



# Ty J. Werdel

ASSISTANT PROFESSOR

Department of Rangeland, Wildlife and Fisheries Management - Texas A&M University, College Station, TX

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*My research interests include the fields of Rangeland and Wildlife Management and Landscape Ecology. This work addresses questions that provide insight into the relationships between wildlife, native environments, and contemporary human-modified landscapes.*

## Education

### Ph.D. Horticulture and Natural Resources

KANSAS STATE UNIVERSITY

Manhattan, KS

2022

### M.S. Wildlife Sciences

SOUTH DAKOTA STATE UNIVERSITY

Brookings, SD

2017

### B.S. Rangeland and Wildlife Management

CHADRON STATE COLLEGE

Chadron, NE

2013

## Certifications

### Esri Academy ArcGIS (9 Certifications)

ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE

Online

2021

### Professional Certification in Data Analysis for Life Sciences (R)

HARVARDX, HARVARD UNIVERSITY

Online

2020

### GTA Certificate of Achievement in Professional Development

KANSAS STATE UNIVERSITY

Manhattan, KS

2020

### Faculty Exchange for Teaching Excellence

KANSAS STATE UNIVERSITY

Manhattan, KS

2020

### Associate Wildlife Biologist®

THE WILDLIFE SOCIETY

Online

2016

### Graduate Certification in Geospatial Technology

SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY

Rapid City, SD

2016

### Project WILD/Project WILD Aquatic

ASSOCIATION OF FISH AND WILDLIFE AGENCIES

Chadron, NE

2013

## Employment

### Assistant Professor

DEPARTMENT OF RANGELAND, WILDLIFE, AND FISHERIES MANAGEMENT, TEXAS A&M UNIVERSITY

College Station, TX

2023 – Present

### Vice Chancellor's Postdoctoral Research Fellow

DEPARTMENT OF RANGELAND, WILDLIFE, AND FISHERIES MANAGEMENT, TEXAS A&M UNIVERSITY

College Station, TX

2022 – 2023

### Graduate Research and Teaching Assistant

DEPARTMENT OF HORTICULTURE AND NATURAL RESOURCES, KANSAS STATE UNIVERSITY

Manhattan, KS

2017 – 2022

### Graduate Research and Teaching Assistant

DEPARTMENT OF NATURAL RESOURCE MANAGEMENT, SOUTH DAKOTA STATE UNIVERSITY

Brookings, SD

2014 – 2017

### GIS Technician

NORTH PLATTE NATURAL RESOURCES DISTRICT

Scottsbluff, NE

2014 – 2014

### Undergraduate Researcher

SEVILLETA LTER RESEARCH EXPERIENCE

Socorro, NM

2013 – 2013

## Publications

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### Peer-Reviewed

8. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M.S. Peek, and A.A Ahlers. **2023**. Direct and indirect landscape-scale pathways structure carnivore communities in an agro-prairie ecosystem. *Journal of Mammalogy*. <https://doi.org/10.1093/jmammal/gyad065>
7. **Werdel, T.J.**, J.A. Jenks, J.T. Kanta, C.P. Lehman, and T.J. Frink. **2023**. Resource selection and herbaceous biomass at foraging sites of translocated bighorn sheep. *Rangeland Ecology and Management*. <https://doi.org/10.1016/j.rama.2022.12.004>
6. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M.S. Peek, D.S. Sullins, and A.A Ahlers. **2023**. Strategic grassland conservation for swift foxes in multi-use landscapes. *Biological Conservation*. <https://doi.org/10.1016/j.biocon.2022.109864>
5. Palomo-Muñoz, G, **T.J. Werdel**, C.W. Piper, M.S. Peek, A.M. Ricketts, and A.A Ahlers. **2022**. Spatiotemporal distributions of mammals occurring in an agro-prairie ecosystem. *Ecology*. <https://doi.org/10.1002/ecy.3945>
4. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M.S. Peek, and A.A. Ahlers. **2022**. Scale-specific landscape effects impose range-limiting constraints on the distribution of swift fox. *Landscape Ecology*, 37(8), 2065–2079. <https://doi.org/10.1007/s10980-022-01466-0>
3. **Werdel, T.J.**, J.A. Jenks, J.T. Kanta, C.P. Lehman, and T.J. Frink. **2021**. Space use and movement patterns of translocated bighorn sheep. *Mammalian Biology*, 101(3), 329–344. <https://doi.org/10.1007/s42991-021-00107-4>
2. **Werdel, T.J.**, J.A. Jenks, T.E. Besser, J.T. Kanta, C.P. Lehman, and T.J. Frink. **2019**. Restoration of a bighorn sheep population impeded by *Mycoplasma ovipneumoniae* exposure. *Restoration Ecology*, 28(2), 387–395 (Cover Article). <https://doi.org/https://doi.org/10.1111/rec.13084>
1. **Werdel, T.J.**, J.A. Jenks, T.E. Besser, J.T. Kanta, C.P. Lehman, and T.J. Frink. **2018**. Survival of translocated bighorn sheep in the Deadwood region of the Black Hills, South Dakota. *Northwestern Naturalist*, 99(3), 222–231. <https://doi.org/10.1898/NWN18-06.1>

