

EVAN P. TANNER, PHD

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[Google Scholar Page](#); [Research Gate](#); [Personal Website](#)

Education

Oklahoma State University, Stillwater, OK

2015 ▪ Doctorate of Philosophy, Wildlife Ecology and Management

- Dissertation: “The climate of *Colinus* and *Callipepla*: current patterns with future implications”
- Advisor: R. Dwayne Elmore
- GPA: 4.0

The University of Tennessee, Knoxville, TN

2012 ▪ Master of Science in Wildlife & Fisheries Science, Minor in Statistics

- Thesis: “Population ecology of northern bobwhite (*Colinus virginianus*) on reclaimed mined land”
- Advisor: Patrick D. Keyser
- GPA: 3.59

The University of Tennessee, Knoxville, TN

2009 ▪ Bachelor of Science in Forestry, Resource Management

- GPA: 3.73

Employment

Assistant Professor and Meadows Endowed Chair of Semi-arid Land Ecology ▪ January 2020 – Present

Caesar Kleberg Wildlife Research Institute, Department of Rangeland and Wildlife Sciences, Texas A&M University-Kingsville

Post-doctoral Fellow ▪ November 2018 – December 2019

Department of Natural Resource Ecology and Management, Oklahoma State University, 008C Ag Hall, Stillwater, OK 74078; (405) 744-9646

Graduate Research Assistant ▪ May 2012 – December 2015

Department of Natural Resource Ecology and Management, Oklahoma State University, 008C Ag Hall, Stillwater, OK 74078; (405)-744-9636

Graduate Research Assistant ▪ August 2009 – May 2012

The Center for Native Grasslands Management, The University of Tennessee, 2431 Joe Johnson Drive, Knoxville, TN 37996; (865)-974-7346

Research Technician ▪ May 2008 – August 2008

The Tennessee Tree Improvement Program, 282 Ellington Plant Sciences Building, 2431 Joe Johnson Drive, Knoxville, TN 37996; (865)-974-7993

Courses Taught

RWSC 2331: Range and Wildlife Ecology. Spring 2024. Texas A&M University-Kingsville.

RWSC 2331: Range and Wildlife Ecology. Fall 2023. Texas A&M University-Kingsville.

RWSC 4171: Range and Wildlife Science Capstone Course. Spring 2023. Contributed lecture. Texas A&M University-Kingsville.

RWSC 4171: Range and Wildlife Science Capstone Course. Fall 2023. Contributed lecture. Texas A&M University-Kingsville.

WSCI 6395: Problems in Range and Wildlife Management. Fall 2022. Texas A&M University-Kingsville.

WSCI 6387: Wildlife Habitat Management. Fall 2022. Texas A&M University-Kingsville.

RWSC 2331: Range and Wildlife Ecology. Fall 2022. Texas A&M University-Kingsville.

RWSC 4171: Range and Wildlife Science Capstone Course. Fall 2022. Contributed lecture. Texas A&M University-Kingsville.

RWSC 4171: Range and Wildlife Science Capstone Course. Spring 2022. Contributed lecture. Texas A&M University-Kingsville.

RWSC 2331: Range and Wildlife Ecology. Spring 2022. Texas A&M University-Kingsville.

RWSC 5399: Research Topics. Fall 2021. Texas A&M University-Kingsville.

RWSC 4171: Range and Wildlife Science Capstone Course. Fall 2021. Contributed lecture. Texas A&M University-Kingsville.

RWSC 3310: Wildlife Techniques. Fall 2021. Contributed lecture. Texas A&M University-Kingsville.

RWSC 2331: Range and Wildlife Ecology. Fall 2021. Texas A&M University-Kingsville.

RWSC 4171: Range and Wildlife Science Capstone Course. Spring 2021. Contributed lecture. Texas A&M University-Kingsville.

RWSC 2331: Range and Wildlife Ecology. Spring 2021. Texas A&M University-Kingsville.

RWSC 2331: Range and Wildlife Ecology. Fall 2020. Texas A&M University-Kingsville.

WSCI 6387: Wildlife Habitat Management. Fall 2020. Texas A&M University-Kingsville.

RWSC 3310: Wildlife Techniques. Fall 2020. Contributed lecture. Texas A&M University-Kingsville.

ZOOL 5643. Ecological Niche Modeling. Spring 2017. Guest Lecture. Oklahoma State University.

NREM 3013. Applied Ecology and Conservation. Spring 2017. Guest Lecture. Oklahoma State University.

NREM 1014: Introduction to Natural History. Fall 2016. Teaching Assistant. Oklahoma State University.

NREM 4533: Wildlife Management for Game Species. Fall 2016. Guest Lecture. Oklahoma State University.

WFS 445: Ecology and Management of Wild Birds; Spring 2012. Teaching Assistant. University of Tennessee.

Publications

Refereed Journal Articles

Pennartz, K. J., **E. P. Tanner**, J. M. Carroll, R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2024. From eradication to conservation: identifying areas for restoration and management of a Pliocene relic in a changing climate. *Restoration Ecology*: in press.

Berigan, L. A., C. S. H. Aulicky, E. C. Teige, D. S. Sullins, K. A. Fricke, J. H. Reitz, L. G. Rossi, K. A. Schultz, M. B. Rice, **E. P. Tanner**, S. D. Fuhlendorf, and D. A. Haukos. 2024. Lesser prairie-chicken dispersal after translocation: Implications for restoration and population connectivity. *Ecology and Evolution* 14: e10871.

Tanner, E. P., A. M. Tanner, S. D. Fuhlendorf, R. D. Elmore, C. A. Davis, and J. A. Polo. 2023. Spatio-temporal dynamics in syntopy are driven by variability in rangeland conditions. *Global Ecology and Conservation* 46: e02606.

Sergeyev, M., **E. P. Tanner**, M. J. Cherry, J. V. Lombardi, M. E. Tewes, and T. A. Campbell. 2023. Influence of abiotic factors on habitat selection of sympatric ocelots and bobcats: testing the interactive range-limit theory. *Frontiers in Ecology and Evolution* 11: 1166184.

Sergeyev, M., M. J. Cherry, **E. P. Tanner**, J. V. Lombardi, M. E. Tewes, and T. A. Campbell. 2023. Multiscale assessment of habitat selection and avoidance of sympatric carnivores by the endangered ocelot. *Scientific Reports* 13: 8882.

Camacho, A. M., H. L. Perotto-Baldivieso, **E. P. Tanner**, A. L. Montemayor, W. A. Gless, J. Exum, T. J. Yamashita, A. M. Foley, R. W. DeYoung, and S. D. Nelson. 2023. The broad scale impact of climate change on planning aerial wildlife surveys with drone-based thermal cameras. *Scientific Reports* 13: 4455.

- Rhodes, E. C., H. L. Perotto-Baldivieso, **E. P. Tanner**, J. P. Angerer, and W. E. Fox. 2023. The declining Ogallala Aquifer and the future role of rangeland science on the North American High Plains. *Rangeland Ecology and Management* 87: 83-96.
- Wolf, S. L., D. A. Swedberg, **E. P. Tanner**, S. D. Fuhlendorf, and S. K. Brewer. 2023. Using fiber-optic distributed temperature sensing in fisheries applications: an example from the Ozark Highlands. *Fisheries Research* 258: 106542.
- Page, M. T., H. L. Perotto-Baldivieso, J. A. Ortega-S, **E. P. Tanner**, J. P. Angerer, R. C. Combs, A. M. Camacho, M. Ramirez, V. Cavazos, H. Carroll, K. Baca, D. Daniels, and T. Kimmert. 2022. Evaluating mesquite distribution using unpiloted aerial vehicles and satellite imagery. *Rangeland Ecology and Management* 83: 91-101.
- Robertson, E. P., **E. P. Tanner**, R. D. Elmore, S. D. Fuhlendorf, J. D. Mays, J. Knutson, J. R. Weir, and S. R. Loss. 2022. Fire management alters the thermal landscape and provides multi-scale thermal options for a terrestrial turtle facing a changing climate. *Global Change Biology* 28: 782-796.
- Tanner, E. P.**, A. M. Tanner, S. D. Fuhlendorf, R. D. Elmore, C. A. Davis, and J. A. Polo. 2021. Land enrolled in the Conservation Reserve Program supports roosting ecology of the lesser prairie-chicken. *Global Ecology and Conservation* 32: e01916.
- Tanner, E. P.**, S. D. Fuhlendorf, J. A. Polo, and J. M. Peterson. 2021. Woody encroachment of grasslands: near-surface thermal implications assessed through the lens of an astronomical event. *Ecology and Evolution* 11: 12886-12901.
- Noden, B. H., **E. P. Tanner**, J. A. Polo, and S. D. Fuhlendorf. 2021. Invasive woody plants as foci of tick-borne pathogens: eastern redcedar in the southern Great Plains. *Journal of Vector Ecology* 46: 12-18.
- Kauffman, K. L., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, L. E. Goodman, C. A. Hagen, and **E. P. Tanner**. 2021. Role of the thermal environment in scaled quail (*Callipepla squamata*) nest site selection and survival. *Journal of Thermal Biology* 95: 102791.
- Polo, J. A., **E. P. Tanner**, R. Scholtz, S. D. Fuhlendorf, J. T. Ripberger, C. I. Silva, H. C. Jenkins-Smith, and N. Carlson. 2020. Mismatches in prescribed fire awareness and implementation in Oklahoma, USA. *Rangelands* 42: 196-202.
- Tanner, A. M., **E. P. Tanner**, M. Papeş, S. D. Fuhlendorf, R. D. Elmore, and C. A. Davis. 2020. Using aerial surveys and citizen science to create species distribution models for an imperiled grouse species. *Biodiversity and Conservation* 29: 967-986.
- Tanner, E. P.**, J. P. Orange, C. A. Davis, R. D. Elmore, and S. D. Fuhlendorf. 2019. Behavioral modifications lead to disparate demographic consequences in two sympatric species. *Ecology and Evolution* 9: 9273-9289.
- Rhoden, C. M., J. P. Orange, **E. P. Tanner**, D. L. Baxley, J. J. Morgan, and B. A. Robinson. Factors influencing hunter flush success of three small game species. *Wildlife Society Bulletin* 42: 414-419.

