildlife Management Area, collected population data for target species by performing field examination of harvested wildlife. Educated the public regarding hunting regulations.
- Additional responsibilities: Wildlife identification, dissection of specimens.

Florida Oceanographic Society

January 2017 - April 2018

Research Intern

- Independently develop and conduct a grant-funded research project to investigate the potential presence of microplastic pollution near restored oyster reefs in the Indian River Lagoon.
- Additional responsibilities: field data collection, lab protocol and hygiene, data entry, statistical analysis of collected data. Coordinating with volunteers and interdepartmental staff.

USDA-APHIS National Wildlife Research Center

May 2016 - October 2016

Predator Management Research Technician

- Maintain a working relationship with sheep herders at 7 separate field study sites spanning multiple states in order to independently collect behavioral data on livestock guardian dogs, use of radio telemetry to locate and monitor animal subjects. Perform field necropsies on livestock to identify cause of death and species of predator involved. Develop and implement a network of camera traps to observe predator occupancy, review and sort camera images.
- Additional responsibilities: Coordinate with local government and civilian organizations in respect to livestock, dog, and predator interactions, handheld GPS, translate official documents into Spanish, data entry, dog husbandry.

Patriot's Point Science Program

September 2015 - March 2016

Education Staff

- Leading exhibit presentations and hands-on activities about local coastal ecology with an emphasis on native species and human impacts.
- Additional responsibilities: Collaborate with a team of scientists and educators in the development of curriculum-based natural science immersion experiences.

Charleston County School District

August 2015 - March 2016

Substitute Teacher K-12

- Lead classrooms of students of all ages and ability levels in common core curriculum. As the mentors for future generations, teachers are held to the highest code of conduct of perhaps any career, requiring patience, creativity, time management, punctuality, conflict resolution.

College of Charleston Biology Department

August 2013 - May 2014

Teaching Assistant, BIOL 301

- Working in the field with students to train skills of navigation, identification, and classification of vascular plant communities, with special emphasis on local flora and ecology.
- Additional responsibilities: student evaluations, grading, tutoring, designing study materials and leading reviews and discussion of content.

SELECTED ACHIEVEMENTS AND PRESENTATIONS

2022 Presentation for Animal Behavior Society Annual Conference

2022 Recipient of UTRGV Faculty Seed Grant

2020 Poster presentation for Animal Behavior Society Annual Conference

2020 Poster presentation for American Ornithological Society Annual Meeting

2018 Recipient of UTRGV President's Graduate Research Assistantship

2014, Cum Laude College of Charleston

2014, 2013 College of Charleston Dean's List