### Book Chapters

1. Hessami, M.A., **T.J. Werdel**, S.J. Hoagland, and M.T. Kohl. **2022**. Melding Past, Present, and Future: The importance of tribal management in wildlife conservation and management. Chapter 1 in C. Bishop, E. Gomez, J. Organ, and T. Ryder eds. *Introduction to Wildlife Management and Conservation in North America*. Great River Learning of Dubuque, IA.

### Book Reviews

1. **Werdel, T.J.** **2023**. Wildlife Management and Landscapes: Principles and Applications. *Journal of Wildlife Management*. <https://doi.org/10.1002/jwmg.22512>

### In-Revision/Review

3. **Werdel, T.J.**, D. Matarrita-Cascante, and J.E. Lucero. **In-Review**. State of traditional ecological knowledge in the wildlife management profession. *Journal of Wildlife Management*.
2. Piper, C.W., **T.J. Werdel**, M.S. Peek, A.M. Ricketts, D.S. Sullins, and A.A. Ahlers. **In-Revision**. Landscape composition and proximity to water structure American badger distributions in shortgrass prairie. *Journal of Mammalogy*.
1. **Werdel, T.J.**, M. Fidino, C.W. Piper, A.M. Ricketts, M.S. Peek, and A.A Ahlers. **In-Revision**. Landscape composition mediates spatiotemporal interactions among sympatric canids in a prairie ecosystem. *Ecological Applications*.

## Teaching Experience

### Texas A&M University

#### INSTRUCTOR

- Techniques of Wildlife Management, RWFM 408 & WFSC 638

College Station, TX

2023 – Present

### Texas A&M University

#### CO-INSTRUCTOR

- Special Topics in Traditional Ecological Knowledge, RWFM 689
- Techniques of Wildlife Management, RWFM 408 & WFSC 638

College Station, TX

2022 – 2023

### Kansas State University

#### GRADUATE TEACHING ASSISTANT

- Firearms Cartridges and Ballistics, WOEM 201
- Rifle and Handgun Range Design, Construction and Operations, WOEM 202
- Introduction to Wildlife and Outdoor Enterprise Management, WOEM 250
- Flora and Fauna of the Great Plains, WOEM 350
- Big Game Management, WOEM 555
- Waterfowl and Wetlands Management, WOEM 561
- Advanced Wildlife Habitat Management, WOEM 562