Scholtz, R., J. A. Polo, **E. P. Tanner**, and S. D. Fuhlendorf. Grassland fragmentation and its influence on woody plant cover in the southern Great Plains, USA. *Landscape Ecology* 33: 1785-1797.

Tanner, E. P., and S. D. Fuhlendorf. Impact of an agri-environmental scheme on landscape patterns. *Ecological Indicators*: 85: 956-965.

Lituma, C. M., D. A. Buehler, **E. P. Tanner**, A. M. Tanner, P. D. Keyser, and C. A. Harper. Factors affecting availability for detection: a case example using radio-collared northern bobwhite (*Colinus virginianus*). *PLoS ONE* 12: e0190376.

Tanner, E. P., M. Papeş, R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2017. Incorporating abundance information and guiding variable selection for climate-based ensemble forecasting of species' distributional shifts. *PLoS ONE* 12: e0184316.

Elmore, R. D., J. M. Carroll, **E. P. Tanner**, T. J. Hovick, B. A. Grisham, and S. D. Fuhlendorf. 2017. Implications of the thermal environment for terrestrial wildlife management. *Wildlife Society Bulletin* 41: 183-193.

Davis, C.A., J. P. Orange, R. A. Van Den Bussche, R. D. Elmore, S. D. Fuhlendorf, J. M. Carroll, **E. P. Tanner**, and D. M. Leslie, Jr. 2017. Extrapair paternity and nest parasitism in two sympatric quail species. *The Auk* 134: 811-820.

Cheng, Y., C. Sayde, Q. Li, J. Selker, J. Basara, **E. Tanner**, and P. Gentine. 2017. Failure of Taylor's hypothesis in the atmospheric surface layer and its correction for eddy-covariance measurements. *Geophysical Research Letters* 44: 4287-4295.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2017. Wintering bird responses to the presence of artificial surface water in a semi-arid rangeland. *Wildlife Biology*: wlb.00315.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2017. Evidence of nest tenacity in scaled quail (*Callipepla squamata*) following an anthropogenic disturbance. *The Wilson Journal of Ornithology* 129: 354-359.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, C. A. Davis, D. K. Dahlgren, and J. P. Orange. 2017. Extreme climatic events constrain space use and survival of a ground-nesting bird. *Global Change Biology* 23: 1832-1846.

Brooke, J. M., **E. P. Tanner**, D. C. Peters, A. M. Tanner, C. A. Harper, P. D. Keyser, J. D. Clark, and J. J. Morgan. 2017. Northern bobwhite breeding season ecology on a reclaimed surface mine. *Journal of Wildlife Management* 81: 73-85.

Orange, J. P., C. A. Davis, R. D. Elmore, **E. P. Tanner**, S. D. Fuhlendorf, and E. T. Thacker. 2016. Evaluating the efficacy of brood flush counts: a case study in two quail species. *Western North American Naturalist* 76: 8.

Tanner, E. P., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, D. K. Dahlgren, E. T. Thacker, and J. P. Orange. 2016. Does the presence of oil and gas infrastructure potentially increase risk of harvest in northern bobwhite? *Wildlife Biology* 22: 294-304.

Rabon, J. C., and **E. P. Tanner**. 2016. First record of Scott's oriole (*Icterus parisorum*) for Oklahoma. Bulletin of the Oklahoma Ornithological Society 49: 9-13.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, C. A. Davis, E. T. Thacker, and D. K. Dahlgren. 2015. Behavioral responses at distribution extremes: how artificial surface water can affect quail movement patterns. Rangeland Ecology and Management 68: 476-484.

Brooke, J. M., D. C. Peters, A. M. Unger, **E. P. Tanner**, C. A. Harper, P. D. Keyser, J. D. Clark, and J. J. Morgan. 2015. Habitat manipulation influences northern bobwhite resource selection on a reclaimed surface mine. Journal of Wildlife Management 79:1264-1276.

Peters, D. C., J. M. Brooke, **E. P. Tanner**, A. M. Unger, P. D. Keyser, C. A. Harper, J. D. Clark, and J. J. Morgan. 2015. Impact of experimental habitat manipulation on northern bobwhite survival. Journal of Wildlife Management 79:605-617.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, F. T. Van Manen, J. J. Morgan, and D. L. Baxley. 2015. Northern bobwhite seasonal habitat selection on a reclaimed surface coal mine in Kentucky. Journal of the Southeastern Association of Fish and Wildlife Agencies 2:235-246.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, J. D. Clark, and J. J. Morgan. 2012. Comparison of survival for radio-tagged versus unmarked northern bobwhite. Proceedings of the National Quail Symposium 7:212-216.

Unger, A. M., **E. P. Tanner**, C. Harper, P. Keyser, and J. Morgan. 2012. Northern bobwhite survival related to movement on a reclaimed surface coal mine. Proceedings of the National Quail Symposium 7:223-228.

Nonrefereed Articles

Tanner, E. P., A. M. Tanner, M. A. Kalisek, C. D. Hilton, and C. Hoskinson. 2023. Adapting in an urbanized landscape: benefit and costs through the lens of the black vulture. Texas Wildlife Association Magazine April 2023: 22-24.

McKinney, C. M., K. A. Travis, A. M. Tanner, **E. P. Tanner**, L. A. Brennan, F. Hernandez, H. L. Perotto-Baldivieso, D. G. Hewitt, D. B. Wester, R. Luna, and J. McLaughlin. 2023. Linking animal communication with conservation: what vocal behaviors of scaled quail tell us about their habitat in South Texas rangelands. 2023. Caesar Kleberg Tracks Fall 2023.

Tanner, E. P., A. R. Coronado, and A. M. Tanner. 2022. From trash to treasure: city park benefits Texas tortoises. Quarterly Newsletter of the Caesar Kleberg Wildlife Research Institute: 2022. Caesar Kleberg Tracks Spring 2022: 4-7

Perotto-Baldivieso, H. L., D. G. Hewitt, J. A. Ortega-S, A. Foley, R. DeYoung, L. A. Brennan, W. P. Kuvlesky, S. Henke, F. Hernandez, **E. P. Tanner**, T. Fulbright, N. Bell, and C. C. Donato-Molina. 2022. The Drone Program at CKWRI: 5 Years in the Skies.

McKinney, C. M., K. A. Travis, **E. P. Tanner**, A. M. Tanner, L. A. Brennan, and M. J. Sheriff. 2022. It's hard to be a quail: a multiscale assessment of chronic stressors of quail in South Texas. Texas Quail Coalition Magazine.

Tanner, E. P., and M. J. Cherry. 2021. Implications of the thermal environment for white-tailed deer management. Texas Wildlife December 2021: 20-21.

Andersson, K., E. Thacker, M. Carroll, **E. P. Tanner**, J. Orange, R. Carroll, C. Duquette, C. A. Davis, R. D. Elmore, and S. D. Fuhlendorf. 2021. Research Summary: Quail population and nesting characteristics in western Oklahoma. Oklahoma Agricultural Experiment Station, Division of Agricultural Sciences and Natural Resources, Oklahoma State University. P-1063.

Tanner, E. P., K. J. Pennartz, M. K. Clayton, and A. D. Falk. 2021. When a native becomes invasive: whitebrush management strategies for South Texas. Caesar Kleberg Tracks Spring 2021: 5-7.

Tanner, E. P. 2020 Beating the heat: adaptive strategies of northern bobwhite and management options during periods of high temperatures. Caesar Kleberg Tracks Spring 2020: 4-7.

(<https://www.ckwri.tamuk.edu/publications/newsletter/caesar-kleberg-tracks-spring-2020>)

Andersson, K., E. Thacker, M. Carroll, **E. P. Tanner**, J. Orange, R. Carroll, C. Duquette, C. Davis, S. Fuhlendorf, and D. Elmore. 2018. Research Summary: Evaluation of northern bobwhite and scaled quail in western Oklahoma. Oklahoma Agricultural Experiment Station, Division of Agricultural Sciences and Natural Resources, Oklahoma State University. P-1054.

Williams, E., J. Arnold, J. Brooke, D. Peters, **E. P. Tanner**, A. Tanner, J. Morgan, B. Robinson, C. Harper, P. Keyser, J. Orange, G. Sprandel, C. Rhoden, and O. Williams. 2017. Expect Something Different: Peabody Quail.

