



# Board Appointment Form

City Clerk's Office

<b>Appointing Office</b>	Art Fierro, District 6
<b>Agenda Placement</b>	Consent
<b>Date of Council Meeting</b>	04/01/26
<b>Name of Board</b>	Open Space Advisory Board
<b>Agenda Posting Language</b>	
Kylie Rezendes to the Open Space Advisory Board by Representative Art Fierro, District 6	
<b>Appointment Type</b>	Regular
<b>Member Qualifications</b>	
Ms. Rezendes has a Bachelor of Science in Wildlife and Conservation Biology and a Master of Science in Biology. She has also volunteered with multiple organizations such as the Frontera Land Alliance, Saltmarsh Sparrow Research Initiative, and Chihuahuan Desert Conference.	
<b>Nominee Name</b>	Kylie Rezendes
<b>Nominee Email Address</b>	[REDACTED]
<b>Nominee Residential Address</b>	[REDACTED]
<b>Nominee Primary Phone Number</b>	[REDACTED]
<b>Residing District</b>	District 4
<b>City Employed Relatives</b>	N/A
<b>Board Membership</b>	
N/A	
<b>Real estate owned in El Paso County</b>	
[REDACTED]	
<b>Previous Appointee</b>	Sharon Miles-Bonart
<b>Reason for Vacancy</b>	Resigned
<b>Date of Appointment</b>	04/01/26
<b>Term Begins On</b>	09/01/25
<b>Term Expires On</b>	08/31/27
<b>Term</b>	Unexpired Term

# Kylie Rezendes

## EDUCATION

University of Texas at El Paso

August 2025

Biology, M.S. Thesis: Temporal Partitioning and Coexistence Among Four Sympatric Felid Species in The Northern Jaguar Reserve

GPA: 3.97/4.0

University of Rhode Island, Kingston, RI

December 2022

Wildlife and Conservation Biology, B.S.

GPA: 3.50/4.00 Cum Laude

## SKILLS

- Proficient GPS field navigation
- Field note taking and observational awareness
- Camera trapping
- Microsoft Word, PowerPoint, and Excel
- Data collection and quality assurance
- Wildlife Biology & habitat assessment
- Land stewardship & easement monitoring
- GIS & spatial analysis (QGIS, ArcGIS Pro, Story Maps)
- Ecological monitoring (camera traps, field surveys)
- Community engagement & public education
- Desert Ecology & Wildlife Corridors

## WORK EXPERIENCE

Graduate Teaching Assistant, University of Texas at El Paso

January 2024-Present

- Teach Organismal Biology 1108 to undergraduate students.
- Instill an understanding of the scientific method from research and hypothesis creation to data collection and analysis
- Set the students up for success in a flipped classroom learning environment where they are responsible for staying on track with the course outline
- Provide introductory lectures to modules throughout the semester
- Circulating and working with the students in both groups and one on one environments.
- Assign homework and grade assignments

Graduate Student Field Research, The University of Texas at El Paso

October 2023-July 2024

- Deploy and maintain trail cameras in urban desert mountain habitat
- Organize and maintain metadata with excel and Camelot Project Software
- 6 to 8-week SD card swaps and battery checks hiking up to 16 miles a day
- Document field data pertaining to GPS coordinates, camera placement direction, camera ID associated with study cell number
- Camera image backups to cloud and external hard drives
- Upload and manage images in Camelot Project for species count and identification
- Coordinate and train field opportunities for undergraduate research assistance

Graduate Research Assistant, The University of Texas at El Paso

September 2022-December 2023

- Create landscape-level GIS layers of forest structural diversity across 30 NEON sites to understand how it relates to forest ecosystem function
- Use Microsoft Azure Cloud Computing to create and open-source workflow to quantify forest structural diversity patterns across landscapes
- Design and implement mixed-linear and non-parametric models for a spatially hierarchical statistical analysis
- Contribute to manuscript preparation

**Research Assistant 1, University of Rhode Island**

**December 2020-April 2022**

**Wildlife Capture Team**

- Aid in sedation and animal relocation
- Record and maintain safe fisher body temperatures
- Monitor fisher vital signs
- The team alternates with pit tagging, ear tagging the animal, and taking measurements
- Note recorder and timekeeper
- Deployed and retrieved remote camera traps across the state of Rhode Island
- Track collared fisher using UHF telemetry during non-trapping season
- Set and check a trap line during the winter months
- Use Safe Capture techniques to successfully collect data on physical characteristics of fisher

**Applied Quantitative Ecology Lab**

**September 2019- December 2022**

**Undergraduate Research Apprentice**

- Focus on understanding quantitative field techniques
- Learning to develop independent research projects
- Utilizing digiKam and eMammal technology to geo tag trail camera photos
- Participating as citizen scientist in camera trap studies for Snapshot USA
  - Collaborating to contribute to a national database of wildlife diversity

**VOLUNTEER EXPERIENCE**

**The Frontera Land Alliance; El Paso, Texas**

**November 2023-Present**

**Board Member & Co-chair Stewardship Committee**

- Guide land stewardship decisions and conservation priorities for regional open spaces and protected properties
- Review and advise on management plans, ecological health assessments, and species monitoring
- Engage landowners, volunteers, and community members in conservation and open-space education
- Participate in policy discussions related to land acquisition, easements, and habitat protection