Manhattan, KS

2017 – 2022

### South Dakota State University

#### GRADUATE TEACHING ASSISTANT

- Introduction to Wildlife and Fisheries, WL 220

Brookings, SD

2014 – 2017

## Student Mentorship

### Graduate Student Research Advising

**Amanda Laboy**, M.S., TAMU RWFM

2023 – Present

**Kayla Art**, M.N.R.D., TAMU RWFM

2023 – Present

**Lulu Hoffman**, M.S., TAMU RWFM

2023 – Present

**David Pearce**, M.S., TAMU RWFM

2023 – Present

**Conner Ties**, M.S., TAMU RWFM

2022 – Present

### Undergraduate Student Research Advising

**Daniel Whitman**, B.S., Macalester College REU

2023 – Present

**Drake Dancila**, B.S., TAMU RWFM

2022 – 2023

**Lulu Hoffman**, B.S., TAMU RWFM

2022 – 2023

### Secondary School Student Research Advising

**Sebastian Kuo**, H.S., Carnegie Vanguard High School

2023 – Present

### Graduate Student Committee Member

**Jake Hanes**, M.S., TAMU SCSC

2024 – Present

**Daniel Ramirez**, M.S., TAMU-Kingsville RWM

2023 – Present

### Student Honors & Awards

**RWFM Graduate Student Travel Grant**, David Pearce

2024

**RWFM Graduate Student Travel Grant**, Conner Ties

2024

**COALS Merit Fellowship**, Amanda Laboy

2023

**RWFM Graduate Student Travel Grant**, Conner Ties

2023

**RWFM Graduate Student Travel Grant**, David Pearce

2023

**RWFM Excellence Award for Undergraduates**, Drake Dancila

2023

**RWFM Excellence Award for Undergraduates**, Lulu Hoffman

2023

## Investigator Grants & Contracts

*Funded (Total: \$3,671,077, Lab Allocated: \$371,200)*

9. **TAMU AgriLife Research Rangeland Ecology and Management Research Funding.** 2024-2026. Resource selection and spatial interactions of native, exotic, and domestic ungulates on Texas rangelands. **\$150,000; Submitted.** PI: **Ty J. Werdel**, Co-PIs: Jacob E. Lucero, Humberto Perotto, and Jacob L. Dykes.
8. **TAMU AgriLife Research Animal Health and Disease Research Capacity Funding.** 2024-2025. The impact of osmotic stress on the catfish pathogen *Aeromonas hydrophila*: Implications for managing motile *Aeromonas* septicemia (MAS) in U.S. catfish farming. **\$100,000; Funded.** PI: Haitham Mohammed, Co-PI: **Ty J. Werdel**.
7. **Private Donation.** 2023. Student-led population ecology of fox squirrels on the TAMU campus. **\$10,000; Funded.** PI: **Ty J. Werdel**.
6. **USFWS.** 2023-2027. Evaluation and mitigation for sensitive state threatened and endangered wildlife. **\$3,399,877; Funded.** Co-PIs: Marcus Blum, Paul Crump, Jacob Dykes, Whitney Gann, Andrew Gregory, Toby Hibbitts, Mathew Kramm, Roel Lopez, Kevin Moczygemba, Michael Morrison, Humberto Perotto, Wady Ryberg, Danielle Walkup, Stephen Webb, and **Ty J. Werdel (Lab Allocated: \$200,000).**
5. **National Science Foundation.** 2023-2025. Incorporating Native American partnerships and knowledge into Great Plains fire science. **\$199,404; Not Funded.** PI: David Matarrita, Co-PIs: Bradford Wilcox and **Ty J. Werdel**.
4. **USDA APHIS Wildlife Services.** 2023-2024. Spatial interactions and potential disease transmission of free-ranging native and exotic ungulates. **\$225,437; Not Funded.** PI: **Ty J. Werdel**.
3. **Department of Rangeland, Wildlife and Fisheries Management.** 2023-2024. Long-term wildlife monitoring for unmanaged rangelands transitioning to planned grazing management. **\$100,000; Funded.** PIs: Stephen L. Webb and **Ty J. Werdel**.
2. **Private Donation.** 2023. Long-term wildlife monitoring for unmanaged rangelands transitioning to planned grazing management. **\$1,200; Funded.** PI: **Ty J. Werdel**.
1. **Department of Rangeland, Wildlife and Fisheries Management.** 2023-2025. River otter (*Lontra canadensis*) population dynamics in Texas. **\$60,000; Funded.** PI: **Ty J. Werdel**.

## Honors & Awards

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Awards (\$121,150)