<https://bringbackbobwhites.org/download/peabody-quail/>

Tanner, E. P. 2015. Influence of food and water supplementation on northern bobwhite. Oklahoma State University Wildlife Chairs Newsletter Volume 2: 1 & 3. (wildlifechairs.okstate.edu/documents/newsletters/Volume2-web.pdf)

Tanner, E. P. 2014. Bobwhite and scaled quail ecology. Oklahoma State University Wildlife Chairs Newsletter Volume 1: 5. (wildlifechairs.okstate.edu/documents/newsletters/Volume1-web.pdf).

Elmore, R.D, **E. P. Tanner**, T.G. Bidwell, and S. Cox. 2013. Northern Bobwhite Habitat Requirements and Evaluation Guide (revision). Oklahoma Cooperative Extension Service. E-904.

Refereed Abstracts

Page, M. T., R. C. Combs, B. K. Johnston, M. Ramirez, A. M. Camacho, A. DiMaggio, J. A. Ortega-S, D. Daniels, T. Kimmet, **E. P. Tanner**, J. Angerer, H. L. Perotto-Balivieso. 2021. An operational approach to forage mass estimation using drones. 74th Annual Society for Range Management Meeting. Virtual Conference.

Camacho, A. M., M. T. Page, M. A. Ramirez, J. A. Ortega-S., **E. P. Tanner**, F. S. Smith, A. D. Falk, D. Daniels, T. Kimmet, S. D. Nelson, and H. L. Perotto-Baldivieso. 2021. Developing spectral signatures for South Texas grasses using UAV mounted multispectral sensors. 74th Annual Society for Range Management Meeting. Virtual Conference.

Ramirez, M. A., M. T. Page, R. C. Combs, A. M. Camacho, B. K. Johnston, **E. P. Tanner**, A. DiMaggio, J. A. Ortega-S, D. Daniels, T. Kimmet, J. Angerer, and H. L. Perotto-Baldivieso. 2021. Pasture biomass estimation using UAV lowest point analysis. 74th Annual Society for Range Management Meeting. Virtual Conference.

Gless, W., A. Camacho, M. Page, M. Ramirez, J. A. Oretaga-S, **E. P. Tanner**, F. S. Smith, A. D. Falk, D. Daniels, T. Kimmet, S. D. Nelson, and H. L. Perotto-Baldivieso. 2021. Identifying spectral signatures for bunch grasses using UAV mounted multispectral sensors. 74th Annual Society for Range Management Meeting. Virtual Conference.

E. P. Tanner, A. M. Tanner, S. D. Fuhlendorf, R. D. Elmore, C. A. Davis, and J. A. Polo. 2021. Human policy influences roosting ecology of an imperiled prairie grouse. 74th Annual Society for Range Management Meeting. Virtual Conference.

E. P. Tanner, J. P. Orange, C. A. Davis, R. D. Elmore, and S. D. Fuhlendorf. 2020. Behavioral modifications lead to disparate demographic consequences in two sympatric species. The Wildlife Society 27th National Conference. Virtual Conference.

E. P. Tanner, A. M. Tanner, S. D. Fuhlendorf, R. D. Elmore, C. A. Davis, and J. A. Polo. 2020. Human policy influences roosting ecology of an imperiled prairie grouse. The Wildlife Society 27th National Conference. Virtual Conference.

E. P. Tanner, J. A. Polo, S. Wolf, S. D. Fuhlendorf, and S. K. Brewer. 2019. Quantifying Spatio-Temporal Variability in Thermal Landscapes Through a Fiber-Optic Distributed Temperature Sensing System: Implications for Thermal Ecology Research. 52nd Joint Annual Meeting of the Arizona/New Mexico Chapters of The Wildlife Society and the Arizona/New Mexico Chapters of The American Fisheries Society, Albuquerque, New Mexico.

Wolf, S., **E. P. Tanner**, S. D. Fuhlendorf, R. Mollenhauer, and S. Brewer. 2019. Practical tool or shiny penny? Using fiber-optic distributed temperature sensing to improve evaluations of temperature selection by stream fishes. Southern Division Meeting of the American Fisheries Society, Galveston Island, Texas.

Tanner, E. P., S. D. Fuhlendorf, J. A Polo, and J. M. Peterson. 2018. An astronomical event reveals the role of landscapes as thermal moderators. 103rd Annual Ecological Society of America Meeting, New Orleans, Louisiana.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, C. A. Davis, D. K. Dahlgren, and J. P. Orange. 2018. Extreme weather events create pinch points for a galliform. 103rd Annual Ecological Society of America Meeting, New Orleans, Louisiana.

Scholtz, R., S. R. Archer, S. D. Fuhlendorf, R. Buitenwerf, **E. P. Tanner**, and J. A. Polo. 2018. Woody plant dynamics in fragmented landscapes of the Great Plains, USA. 103rd Annual Ecological Society of America Meeting, New Orleans, Louisiana.

Wolf, S., R. Mollenhauer, **E. Tanner**, and S. Brewer. 2018. Seasonal habitat selection by fishes in Ozark Streams. 149th Annual American Fisheries Society Meeting, Atlantic City, New Jersey.

Wolf, S. **E. Tanner**, R. Mollenhauer, S. Fuhlendorf, and S. Brewer. 2018. Determining the temperature selection patterns of native stream fishes in an Ozark stream. Oklahoma Natural Resource Conference, Tulsa, Oklahoma.

Scholtz, R., J. A. Polo, **E. P. Tanner**, and S. D. Fuhlendorf. 2018. Woody plant dynamics in fragmented landscapes of the Great Plains, USA. 71st Annual Society for Range Management Meeting, Reno, Nevada.

Tanner, E. P., S. D. Fuhlendorf, and J. A. Polo. 2017. Use of fiber-optic distributed temperature sensing to characterize changes in thermal patterns within a fragmented grassland. The Wildlife Society 24th National Conference, Albuquerque, New Mexico.

Tanner, A. M., **E. P. Tanner**, and S. D. Fuhlendorf. 2017. Mirror, mirror: examining the reflection of hunting and fishing through advertisements. The Wildlife Society 24th National Conference, Albuquerque, New Mexico.

Tanner, E. P., R. D. Elmore, D. K. Dahlgren, C. A. Davis, and S. D. Fuhlendorf. 2017. Comparison of dog surveys and fall covey surveys in estimating fall population trends of northern bobwhite. Quail 8 Symposium, Knoxville, Tennessee.

Elmore, R. D., **E. P. Tanner**, C. A. Davis, D. K. Dahlgren, S. D. Fuhlendorf, and J. P. Orange. 2017. Extreme weather events create pinch points for northern bobwhite. *Perdix* Symposium – International Union of Game Biologists. Montpellier, France.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2017. Wintering bird response to the presence of artificial surface water. Oklahoma Natural Resource Conference, Tulsa, Oklahoma.

Tanner, E. P., and S. D. Fuhlendorf. 2017. Impact of an agri-environmental scheme on landscape patterns. 70th Annual Society for Range Management Meeting, Saint George, Utah.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2016. Ecological pinch points affect usable space and survival of a ground-nesting bird. Oklahoma Natural Resource Conference, Oklahoma City, Oklahoma.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2016. Ecological pinch points affect usable space and survival of a ground-nesting bird. 69th Annual Society for Range Management Meeting, Corpus Christi, Texas.

Tanner, E. P., M. Papeş, R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2015. When strongholds collapse: gains in future distributions may cost current population sources under future climate projections. The Wildlife Society 22nd National Conference, Winnipeg, Manitoba.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2015. Predicting shifts in northern bobwhite and scaled quail distribution from climate change. Joint Meeting of the Oklahoma Chapter of the American Fisheries Society and the Oklahoma Wildlife Society, Tulsa, Oklahoma.

Orange, J. P., C. A. Davis, S. D. Fuhlendorf, R. D. Elmore, and **E. P. Tanner.** 2015. Survival, movement, and habitat use of northern bobwhite and scaled quail chicks at the periphery of their distributional ranges. 2015. Joint Meeting of the Oklahoma Chapter of the American Fisheries Society and the Oklahoma Wildlife Society, Tulsa, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2014. Impacts of artificial surface water sources on northern bobwhite and scaled quail populations. 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, Florida.

Orange, J. P., C. A. Davis, R. A. Van Den Bussche, S. D. Fuhlendorf, R. D. Elmore, M. J. Carroll, and **E. P. Tanner.** 2014. Parasitism, paternity, and brood mixing in two sympatric quail species. 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, Florida.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2014. Comparative ecology of northern bobwhite and scaled quail within distribution extremes. Joint Meeting of the Oklahoma Wildlife Society and Oklahoma Society for Range Management. Arcadia, Oklahoma.

Orange, J. P., R. A. Van Den Bussche, M. E. Trope, C. A. Davis, S. D. Fuhlendorf, R. D. Elmore, M. J. Carroll, and **E. P. Tanner.** 2014. Extra-pair paternity, intra-specific nest parasitism, and brood amalgamation in northern bobwhite. Joint Meeting of the Oklahoma Wildlife Society and Oklahoma Society for Range Management. Arcadia, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, and E. T. Thacker. 2013. Comparative ecology of northern bobwhite and scaled quail in a sand sagebrush community. 67th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Oklahoma City, Oklahoma.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2013. Evaluation of multi-scale factors affecting northern bobwhite nesting ecology on reclaimed mined lands in Kentucky. 67th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Oklahoma City, Oklahoma.