**Chihuahuan Desert Conference**

**May 2025-Present**

**Board Member**

- Support regional collaboration on ecological research, conservation policy, and public education
- Contribute to planning for workshops, public events, and scientific engagement across the Chihuahuan Desert region

**Saltmarsh Sparrow Research Initiative; Bristol, Rhode Island**

**April 2021-June 2022**

- Setting up mist nets around a saltmarsh
- Safe capture saltmarsh sparrows
- Color band captured individuals, record measurements, and collect other necessary biometrics
- Locate nests throughout saltmarsh study area and mark them by flagging

- Public engagement and support via talks and presentations
- Set up mist nets and extract birds
- Color banding
- Record captured individuals' data
- Locate nests
- Complete vegetation assessments on habitat characteristics and nest selection
- Identify other passerines nearby
- Volunteer for public mist netting and bird ID with the field crew

**Semi-aquatic Mammal Technician, University of Rhode Island**

**December 2020-August 2021**

**Wildlife Field Technician**

- Document the distribution of three semi-aquatic mammals (American Beaver, North American River Otter, and Muskrat) across the state of Rhode Island
- Hike or kayak around the wetlands and waterways in RI
- Detect signs left by the target species like scat, tracks, and chewed vegetation
- Use GPS to navigate in remote areas
- Surveys completed through winter and summer weather
- Detailed notes taken upon observation of animal signs present
- Natural history signs and documentation (scat and track knowledge)

**New England Bobcat Study; University of Rhode Island**

**January 2020-March 2020**

**Wildlife Survey Field Technician**

- Applying GPS navigation skills in varying terrain
- Building hair snare cubbies to obtain DNA samples
- Maintaining scent lures and trail camera data
- Documenting visual observations from collection sites
- Utilizing field protocol to collect hair samples

**Audubon Society of Rhode Island; Smithfield and Touisset, RI**

**April 2019-August 2019**

**Volunteer Eastern Bluebird Monitor**

- Observed Eastern bluebird nesting during mating season
- Identified bird species and eggs using the Peterson Field Guide
- Collected data pertaining to species, eggs, hatchlings, fledglings, and invasive species

**Audubon Society of Rhode Island; Bristol, RI**

**September 7 & 8 2019**

**Volunteer Docent Raptor Weekend**

- Applied communication skills to inform the public
  - Explaining general knowledge of New England raptor species and their eggs
- Assisted in activities directed towards educating young generations
  - Guided an activity table geared toward raising awareness about common raptors

**Selected Publications**

Reinert, SE, KJ Ruskin, DE Robinson, JM O'Neill, MB Zammarelli, OR McCarthy, J Eckerson, K Rezendes. Five years of Saltmarsh Sparrow breeding ecology in Narragansett Bay, Rhode Island, with conservation implications. *Northeastern Naturalist* 2025

Mayer, AE, L Ganoe, C Brown, K Rezendes, J Burr, E Paton, E Wampole, K Rivera, AM Stift, KL Noe, AE Carey, A Hughes, TJ McGreevy Jr., BD Gerber. Rhode Island wildlife camera trap survey 2018 to 2023. *Ecology* e70094. 2025

LaRue, EA, KM Rezendes, BS Hardiman, J Wang, D Choi, AG Downing, AD Benson, S Fei. Heterogeneity in ecosystem structural diversity as characterized by gradient surface metrics across macrosystems. *Ecosphere*, e70172. 2025

Kays, R, ....., Rezendes, K et al. Climate, food and humans predict communities of mammals in the United States. *Diversity and Distributions*, e13900. 2024

Hila, Shamon, ....., Rezendes, K, et al. SNAPSHOT USA 2021: A third coordinated national camera trap survey of the United States – initial trends. *Ecology*, e4318. 2024

Kays, R, ....., Rezendes, K, et al. SNAPSHOT USA 2020: A second coordinated national camera trap survey of the United States during the COVID-19 Pandemic. *Ecology*, e3775. 2022

### **Relevant Courses**

Undergraduate Courses – University of Rhode Island and University of Texas at El Paso

- NRS 100 Natural Resource Conservation
- NRS 395 Research Apprenticeship in Natural Resource Science
- NRS 223 Conservation Biology
- NRS 212 Introduction to Soil Science
- NRS 324 Mammalogy
- NRS 304 Field Ornithology
- NRS 423 Wetland Ecology
- NRS 409 Concepts-GIS and Remote Sensing
- NRS 410 Fundamentals of GIS
- NRS 305 Principles of Wildlife Ecology and Management
- BIO 323 Field Botany and Taxonomy

Graduate Courses

- BIOL 6208 Professional Skills Development Ecology and Evolution
- BIOL 6321 Spatial Ecology
- BIOL 6328 Biostatistics
- GEOL 6331 Introduction to GIST
- BIOL 6209 Research Proposals in Ecology and Evolution
- BIOL 6331 Advances in Ecology and Evolutionary Theory