<b>Community Building Through Mentorship Conference Panel Travel Grant</b> , The Wildlife Society	2022
<b>Agriculture Dean and Director's Award for Graduate Student Research</b> , Kansas State University	2022
<b>Advancing Agricultural Science Opportunities for Native Americans Scholarship</b> , AISES	2021
<b>Robert Nunemacher Scholarship</b> , Kansas State University	2021
<b>Advancing Agricultural Science Opportunities for Native Americans Research Award</b> , AISES	2020
<b>Advancing Agricultural Science Opportunities for Native Americans Scholarship</b> , AISES	2020
<b>Lighting the Pathway to Faculty Careers for Natives in STEM</b> , AISES	2020
<b>College of Agriculture Graduate Student Recognition of Achievement</b> , Kansas State University	2020
<b>AISES Together Towards Tomorrow T3 Scholarship</b> , AISES	2020
<b>Gamma Sigma Delta</b> , Kansas State University	2019
<b>AISES Travel Grant</b> , AISES	2019
<b>Advancing Agricultural Science Opportunities for Native Americans Scholarship</b> , AISES	2019
<b>Kansas State University Graduate Student Recognition of Achievement</b> , Kansas State University	2019
<b>College of Agriculture Graduate Student Recognition of Achievement</b> , Kansas State University	2019
<b>Inclusive Pedagogy Travel Grant</b> , The Wildlife Society	2018
<b>Life Membership Fund Scholarship</b> , Wild Sheep Foundation	2018
<b>Predoctoral Ford Fellowship</b> , (Honorable Mention) Ford Foundation Fellowships Program	2018
<b>Native Student Professional Development Grant</b> , The Wildlife Society	2017
<b>Launch Collegiate Business Pitch Competition</b> , Kansas State University	2017
<b>Native Student Professional Development Grant</b> , The Wildlife Society	2016
<b>Phi Kappa Phi Honor Society</b> , South Dakota State University	2016
<b>Excellence in Wildlife Management</b> , Chadron State College	2013
<b>Platinum Eagle Award</b> , (Finalist) Chadron State College	2013
<b>Gates Millennium Scholarship</b> , Bill and Melinda Gates Foundation	2005
<b>Scholastic Excellence in Engineering</b> , University of Wyoming	2005
<b>Scholars Stipend</b> , University of Wyoming	2005
<b>Computer Science, Engineering, and Mathematics Scholarship</b> , University of Wyoming	2005
<b>Honors Program</b> , University of Wyoming	2005

## Professional Service

### *Executive Service in Professional Organizations*

<b>Board Member</b>	<i>The Wildlife Society</i>
NATIVE PEOPLES' WILDLIFE MANAGEMENT WORKING GROUP	2024 – Present
<b>Grant Committee</b>	<i>The Wildlife Society</i>
NATIVE STUDENT PROFESSIONAL DEVELOPMENT GRANT	2023 – Present
<b>Program Coordinator</b>	<i>The Wildlife Society</i>
NATIVE STUDENT PROFESSIONAL DEVELOPMENT GRANT	2018 – 2023
<b>Secretary/Treasurer</b>	<i>The Wildlife Society</i>
CENTRAL MOUNTAINS AND PLAINS SECTION	2018 – 2021

### *Working Group Membership*

<b>Rangeland Wildlife Working Group</b> , The Wildlife Society	2018 – Present
<b>Native Peoples' Wildlife Management Working Group</b> , The Wildlife Society	2015 – Present
<b>Student Development Working Group</b> , The Wildlife Society	2013 – 2022

### *Chapter Membership*

<b>Southwest Section</b> , The Wildlife Society	2023 – Present
<b>Texas Chapter</b> , The Wildlife Society	2023 – Present
<b>Central Mountains and Plains Section</b> , The Wildlife Society	2018 – 2022
<b>Kansas Chapter</b> , The Wildlife Society	2017 – 2022
<b>South Dakota Chapter</b> , The Wildlife Society	2014 – 2017
<b>Nebraska Chapter</b> , The Wildlife Society	2013 – 2014
<b>Chadron State Student Chapter</b> , The Wildlife Society	2012 – 2013

### *Professional Organization Membership*

<b>Society for Range Management</b>	2023 – Present
<b>Society for Advancement of Chicanos/Hispanics and Native Americans in Science</b>	2021 – Present
<b>Gamma Sigma Delta Honor Society</b>	2019 – Present
<b>American Indian Science and Engineering Society</b>	2019 – Present
<b>Swift Fox Conservation Team</b>	2018 – Present
<b>Phi Kappa Phi Honor Society</b>	2016 – Present
<b>Native American Fish and Wildlife Society</b>	2015 – Present
<b>Rocky Mountain Bighorn Society</b>	2015 – 2017
<b>Wild Sheep Foundation</b>	2014 – 2020
<b>American Society of Mammalogists</b>	2013 – Present
<b>The Wildlife Society</b>	2013 – Present