Unger, A. M., **E. P. Tanner,** C. A. Harper, P. D. Keyser, F. T. Van Manen, and J. J. Morgan. 2013. Northern bobwhite seasonal habitat selection on a reclaimed surface coal mine in Kentucky. 67th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Oklahoma City, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, and E. T. Thacker. 2013. Habitat use, survival, and movements of northern bobwhite and scaled quail in western Oklahoma. Oklahoma Department of Wildlife Conservation Annual Technical Meeting. Stillwater, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, and E. T. Thacker. 2012. Breeding season ecology of northern bobwhite and scaled quail in the sand sagebrush community. Oklahoma Wildlife Society Meeting, Tall Grass Prairie Preserve, Oklahoma.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, J. D. Clark, and J. J. Morgan. 2012. Comparison of survival for radio-tagged versus unmarked northern bobwhite. Quail VII Symposium. Tucson, Arizona.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2012. Effects of disking and planting on northern bobwhite movement and survival. Quail VII Symposium. Tucson, Arizona.

Lituma, C. M., D. A. Buehler, **E. P. Tanner**, A. M. Unger, P. D. Keyser, and C. A. Harper. 2012. Monitoring northern bobwhite breeding populations in the Central Hardwoods Bird Conservation Region. Quail VII Symposium. Tucson, Arizona.

Unger, A. M., **E. P. Tanner**, C. A. Harper, and P. D. Keyser. 2011. Northern bobwhite population ecology on reclaimed mined land. National Bobwhite Technical Committee Meeting. Tallahassee, Florida.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2011. Influence of vegetation types on northern bobwhite survival on reclaimed mined lands. Tennessee Wildlife Society Meeting. Townsend, Tennessee.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2011. Northern bobwhite habitat selection on a reclaimed surface coal mine in Kentucky. Tennessee Wildlife Society Meeting. Townsend, Tennessee.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2011. Influence of vegetation types on northern bobwhite survival on reclaimed mined lands. Kentucky Wildlife Society Meeting. Cumberland Falls State Resort Park, Kentucky.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2011. Northern bobwhite habitat selection on a reclaimed surface coal mine in Kentucky. Kentucky Wildlife Society Meeting. Cumberland Falls State Resort Park, Kentucky.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2010. Influence of native warm-season grasses on northern bobwhite survival on reclaimed mined land. 7th Eastern Native Grass Symposium. Knoxville, Tennessee.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2010. Habitat selection of northern bobwhites on a reclaimed surface coal mine in Kentucky. 7th Eastern Native Grass Symposium. Knoxville, Tennessee.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, J. J. Morgan, and E. M. Williams. 2010. Northern bobwhite population ecology on reclaimed mined land. National Bobwhite Technical Committee Meeting. Tallahassee, Florida.

Nonrefereed Abstracts

Tanner, E. P., M. E. O'Brien, D. G. Hewitt, F. S. Smith, J. R. Bow, and D. B. Wester. 2020. Restoring native rangelands in the Edwards Plateau. CKWRI Current Research 2019-2020.

Tanner, E. P., E. A. Valdez, and M. K. Clayton. Ecology and management of whitebrush in Texas. CKWRI Current Research 2019-2020.

Sergeyev, M., M. E. Tewes, **E. P. Tanner**, J. D. Holbrook, and T. A. Campbell. 2020. Influence of extreme temperature on ocelot habitat use. CKWRI Current Research 2019-2020.

Dykes, J. L., A. K. Killam, R. W. DeYoung, **E. P. Tanner**, M. J. Cherry, and C. D. Hilton. 2020. How does shade and wind affect space use by deer? CKWRI Current Research 2019-2020.

Refereed Proceedings

Brennan, L. A., A. M. Tanner, and **E. P. Tanner**. 2022. Adaptive management and quail conservation on rangelands in the American West. National Quail Symposium Proceedings 9:8.

Weber, D. A., **E. P. Tanner**, T. M. Terhune II, J. M. Varner, and J. A. Martin. 2022. Northern bobwhite and fire: a review and synthesis. National Quail Symposium Proceedings 9:63.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, J. D. Clark, and J. J. Morgan. 2012. Comparison of survival for radio-tagged versus unmarked northern bobwhite. Proceedings of the National Quail Symposium 7:212-216.

Unger, A. M., **E. P. Tanner**, C. Harper, P. Keyser, and J. Morgan. 2012. Northern bobwhite survival related to movement on a reclaimed surface coal mine. Proceedings of the National Quail Symposium 7:223-228.

Nonrefereed Proceedings

None

Books, Chapters, Monographs, Reviews, etc.

Tanner, E. P. 2022. Book Review: Foundations for advancing animal ecology: Michael L. Morrison, Leonard A. Brennan, Bruce G. Marcot, William M. Block and Kevin S. McKelvey. 2020. The Johns Hopkins University Press, Baltimore Maryland, USA. 208 pp. The Journal of Wildlife Management 86: e22186.

Presentations

Refereed

International

Green, B.R., **E.P. Tanner**, R.B. Chandler, H.N. Abernathy, L.M. Conner, E.P. Garrison, D.B. Shindle, K.V. Miller, and M.J. Cherry. 2023. Temperature influences habitat selection and predation risk tolerance in a climate

generalist. 13th International Mammalogical Congress & 102nd Annual Meeting of the American Society of Mammalogists. Anchorage, AK.

Dart, M. M., **E. P. Tanner**, T. E. Fulbright, A. P. Opatz, L. J. Heffelfinger, D. G. Hewitt, R. W. DeYoung, S. S. Gray, and M. J. Cherry. 2023. The importance of behavioral state-specific inclusion in resource selection analyses: a case study with pronghorn. 13th International Mammalogical Congress & 102nd Annual Meeting of the American Society of Mammalogists. Anchorage, AK.

Elmore, R. D., **E. P. Tanner**, C. A. Davis, D. K. Dahlgren, S. D. Fuhlendorf, and J. P. Orange. 2017. Extreme weather events create pinch points for northern bobwhite. *Perdix* Symposium – International Union of Game Biologists. Montpellier, France.

Tanner, E. P., M. Papeş, R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2015. When strongholds collapse: gains in future distributions may cost current population sources under future climate projections. The Wildlife Society 22nd National Conference, Winnipeg, Manitoba.

National

Tanner, E. P., and H. L. Perotto-Baldivieso. 2023. Utilizing thermal landscapes as an impetus towards integrating climate science into patch-burn management education in undergraduate curriculum. 76th Annual Society for Range Management Meeting, Boise, Idaho.

Pennartz, K. J., **E. P. Tanner**, A. Falk, H. L. Perotto-Baldivieso, and M. C. Clayton. 2023. Niche divergence of a drought-deciduous shrub and its implications on range expansion under changing climate scenarios. 76th Annual Society for Range Management Meeting, Boise, Idaho.

Massey, L., H. L. Perotto-Baldivieso, A. Ortega-S., **E. P. Tanner**, J. Avila-Sanchez. 2023. Using UAVs to quantify forage production of a pastureland. 76th Annual Society for Range Management Meeting, Boise, Idaho.

O'Brien, M. E., **E. P. Tanner**, D. Wester, A. Falk, and S. Rideout-Hanzak. 2023. Native grassland restoration in the Edwards Plateau ecoregion of Texas. 76th Annual Society for Range Management Meeting, Boise, Idaho.

Rhodes, E., H. L. Perotto-Baldivieso, **E. P. Tanner**, J. Angerer, and W. Fox. 2023. It's all over but the drying: transitioning land-use paradigms in the Southern Ogallala Region. UCOWR/NIWR Annual Water Resources Conference, Fort Collins, Colorado.

Turnley, M.T., W.S. Fairbanks, M.J. Cherry, M.M. Dart, R.W. DeYoung, D.P. Hahn, L.J. Heffelfinger, R.C. Lonsinger, **E. P. Tanner**, H.G. Wang, and M.C. Chitwood. 2023. Fate from feces? Investigating pre-parturition diet indices as predictors of offspring survival in pronghorn. 30th Annual Meeting of The Wildlife Society, Louisville, KY.

Hahn, D. P., R. C. Lonsinger, M. C. Chitwood, M. T. Turnley, M. M. Dart, L. J. Heffelfinger, **E. P. Tanner**, M. J. Cherry, R. W. DeYoung, H. G. Wang, and W. S. Fairbanks. 2023. Factors influencing pronghorn fawn survival in the Oklahoma Panhandle. 30th Annual Meeting of The Wildlife Society, Louisville, KY.

N. De Filippo, C. Griffin, M. Barrett, C. Bedoian, K. Andersson, **E. P. Tanner**, R. DeYoung, C. A. Davis, S. Fuhlendorf, and R. D. Elmore, Chitwood, M. C. 2023. Wild Turkey Population Dynamics in Southeastern Oklahoma. 30th Annual Meeting of The Wildlife Society, Louisville, KY.

Dart, M. M., **E. P. Tanner**, T. E. Fulbright, A. P. Opatz, L. J. Heffelfinger, D. G. Hewitt, R. W. DeYoung, S. S. Gray, and M. J. Cherry. 2023. Uncovering behavioral state-dependent resource selection in pronghorn: implications for targeted management strategies. 30th Annual Meeting of The Wildlife Society, Louisville, KY.

Hopper, M. L., B. R. Green, J. A. Hediger, C. D. Hilton, D. G. Hewitt, **E. P. Tanner**, M. J. Cherry. 2023. Nutritional Wisdom and Diet Selection of Captive White-tailed Deer. 30th Annual Meeting of The Wildlife Society, Louisville, KY.