### *External Journal Reviewer (9)*

<b>The Journal of Wildlife Management</b> (2)	2023, 2023
<b>Journal of Fish and Wildlife Management</b>	2023
<b>PeerJ</b> (2)	2022, 2023
<b>Frontiers in Ecology and the Environment</b>	2023
<b>Science</b>	2023
<b>Canadian Journal of Zoology</b>	2022
<b>Journal of Mammalogy</b>	2021

## University Service

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### *Texas A&M University*

<b>Faculty Reviewer</b> , Avilés-Johnson Fellowship Program	2024
<b>Faculty Advisor</b> , TAMU Student Chapter of The Wildlife Society	2023 – Present

### *Department*

<b>Caesar Kleberg Chair Search Committee</b> , RWFM	2023 – Present
<b>Awards Committee</b> , RWFM	2023 – Present
<b>Undergraduate Committee</b> , RWFM	2023 – Present

## Presentations

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### *Contributed (\*WERDEL WILDLFE LAB MEMBER)*

31. **Werdel, T.J.**, D. Matarrita-Cascante, and J.E. Lucero. **2024**. State of traditional ecological knowledge in the wildlife management profession. ***Texas Chapter of The Wildlife Society Annual Conference, Houston, TX.***
30. Ties, C.\*, S.L. Webb, and **T.J. Werdel**. **2024**. Mapping collared peccary habitat: species distribution modeling in the South Texas Plains and Trans-Pecos ecoregions. ***Texas Chapter of The Wildlife Society Annual Conference, Houston, TX.***
29. Palomo-Muñoz, G., **T.J. Werdel**, C.W. Piper, M. Fidino, T. Gallo, M.S. Peek, A.M. Ricketts, and A.A. Ahlers. **2024**.

Habitat use by black-tailed jackrabbits and eastern cottontail rabbits in a multipredator landscape. **Kansas Natural Resources Conference, Manhattan, KS.**