Branney, A., **E. P. Tanner**, M. Tewes, and M. J. Cherry. 2022. The scale of effect of landscape level habitat management strategies on a generalist carnivore: the bobcat. The Wildlife Society 29th National Conference, Spokane, WA. Oral presentation.

Kalisek, M. A., A. M. Tanner, **E. P. Tanner**, C. D. Hilton, C. Hoskinson, R. L. Sramek, K. Garwood, and M. J. Bodenchuk. 2022. Assessment of environmental contaminants in obligate avian scavengers. The Wildlife Society 29th National Conference, Spokane, WA. Oral presentation.

Green, B. R., **E. P. Tanner**, R. B. Chandler, H. N. Abernathy, L. M. Conner, E. P. Garrison, D. B. Shindle, K. V. Miller, and M. J. Cherry. 2022. Find shade, be prey: temperature drives habitat selection and tolerance of predation risk in a climate generalist. The Wildlife Society 29th National Conference, Spokane, WA. Oral presentation.

Massey, L., Z. Pearson, A. Camacho, H. Perotto-Baldivieso, **E. P. Tanner**, J. A. Ortega-S. 2022. Quantifying the landscape configuration and composition of Tamaulipan Thornscrub in South Texas using UAVs. 75th Annual Society for Range Management Meeting, Albuquerque, New Mexico. Poster presentation.

Polo, J. A., **E. P. Tanner**, R. Scholtz, S. D. Fuhlendorf, J. Ripberger, C. Silva, H. Jenkins-Smith, and N. Carlson. 2021. Mismatches in prescribed fire awareness and implementation in Oklahoma, USA. 74th Annual Society for Range Management Meeting. Virtual Conference.

Page, M. T., R. C. Combs, B. K. Johnston, M. Ramirez, A. M. Camacho, A. DiMaggio, J. A. Ortega-S, D. Daniels, T. Kimmet, **E. P. Tanner**, J. Angerer, H. L. Perotto-Baldivieso. 2021. An operational approach to forage mass estimation using drones. 74th Annual Society for Range Management Meeting. Virtual Conference.

Camacho, A. M., M. T. Page, M. A. Ramirez, J. A. Ortega-S., **E. P. Tanner**, F. S. Smith, A. D. Falk, D. Daniels, T. Kimmet, S. D. Nelson, and H. L. Perotto-Baldivieso. 2021. Developing spectral signatures for South Texas grasses using UAV mounted multispectral sensors. 74th Annual Society for Range Management Meeting. Virtual Conference.

Ramirez, M. A., M. T. Page, R. C. Combs, A. M. Camacho, B. K. Johnston, **E. P. Tanner**, A. DiMaggio, J. A. Ortega-S, D. Daniels, T. Kimmet, J. Angerer, and H. L. Perotto-Baldivieso. 2021. Pasture biomass estimation using UAV lowest point analysis. 74th Annual Society for Range Management Meeting. Virtual Conference.

Gless, W., A. Camacho, M. Page, M. Ramirez, J. A. Oretaga-S, **E. P. Tanner**, F. S. Smith, A. D. Falk, D. Daniels, T. Kimmet, S. D. Nelson, and H. L. Perotto-Baldivieso. 2021. Identifying spectral signatures for bunch grasses using UAV mounted multispectral sensors. 74th Annual Society for Range Management Meeting. Virtual Conference.

E. P. Tanner, A. M. Tanner, S. D. Fuhlendorf, R. D. Elmore, C. A. Davis, and J. A. Polo. 2021. Human policy influences roosting ecology of an imperiled prairie grouse. 74th Annual Society for Range Management Meeting. Virtual Conference.

E. P. Tanner, J. P. Orange, C. A. Davis, R. D. Elmore, and S. D. Fuhlendorf. 2020. Behavioral modifications lead to disparate demographic consequences in two sympatric species. The Wildlife Society 27th National Conference. Virtual Conference.

E. P. Tanner, A. M. Tanner, S. D. Fuhlendorf, R. D. Elmore, C. A. Davis, and J. A. Polo. 2020. Human policy influences roosting ecology of an imperiled prairie grouse. The Wildlife Society 27th National Conference. Virtual Conference.

Tanner, E. P., S. D. Fuhlendorf, J. A. Polo, and J. M. Peterson. 2018. An astronomical event reveals the role of landscapes as thermal moderators. 103rd Annual Ecological Society of America Meeting, New Orleans, Louisiana.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, C. A. Davis, D. K. Dahlgren, and J. P. Orange. 2018. Extreme weather events create pinch points for a galliform. 103rd Annual Ecological Society of America Meeting, New Orleans, Louisiana.

Scholtz, R., S. R. Archer, S. D. Fuhlendorf, R. Buitenwerf, **E. P. Tanner**, and J. A. Polo. 2018. Woody plant dynamics in fragmented landscapes of the Great Plains, USA. 103rd Annual Ecological Society of America Meeting, New Orleans, Louisiana.

Scholtz, R., J. A. Polo, **E. P. Tanner**, and S. D. Fuhlendorf. 2018. Woody plant dynamics in fragmented landscapes of the Great Plains, USA. 71st Annual Society for Range Management Meeting, Reno, Nevada.

Tanner, E. P., S. D. Fuhlendorf, and J. A. Polo. 2017. Use of fiber-optic distributed temperature sensing to characterize changes in thermal patterns within a fragmented grassland. The Wildlife Society 24th National Conference, Albuquerque, New Mexico.

Tanner, E. P., and S. D. Fuhlendorf. 2017. Impact of an agri-environmental scheme on landscape patterns. 70th Annual Society for Range Management Meeting, Saint George, Utah.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2016. Ecological pinch points affect usable space and survival of a ground-nesting bird. 69th Annual Society for Range Management Meeting, Corpus Christi, Texas.

Tanner, A. M., **E. P. Tanner**, and S. D. Fuhlendorf. 2017. Mirror, mirror: examining the reflection of hunting and fishing through advertisements. The Wildlife Society 24th National Conference, Albuquerque, New Mexico.

Wolf, S., R. Mollenhauer, **E. Tanner**, and S. Brewer. 2018. Seasonal habitat selection by fishes in Ozark Streams. 149th Annual American Fisheries Society Meeting, Atlantic City, New Jersey.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, J. D. Clark, and J. J. Morgan. 2012. Comparison of survival for radio-tagged versus unmarked northern bobwhite. Quail VII Symposium. Tucson, Arizona.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2012. Effects of disking and planting on northern bobwhite movement and survival. Quail VII Symposium. Tucson, Arizona.

Lituma, C. M., D. A. Buehler, **E. P. Tanner**, A. M. Unger, P. D. Keyser, and C. A. Harper. 2012. Monitoring northern bobwhite breeding populations in the Central Hardwoods Bird Conservation Region. Quail VII Symposium. Tucson, Arizona.

State

Pennartz, K., **E. P. Tanner**, J. M. Carrol, R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2023. From eradication to conservation: Identifying areas for restoration and management of shinnery oak in a changing climate. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas. Cottam presentation (**2nd place award**).

Moberg, Dakota, L. Massey, H. L. Perott-Baldivieso, **E. P. Tanner**, L. A. Brennan, and J. Franco. 2023. Quantifying population trends and habitat for the chestnut-bellied scaled quail in South Texas rangelands. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas. Cottam presentation.

Jacobson, S., L. A. Brennan, H. L. Perotto-Baldivieso, **E. P. Tanner**, and K. Miller. 2023. Population and habitat assessment of the California, Mountain, and Gambel's quail in California's changing landscape. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Bowman, B., R. Luna, L. Gonzalez, and **E. P. Tanner**. 2023. Habitat selection of scaled quail across a gradient of oil and gas development in the Permian Basin, Texas. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Dart, M., **E. P. Tanner**, T. Fulbright, A. Opatz, L. Heffelfinger, D. Hewitt, R. DeYoung, S. Gray, and M. J. Cherry. 2023. Examining seasonal movement behavior of pronghorn in the Texas Panhandle. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Green, B., **E. P. Tanner**, R. Chandler, H. Abernathy, L. M. Conner, E. Garrison, D. Shindle, K. Miller, and M. J. Cherry. 2023. Temperature drives habitat selection and tolerance of predation risk in a climate generalist. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

O'Brien, M. E., **E. P. Tanner**, D. Wester, A. Falk, and S. Rideout-Hanzak. 2023. Native grassland restoration in the Edwards Plateau ecological region of Texas. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Tanguma, K., H. L. Perotto-Baldivieso, **E. P. Tanner**, A. Falk, S. Avila, and L. Massey. 2023. Measuring water and nutrients in rangeland grass species: what can we learn from drones? 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

McKinney, C., **E. P. Tanner**, A. M. Tanner, K. Travis, L. Brennan, F. Hernandez, H. L. Perotto-Baldivieso, R. Luna, and J. McLaughlin. 2023. Comparing two detection methods for estimating occupancy of chestnut-bellied scaled quail in South Texas. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Kiel, C., **E. P. Tanner**, A. Tanner, S. Rideout-Hanzak, M. Morrison, and A. Montalva. 2023. Texas tortoise response to prescribed fire in South Texas coastal rangelands. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Ellissetche, J., F. Fay, S. Rideout-Hanzak, D. Wester, S. Henke, H. L. Perotto-Baldivieso, **E. P. Tanner**, M. Anderson, C. Eversole, and J. Singhurt. 2023. Evaluation of South Texas clay loma characteristics. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Travis, K., **E. P. Tanner**, A. M. Tanner, C. McKinney, F. Hernandez, R. D. Elmore, K. Andersson, C. A. Davis, S. D. Fuhlendorf, R. Carroll, B. Kubecka, R. Ruzicka, D. Rollins, R. Luna, B. Grisham, C. B. Dabbert, S. Fritts, and S. Carleton. 2023. Using a ground-nesting bird to model variability in scale of effect in heterogenous landscapes. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

Green, B., **E. P. Tanner**, C. Hilton, and M. J. Cherry. 2023. The cost of a bun in the oven: using new technology to uncover the role of pregnancy and environmental temperature on heterothermy in white-tailed deer. 59th Annual Meeting of the Texas Chapter of the Wildlife Society. Houston, Texas.

N. De Filippo, C. Griffin, M. Barrett, K. Andersson, R. DeYoung, **E. P. Tanner**, S. Fuhlendorf, C. Davis, D. Elmore, C. Chitwood. Wild turkey population dynamics and brood survival. Oklahoma Chapter of the Wildlife Society 2023 Annual Conference, Oklahoma.

Hahn, D. P., R. C. Lonsinger, M. C. Chitwood, M. T. Turnley, M. M. Dart, L. J. Heffelfinger, **E. P. Tanner**, M. J. Cherry, R. W. DeYoung, H. G. Wang, and W. S. Fairbanks. Population Demography of Pronghorn (*Antilocapra americana*) in Western Oklahoma. 2023. The Oklahoma Chapter of the Wildlife Society, Edmond, Oklahoma.

Moberg, D. R., H. L. Perotto-Baldivieso, **E. P. Tanner**, A. M. Foley, and M. A. Lawing. 2023. Changes in landscape structure after wildfires in South Texas. Texas Chapter of the Society for Range Management, Bastrop, Texas.

Roniss, B. G., J. Maxwell, M. T. Turnley, D. P. Hahn, M. J. Cherry, M. C. Chitwood, M. M. Dart, R. W. DeYoung, W. S. Fairbanks, L. J. Heffelfinger, R. C. Lonsinger, **E. P. Tanner**, and H. G. Wang. 2022. Monitoring the Fawn

Survivorship and Parasites of Pronghorns in western Oklahoma. Oklahoma Academy of Sciences Technical Meeting, Tulsa, Oklahoma.

Massey, L. D., H. L. Perotto-Baldivieso, A. Ortega-S., **E. P. Tanner**, and J. S. Avila-Sanchez. 2022. Using UAVs to quantify forage production of a pastureland. Texas Chapter of the Society for Range Management, Denton, Texas. **(Second place oral presentation)**.

Moberg, D. R., L. Massey, H. L. Perotto-Baldivieso, **E. P. Tanner**, L. A. Brennan, and J. G. Franco-Pizana. 2022. Quantifying population trends and habitat for the chestnut-bellied scaled quail in South Texas Rangelands. Texas Chapter of the Society for Range Management, Denton, Texas. **(Third place oral presentation)**.

Tanguma, K. M., H. L. Perotto-Baldivieso, A. D. Falk, L. Massey, J. S. Avila, J. A. Ortega-S, **E. P. Tanner**, M. Consuelo-Donato, and S. Nelson. 2022. Water, nutrients, and palatability in rangeland species: what can we learn from drones? Texas Chapter of the Society for Range Management, Denton, Texas.

Pennartz, K. J., **E. P. Tanner**, J. M. Carroll, R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2022. From eradication to conservation: identifying areas for restoration and management of shinnery oak in changing climate. Texas Chapter of the Society for Range Management, Denton, Texas. **(First place oral presentation)**.

Rhodes, E. C., H. L. Perotto-Baldivieso, **E. P. Tanner**, J. P. Angerer, and W. E. Fox. 2022. When the well runs dry: the future importance of range management in the Texas High Plains. Texas Chapter of the Society for Range Management, Denton, Texas. **(Third place poster presentation)**.

O'Brien, M. E., **E. P. Tanner**, D. B. Wester, A. D. Falk, and S. Rideout-Hanzak. 2022. Native grassland restoration in the Edwards Plateau ecoregion of Texas. Texas Chapter of the Society for Range Management, Denton, Texas. **(Second place poster presentation)**.

Pennartz, K. J., **E. P. Tanner**, A. Falk, M. K. Clayton, and H. L. Perotto-Baldivieso. 2022. Niche divergence of a drought deciduous shrub and its implications on range expansion under changing climate scenarios. 58th Annual Meeting of the Texas Chapter of the Wildlife Society. Marble Falls, Texas. Poster presentation **(3rd place award)**.

Moberg, D. R., L. Massey, H. L. Perotto-Baldivieso, **E. P. Tanner**, L. A. Brennan, and J. G. Franco-Pizana. 2022. Quantifying population trends and habitat for the chestnut-bellied scaled quail in South Texas. 58th Annual Meeting of the Texas Chapter of the Wildlife Society. Marble Falls, Texas. Poster presentation.

Jacobson, S., L. Brennan, H. Perotto-Baldivieso, **E. P. Tanner**, and K. Miller. 2022. Broad-scale population trend for the California quail in California: inferences from a cycling population. 58th Annual Meeting of the Texas Chapter of the Wildlife Society. Marble Falls, Texas. Poster presentation.

Kalisek, M. A., A. M. Tanner, **E. P. Tanner**, C. D. Hilton, C. Hoskinson, R. L. Sramek, K. Garwood, and M. J. Bodenchuk. 2022. Assessment of environmental contaminants in obligate avian scavengers. 58th Annual Meeting of the Texas Chapter of the Wildlife Society. Marble Falls, Texas. Poster presentation.

Montemayor, A. L., A. M. Camacho, H. L. Perotto-Baldivieso, **E. P. Tanner**, S. D. Nelson, and D. Daniels. 2022. Quantifying increasing temperatures from 2021-2060 using global climate models: potential implications for woody cover encroachment. 58th Annual Meeting of the Texas Chapter of the Wildlife Society. Marble Falls, Texas. Poster presentation.

Dykes, J. L., A. K. Killam, B. R. Green, C. D. Hilton, **E. P. Tanner**, M. J. Cherry, and R. W. DeYoung. 2022. Quality or quantity? Ambient temperature influences selection for shade quality in a large herbivore. 58th Annual Meeting of the Texas Chapter of the Wildlife Society. Marble Falls, Texas. Oral presentation.

Montemayor, A. L., A. M. Camacho, **E. P. Tanner**, D. Daniels, S. D. Nelson, and H. L. Perotto-Baldivieso. 2021. Modeling increasing temperatures from 2021-2060 using global climate models: potential implications for woody cover encroachment. Annual Meeting of the Texas Chapter of the Society for Range Management, Victoria, Texas.

Lozano, T. H., A. M. Tanner, **E. P. Tanner**, K. A. Wells, and S. J. Corbett. 2021. Turkey vulture and black vulture roosting habits in Kingsville, TX. 57th Annual Meeting of the Texas Chapter of The Wildlife Society. Virtual Conference.

Ramirez, M. A., M. T. Page, R. C. Combs, B. K. Johnston, A. M. Camacho, A. DiMaggio, **E. P. Tanner**, J. A. Ortega-S, D. Daniels, T. Kimmet, J. Angerer, and H. L. Perotto-Baldivieso. 2021. Pasture biomass estimation using UAV lowest point analysis. 57th Annual Meeting of the Texas Chapter of The Wildlife Society. Virtual Conference.

Gless IV, W. A., A. M. Camacho, M. T. Page, M. A. Ramirez, J. A. Ortega-S, H. L. Perotto-Baldivieso, **E. P. Tanner**, F. S. Smith, A. D. Falk, D. Daniels, T. Kimmet, and S. D. Nelson. 2021. Identifying spectral signatures for bunch grasses using UAV mounted multispectral sensors. 57th Annual Meeting of the Texas Chapter of The Wildlife Society. Virtual Conference.

Camacho, A. M., W. Gless, T. Yamashita, J. Exum, A. Foley, R. DeYoung, **E. P. Tanner**, S. Nelson, and H. L. Perotto-Baldivieso. 2021. Using UAVs for wildlife aerial surveys. What is the big picture? 57th Annual Meeting of the Texas Chapter of The Wildlife Society. Virtual Conference.

Page, M. T., R. C. Combs, B. K. Johnston, M. Ramirez, A. M. Camacho, A. M. DiMaggio, J. A. Ortega-S, D. Daniels, T. Kimmet, **E. P. Tanner**, J. P. Angerer, and H. L. Perotto-Baldivieso. 2021. An operational approach to forage mass estimation using drones. 57th Annual Meeting of the Texas Chapter of The Wildlife Society. Virtual Conference.

E. P. Tanner, J. A. Polo, S. Wolf, S. D. Fuhlendorf, and S. K. Brewer. 2021. Quantifying Spatio-Temporal Variability in Thermal Landscapes Through a Fiber-Optic Distributed Temperature Sensing System: Implications for Thermal Ecology Research. 57th Annual Meeting of the Texas Chapter of The Wildlife Society. Virtual Conference.