28. Ties, C.\* , S.L. Webb, and **T.J. Werdel**. 2023. Using community science to determine collared peccary spatial distribution in Texas. **The Wildlife Society 30th Annual Conference, Louisville, KY.**
27. Ties, C.\* , S.L. Webb, and **T.J. Werdel**. 2023. Mapping collared peccary habitat: species distribution modeling in the south Texas plains. **Texas Section Society For Range Management, Bastrop, TX.**
26. Whitman, D.\* and **T.J. Werdel**. 2023. Campus fox squirrel presence influenced by fine-scale landscape characteristics. **Macalester College Summer Showcase, Saint Paul, MN.**
25. Dancila, A.D.\* , **T.J. Werdel**, S.M. Chinn, J.C. Beasley, and S.L. Webb. 2023. Analysis of reproductive parameters of wild pigs in southcentral Oklahoma. **RWFM Convocation, College Station, TX.**
24. Hoffman, M.G.\* , M.D. Proctor, **T.J. Werdel**, and S.L. Webb. 2023. Activity patterns and potential interactions among cattle, white-tailed deer, and wild pigs. **RWFM Convocation, College Station, TX.**
23. Whitman, D.\* and **T.J. Werdel**. 2023. Fine-scale landscape features influence fox squirrel presence on urban campus. **LAUNCH Summer Undergraduate Research Symposium, College Station, TX.**
22. Whitman, D.\* and **T.J. Werdel**. 2023. Campus fox squirrel presence influenced by fine-scale landscape characteristics. **College of Agriculture and Life Sciences Summer Undergraduate Research Symposium, College Station, TX.**
21. Hoffman, M.G.\* , **T.J. Werdel**, M.D. Proctor, and S.L. Webb. 2023. Activity patterns and potential interactions among cattle, white-tailed deer, and wild pigs. **Ecological Integration Symposium, College Station, TX.**
20. Dancila, A.D.\* , **T.J. Werdel**, S.M. Chinn, J.C. Beasley, and S.L. Webb. 2023. Analysis of reproductive parameters of wild pigs in southcentral Oklahoma. **TAMU Student Research Week, College Station, TX.**
19. Hoffman, M.G.\* , M.D. Proctor, **T.J. Werdel**, and S.L. Webb. 2023. Activity patterns and potential interactions among cattle, white-tailed deer, and wild pigs. **TAMU Student Research Week, College Station, TX.**
18. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M.S. Peek, D.S. Sullins, and A.A. Ahlers. 2023. Strategic grassland conservation for swift foxes in multi-use landscapes. **Texas Chapter of The Wildlife Society Annual Conference, Houston, TX.**
17. **Werdel, T.J.**, C.W. Piper, M.S. Peek, A.M. Ricketts, and A.A. Ahlers. 2023. Landscape-scale effects structure carnivore communities in an agro-prairie ecosystem. **Kansas Natural Resources Conference, Manhattan, KS.**
16. **Werdel, T.J.**, C.W. Piper, M.S. Peek, A.M. Ricketts, D.S. Sullins, and A.A. Ahlers. 2023. Strategic grassland conservation for swift foxes in multi-use landscapes. **Kansas Natural Resources Conference, Manhattan, KS.**
15. Palomo-Muñoz, G., **T.J. Werdel**, C.W. Piper, M. Fidno, A.M. Ricketts, and A.A. Ahlers. 2022. Local-scale habitat structure mediates interactions between coyotes and lagomorphs. **101st Annual Meeting of the American Society of Mammalogists, Tucson, AZ.**
14. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M. Peek, and A.A. Ahlers. 2021. Scale-specific landscape effects impose range-limiting constraints on the distribution of swift foxes. **The Wildlife Society 28th Annual Conference, Virtual.**
13. Piper, C.W, **T.J. Werdel**, A.M. Ricketts, D. Sullins, M. Peek, and A.A. Ahlers. 2021. Landscape composition and proximity to water structure American badger distributions in shortgrass prairies. **The Wildlife Society 28th Annual Conference, Virtual.**
12. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M. Peek, and A.A. Ahlers. 2021. Multiscale landscape effects impose range-limiting constraints on the distribution of swift fox. **Swift Fox Conservation Team Meeting, Virtual.**
11. **Werdel, T.J.**, C.W. Piper, A.M. Ricketts, M. Peek, and A.A. Ahlers. 2021. Multiscale landscape effects impose range-limiting constraints on the distribution of swift fox. **Midwest Association of Fish and Wildlife Agencies Furbearer Workshop, Virtual.**
10. Piper, C.W, **T.J. Werdel**, A.M. Ricketts, M. Peek, and A.A. Ahlers. 2021. Landscape composition and proximity to water structure American badger (*Taxidea taxus*) distributions in shortgrass prairies. **Midwest Association of Fish and Wildlife Agencies Furbearer Workshop, Virtual.**
9. **Werdel, T.J.**, A.M. Ricketts, M. Peek, and A.A. Ahlers. 2020. Assessing factors that influence occupancy and



colonization of swift fox in western Kansas. *Kansas Natural Resources Conference, Manhattan, KS.*

8. **Werdel, T.J.**, A.M. Ricketts, M. Peek, and A.A. Ahlers. **2019.** Assessing factors that shape carnivore diversity in shortgrass prairie ecosystems. *American Fisheries Society and The Wildlife Society 2019 Joint Annual Conference, Reno, NV.*
7. **Werdel, T.J.**, A.M. Ricketts, M. Peek, and A.A. Ahlers. **2019.** Carnivore richness and diversity is driven by landscape change in shortgrass prairie ecosystems. *99th Annual Meeting of the American Society of Mammalogists, Washington, D.C.*
6. **Werdel, T.J.**, A.M. Ricketts, M. Peek, and A.A. Ahlers. **2019.** Landscape effects on swift fox occupancy in western Kansas. *Southwest/Midwest Joint Furbearer Meeting, Enid, OK.*
5. **Werdel, T.J.**, A.M. Ricketts, and A.A. Ahlers. **2019.** Landscape change structures carnivore communities in shortgrass prairie ecosystems. *Kansas Natural Resources Conference, Manhattan, KS.*
4. **Werdel, T.J.**, A.M. Ricketts, M. Peek, and A.A. Ahlers. **2018.** Assessing the spatial distribution of swift fox in western Kansas. *The Wildlife Society 25th Annual Conference, Cleveland, OH.*
3. **Werdel, T.J.**, J.A. Jenks. **2018.** Survival of bighorn sheep in the Deadwood region of the Black Hills. *Nebraska/Central Mountains and Plains Section of The Wildlife Society Annual Meeting, Kearney, NE.*
2. **Werdel, T.J.**, J.A. Jenks, J. Kanta, and C. Lehman. **2016.** Evaluation of the Deadwood bighorn sheep herd translocation. *The Wildlife Society 23rd Annual Conference, Raleigh, NC.*
1. **Werdel, T.J.**. **2013.** Small mammal population and diversity in relation to prairie dog reintroduction sites. *Seville LTER Research Experience for Undergraduates Summer Symposium, Socorro, NM.*