E. P. Tanner, J. A. Polo, S. Wolf, S. D. Fuhlendorf, and S. K. Brewer. 2019. Quantifying Spatio-Temporal Variability in Thermal Landscapes Through a Fiber-Optic Distributed Temperature Sensing System: Implications for Thermal Ecology Research. 52nd Joint Annual Meeting of the Arizona/New Mexico Chapters of The Wildlife Society and the Arizona/New Mexico Chapters of The American Fisheries Society, Albuquerque, New Mexico.

Wolf, S. **E. Tanner**, R. Mollenhauer, S. Fuhlendorf, and S. Brewer. 2018. Determining the temperature selection patterns of native stream fishes in an Ozark stream. Oklahoma Natural Resource Conference, Tulsa, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2017. Wintering bird response to the presence of artificial surface water. Oklahoma Natural Resource Conference, Tulsa, Oklahoma.

Tanner, E. P., R. D. Elmore, S. D. Fuhlendorf, and C. A. Davis. 2016. Ecological pinch points affect usable space and survival of a ground-nesting bird. Oklahoma Natural Resource Conference, Oklahoma City, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2015. Predicting shifts in northern bobwhite and scaled quail distribution from climate change. Joint Meeting of the Oklahoma Chapter of the American Fisheries Society and the Oklahoma Wildlife Society, Tulsa, Oklahoma.

Orange, J. P., C. A. Davis, S. D. Fuhlendorf, R. D. Elmore, and **E. P. Tanner**. 2015. Survival, movement, and habitat use of northern bobwhite and scaled quail chicks at the periphery of their distributional ranges. 2015. Joint Meeting of the Oklahoma Chapter of the American Fisheries Society and the Oklahoma Wildlife Society, Tulsa, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2014. Comparative ecology of northern bobwhite and scaled quail within distribution extremes. Joint Meeting of the Oklahoma Wildlife Society and Oklahoma Society for Range Management. Arcadia, Oklahoma.

Orange, J. P., R. A. Van Den Bussche, M. E. Trope, C. A. Davis, S. D. Fuhlendorf, R. D. Elmore, M. J. Carroll, and **E. P. Tanner**. 2014. Extra-pair paternity, intra-specific nest parasitism, and brood amalgamation in northern bobwhite. Joint Meeting of the Oklahoma Wildlife Society and Oklahoma Society for Range Management. Arcadia, Oklahoma.

Tanner, E. P., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, and E. T. Thacker. 2012. Breeding season ecology of northern bobwhite and scaled quail in the sand sagebrush community. Oklahoma Wildlife Society Meeting, Tall Grass Prairie Preserve, Oklahoma.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2011. Influence of vegetation types on northern bobwhite survival on reclaimed mined lands. Tennessee Wildlife Society Meeting. Townsend, Tennessee.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2011. Northern bobwhite habitat selection on a reclaimed surface coal mine in Kentucky. Tennessee Wildlife Society Meeting. Townsend, Tennessee.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2011. Influence of vegetation types on northern bobwhite survival on reclaimed mined lands. Kentucky Wildlife Society Meeting. Cumberland Falls State Resort Park, Kentucky.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2011. Northern bobwhite habitat selection on a reclaimed surface coal mine in Kentucky. Kentucky Wildlife Society Meeting. Cumberland Falls State Resort Park, Kentucky.

Regional

Travis, K. A., C. M. McKinney, **E. P. Tanner**, A. M. Tanner, F. Hernandez, H. L. Perotto-Baldivieso, L. A. Brennan, D. G. Hewitt, D. B. Wester, R. Luna, and J. McLaughlin. 2023. Navigating the fragmented thornscrub: Using fine-scale movement data to assess functional responses to disturbance in a declining galliform. Southeastern Association of Fish and Wildlife Agencies Annual Meeting. Corpus Christi, Texas.

Green, B.R., **E.P. Tanner**, C.D. Hilton, and M.J. Cherry. 2023. Thermoregulatory behavior limited by reproductive status in white-tailed deer. Southeastern Association of Fish and Wildlife Agencies Annual Meeting. Corpus Christi, Texas.

Green, B.R., **E.P. Tanner**, R.B. Chandler, H.N. Abernathy, L.M. Conner, E.P. Garrison, D.B. Shindle, K.V. Miller, and M.J. Cherry. February 2023. Predation risk tolerance and habitat selection of white-tailed deer influenced by temperature. Southeast Deer Study Group Annual Meeting. Baton Rouge, Louisiana.

Green, B. R., **E. P. Tanner**, C. D. Hilton, and M. J. Cherry. 2023. Uncovering the role of reproduction and environmental temperature on heterothermy in white-tailed deer utilizing VITs. Southeast Deer Study Group Annual Meeting. Baton Rouge, Louisiana.

Brennan, L. A., A. M. Tanner, and **E. P. Tanner**. 2022. Adaptive management and quail conservation on rangelands in the American West. National Quail Symposium Proceedings 9.

Weber, D. A., **E. P. Tanner**, T. M. Terhune II, J. M. Varner, and J. A. Martin. 2022. Northern bobwhite and fire: a review and synthesis. National Quail Symposium Proceedings 9:

Hahn, D.P., R.C. Lonsinger, M.C. Chitwood, M.T. Turnley, M.M. Dart, L.J. Heffelfinger, **E.P. Tanner**, M.J. Cherry, R.W. DeYoung, H.G. Wang, W.S. Fairbanks. 2022. Population Demography and Survival of Pronghorn (*Antilocapra americana*) in Western Oklahoma. Central Plains Society of Mammalogists Annual Meeting. Cedar creek, Missouri. Poster presentation.

Wolf, S., **E. P. Tanner**, S. D. Fuhlendorf, R. Mollenhauer, and S. Brewer. 2019. Practical tool or shiny penny? Using fiber-optic distributed temperature sensing to improve evaluations of temperature selection by stream fishes. Southern Division Meeting of the American Fisheries Society, Galveston Island, Texas.

Tanner, E. P., R. D. Elmore, C. A. Davis, and S. D. Fuhlendorf. 2014. Impacts of artificial surface water sources on northern bobwhite and scaled quail populations. 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, Florida.

Orange, J. P., C. A. Davis, R. A. Van Den Bussche, S. D. Fuhlendorf, R. D. Elmore, M. J. Carroll, and **E. P. Tanner**. 2014. Parasitism, paternity, and brood mixing in two sympatric quail species. 68th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Destin, Florida.

Tanner, E. P., R. D. Elmore, C. A. Davis, S. D. Fuhlendorf, and E. T. Thacker. 2013. Comparative ecology of northern bobwhite and scaled quail in a sand sagebrush community. 67th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Oklahoma City, Oklahoma.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2013. Evaluation of multi-scale factors affecting northern bobwhite nesting ecology on reclaimed mined lands in Kentucky. 67th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Oklahoma City, Oklahoma.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, F. T. Van Manen, and J. J. Morgan. 2013. Northern bobwhite seasonal habitat selection on a reclaimed surface coal mine in Kentucky. 67th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. Oklahoma City, Oklahoma.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, and J. J. Morgan. 2010. Influence of native warm-season grasses on northern bobwhite survival on reclaimed mined land. 7th Eastern Native Grass Symposium. Knoxville, Tennessee.

Unger, A. M., **E. P. Tanner**, C. A. Harper, P. D. Keyser, and J. J. Morgan. 2010. Habitat selection of northern bobwhites on a reclaimed surface coal mine in Kentucky. 7th Eastern Native Grass Symposium. Knoxville, Tennessee.

Local

Unger, A. M., **E. P. Tanner**, C. A. Harper, and P. D. Keyser. 2011. Northern bobwhite population ecology on reclaimed mined land. National Bobwhite Technical Committee Meeting. Tallahassee, Florida.

Tanner, E. P., A. M. Unger, P. D. Keyser, C. A. Harper, J. J. Morgan, and E. M. Williams. 2010. Northern bobwhite population ecology on reclaimed mined land. National Bobwhite Technical Committee Meeting. Tallahassee, Florida.

Nonrefereed

Local

Chitwood, M. C., N. De Filippo, C. Griffin, M. Barrett, K. Andersson, R. DeYoung, **E. P. Tanner**, S. D. Fuhlendorf, C. A. Davis, and R. D. Elmore. 2023. Wild turkey research update: Oklahoma population dynamics and brood survival. 49th Annual Southeast Wild Turkey Working Group Meeting (Southeastern Association of Fish and Wildlife Agencies), Choctaw Casino and Resort, Durant, Oklahoma.

Chitwood, M. C., N. De Filippo, C. Griffin, M. Barrett, C. Bedoian, K. Andersson, **E. P. Tanner**, R. DeYoung, C. A. Davis, S. Fuhlendorf, and R. D. Elmore. 2023. Status update on Oklahoma wild turkey research. Presentation to the Oklahoma Wildlife Conservation Commission and ODWC employees, Bartlesville, Oklahoma.

Chitwood, M. C., N. De Filippo, C. Griffin, M. Barrett, C. Bedoian, K. Andersson, **E. P. Tanner**, R. DeYoung, C. A. Davis, S. Fuhlendorf, and R. D. Elmore. 2023. Wild turkey population dynamics and brood survival. Presentation to the Senate Tourism and Wildlife Committee, Interim Study on wild turkey population decline, Oklahoma Legislature, Oklahoma City, Oklahoma.