## Invited

### TEK of Wetlands

KANSAS STATE UNIVERSITY

Manhattan, KS

2023

### TEK: A Place-Based Perspective

THE SACNAS DIVERSITY IN RESEARCH SYMPOSIUM

College Station, TX

2023

### Community Building Through Mentorship Panel

THE WILDLIFE SOCIETY ANNUAL CONFERENCE

Spokane, WA

2022

### Applied Wildlife Management: A Landscape Ecology Approach

TEXAS A&M UNIVERSITY

College Station, TX

2021

### Traditional Ecological Knowledge: A Place-Based Perspective

TEXAS A&M UNIVERSITY

College Station, TX

2021

### Distribution of Swift Fox in Kansas

KANSAS DEPARTMENT OF WILDLIFE, PARKS AND TOURISM

Emporia, KS

2021

### Keynote Speaker: Youth Wildlife Conservation Experience

WILD SHEEP FOUNDATION SHEEP SHOW

Reno, NV

2019

### Inclusive Pedagogy Student Panel

THE WILDLIFE SOCIETY ANNUAL CONFERENCE

Cleveland, OH

2018

### Marlatt STEM Night

MARLATT ELEMENTARY SCHOOL

Manhattan, KS

2018

### Initiating a Student Chapter of The Wildlife Society

HASKELL INDIAN NATIONS UNIVERSITY

Lawrence, KS

2018

### Toyota STEM Speaker

RED CLOUD INDIAN SCHOOL

Pine Ridge, SD

2016

### Deadwood Bighorn Sheep Translocation

SOUTH DAKOTA GAME, FISH, AND PARKS

Rapid City, SD

2015

### Bighorn Sheep and Community Interaction

KIWANIS CLUB

Lead, SD

2015



## **Graduate School Experience and Preparation**

CHADRON STATE COLLEGE

Chadron, NE

2015

## **Project WILD, Children and Wildlife**

RED CLOUD INDIAN SCHOOL

Pine Ridge, SD

2013

## *Guest Lectures*

### **Ag Communication in Wildlife Research**

ALEC 350 - TEXAS A&M UNIVERSITY

College Station, TX

2023

### **Professional Wildlife Certification**

RWFM 481F - TEXAS A&M UNIVERSITY

College Station, TX

2023

### **Occupancy Models to Study Wildlife**

RWFM 689 - TEXAS A&M UNIVERSITY

College Station, TX

2023

### **Professional Wildlife Certification**

RWFM 481S - TEXAS A&M UNIVERSITY

College Station, TX

2023

### **Why I hunt**

RWFM 489 - TEXAS A&M UNIVERSITY

College Station, TX

2023

### **Wildlife Professional Experience**

RWFM 305 - TEXAS A&M UNIVERSITY

College Station, TX

2022

### **Bighorn Sheep Capture and Monitoring Techniques**

WOEM 555 - KANSAS STATE UNIVERSITY

Manhattan, KS

2022

### **Traditional Ecological Knowledge (TEK) of Wetlands**

WOEM 561 - KANSAS STATE UNIVERSITY

Manhattan, KS

2021

### **Bighorn Sheep Capture and Monitoring Techniques**

WOEM 555 - KANSAS STATE UNIVERSITY

Manhattan, KS

2021

### **Wild Sheep Natural History**

WOEM 350 - KANSAS STATE UNIVERSITY

Manhattan, KS

2021

### **Bighorn Sheep Capture and Monitoring Techniques**

WOEM 555 - KANSAS STATE UNIVERSITY

Manhattan, KS

2020

### **Traditional Ecological Knowledge (TEK) of Wetlands**

WOEM 561 - KANSAS STATE UNIVERSITY

Manhattan, KS

2019

### **Bighorn Sheep Monitoring**

WOEM 555 - KANSAS STATE UNIVERSITY

Manhattan, KS

2018