Tanner, E. P. 2023. Integrating thermal ecology into a range management paradigm to address future uncertainty. Invited Seminar: Department of Biological Sciences, Murray State University.

McKinney, C. M., K. A. Travis, A. M. Tanner, **E. P. Tanner**, L. A. Brennan, M. J. Sheriff, F. Hernandez, H. L. Perotto-Baldivieso, L. A. Brennan, D. G. Hewitt, D. B. Wester, R. Luna, and J. McLaughlin. 2023 The impacts of changing habitat and weather conditions on scaled quail. Texas Wildlife Association WildLife Conference, San Antonio, Texas, USA.

Tanner, E. P. 2022. Determining variation in quail stress hormones in response to environmental conditions: a population-level assessment. South Texas Quail Coalition Meeting, Kingsville, Texas.

Dart, M. M., **E. P. Tanner**, L. J. Heffelfinger, M. C. Chitwood, R. W. DeYoung, D. Hahn, W. S. Fairbanks, R. C. Lonsinger, M. T. Turnley, H. G. Wang, and M. J. Cherry. 2022. Movement and demography of pronghorn in western Oklahoma. Texas Parks and Wildlife Department Mule Deer and Pronghorn Technical Committee Meeting. Alpine, Texas.

Hahn, D. P., R. C. Lonsinger, M. C. Chitwood, M. T. Turnley, M. M. Dart, L. J. Heffelfinger, **E. P. Tanner**, M. J. Cherry, R. W. DeYoung, H. G. Wang, and W. S. Fairbanks. 2022. Population demography and survival of pronghorn (*Antilocapra americana*) in western Oklahoma. Oklahoma Cooperative Fish and Wildlife Research Unit Annual Cooperators Meeting, Stillwater, Oklahoma.

N. De Filippo, C. Griffin, M. Barrett, K. Andersson, R. D. Elmore, C. A. Davis, S. Fuhlendorf, **E. P. Tanner**, R. DeYoung, and M. C. Chitwood. 2022. Wild turkey population dynamics and brood survival. Oklahoma Cooperative Fish and Wildlife Research Unit Annual Cooperators Meeting, Stillwater, Oklahoma.

N. De Filippo, C. Griffin, M. Barrett, K. Andersson, R. D. Elmore, C. A. Davis, S. Fuhlendorf, **E. P. Tanner**, R. DeYoung, and M. C. Chitwood. 2022. Oklahoma turkey project update. Oklahoma Department of Wildlife Conservation Update Meeting, Oklahoma City, Oklahoma.

Chitwood, M. C., R. D. Elmore, C. A. Davis, S. Fuhlendorf, N. De Filippo, **E. P. Tanner**, R. DeYoung, and M. Barrett. 2022. Wild turkey research update. USFS Annual Cooperative Meeting, Ouachita National Forest, virtual.

Tanner, A. M., K.A. Travis, C. McKinney, **E. P. Tanner**, F. Hernández, H. Perotto-Balvidieso, L.A. Brennan, D.G. Hewitt, D.B. Wester, R. Luna, and J. McLaughlin. 2022. Assessing Ecological Connectivity on Chestnut-Bellied Scaled Quail Populations. CKWRI Houston Partner's Meeting, Houston, Texas.

Tanner, E. P., K.A. Travis, C. McKinney, A. M. Tanner, F. Hernández, H. Perotto-Balvidieso, L.A. Brennan, D.G. Hewitt, D.B. Wester, R. Luna, and J. McLaughlin. 2022. Assessing Ecological Connectivity on Chestnut-Bellied Scaled Quail Populations. CKWRI San Antonio Partner's Meeting, San Antonio, Texas.

Travis, K.A., **E.P. Tanner**, A.M. Unger, F. Hernández, H. Perotto-Balvidieso, L.A. Brennan, D.G. Hewitt, D.B. Wester, R. Luna, and J. McLaughlin. 2022. Understanding Scaled Quail Movement with Independent Step Selection Functions. Sam Houston State University Class Tour at Texas A&M University-Kingsville. Kingsville, Texas.

Green, B. R., **E. P. Tanner**, C. D. Hilton, and M. J. Cherry. 2022. Thermal ecology of white-tailed deer. CKWRI Houston Partner's Meeting, Houston, Texas.

Coronado, A., A. M. Tanner, **E. P. Tanner**, and S. Rideout-Haznak. 2021. Urban Ecology – Texas Tortoise Project. Rio Grande Valley Chapter Texas Master Naturalist Meeting – December 2021. Harlingen, Texas.

Perotto-Baldivieso, H. L., L. A. Brennan, **E. P. Tanner**, and J. Franco. 2021. Quantifying habitat for scaled quail in South Texas. Rio Grande Joint Venture Research Meeting. Virtual.

Cherry, M. J., M. C. Chitwood, R. W. DeYoung, W. S. Fairbanks, L. J. Heffelfinger, R. C. Lonsinger, **E. P. Tanner**, and H. G. Wange. 2021. Movement and population demography of pronghorn in Oklahoma. Texas Parks and Wildlife Department Mule Deer and Pronghorn Technical Committee Meeting. Lubbock, Texas.

Tanner, E. P. 2021. Implications of the thermal environment for terrestrial wildlife. TAMUK EVEN Departmental Seminar Series. Kingsville, Texas.

Tanner, E. P. 2021. Implications of the thermal environment for deer management. 2021 Deer Research Meeting. Virtual Conference.

Pennartz, K. J., **E. P. Tanner**, M. K. Clayton, A. D. Falk, and H. L. Perotto-Baldivieso. 2021. Whitebrush ecology and control options for management practices. CKWRI Partners Meeting, San Antonio, Texas.

Travis, K. A., **E. P. Tanner**, A. M. Tanner, F. Hernández, H. L. Perotto-Baldivieso, L. A. Brennan, D. G. Hewitt, D. B. Wester, R. Luna, and J. McLaughlin. 2021. A multi-scale assessment of habitat connectivity on chestnut-bellied scaled quail populations. CKWRI Partners Meeting, San Antonio, Texas.

Graduate Mentee Individual Presentations

O'Brien, M. 2021. Native grassland restoration in central Texas. 3 Minute Thesis, Texas Chapter of the Society for Range Management, (**2nd place student presentation prize**).

Pennartz, K. J. 2021. Ecology and Management of whitebrush (*Aloysia gratissima*). 3 Minute Thesis, Texas Chapter of the Society for Range Management.

Research and Scholarly Activities

Funded Grants

Cherry, M. J., **E. P. Tanner**, L. Heffelfinger. 2024. Impact of climate change on desert mammal and herptile communities in 5 National Park Service units. National Park Service. \$543,974.

Tanner, E. P., F. Hernandez, A. M. Tanner, H. L. Perotto-Baldivieso, L. A. Brennan, D. G. Hewitt, D. B. Wester, and R. Luna. 2023. Amendment to A multi-scale assessment of habitat connectivity on chestnut-bellied scaled quail populations. Texas Parks and Wildlife Department. \$350,000.

Johnston, J., A.M. Tanner, and **E.P. Tanner**. 2023. Using novel light sensor technology to determine vegetation complexity in wildlife GPS transmitter data; Proposal to support undergraduate research and attendance of a conference. Greater Texas Foundation Undergraduate Research and Travel Fund. \$3,000.

Tanner, E. P. 2023. Determining variation in quail stress hormones in response to environmental conditions: a population-level assessment. South Texas Quail Coalition. \$15,000.

Grisham, B., A. Gregory, D. Edwards, S. Webb, **E. P. Tanner**, J. Fritzler, A. M. Tanner, A. Little, S. Sonsthagen, M. Vrtiska, R. DeYoung, A. Martin, C. A. Davis, S. D. Fuhlendorf, D. Haukos, J. Brady, D. Sullins, H. Mathewson, T. Schwertner, A. Farrell, and J. Hardin. 2023. A distribution-level assessment of Rio Grande wild turkeys. National Wild Turkey Federation. \$100,522 (\$13,500 subaward).

Dale, J., A. Fierro-Cabo, B. Christoffersen, C. David, J. Gonzalez, B. Morris, S. Najera, A. Rempel, **E. P. Tanner**, J. Twichell, and A. M. Tanner. 2023. Thornscrub forest restoration in the Rio Grande Valley. United States Fish and Wildlife Service. \$10,000,000 (\$325,422.60 subaward).

Hediger, J. A., M. J. Cherry, M. J. Sheriff, C. D. Hilton, and **E. P. Tanner**. 2023. Determination of fecal triiodothyronine and cortisol as physiological proxies of animal welfare. Wild Animal Initiative. \$31,900.

Tanner, E. P. 2022. Determining variation in quail stress hormones in response to environmental conditions: a population-level assessment. South Texas Quail Coalition. \$15,000.

Kalisek, M.A., A.M. Tanner, and **E.P. Tanner**. 2022. Assessment of Environmental Contaminants in Obligate Avian Scavengers; Proposal to support attendance of The Wildlife Society 29th National Conference. Greater Texas Foundation Undergraduate Research and Travel Fund. \$1,900.

Perotto-Baldivieso, H. L., and **E. P. Tanner**. 2022. Dryland and irrigated crop management under limited water availability and drought. United States Department of Agriculture. \$17,312.

Fairbanks, S., C. Chitwood, R. Lonsinger, G. Wang, M. Cherry, **E. P. Tanner**, and R. DeYoung. 2022. Movements and population demography of pronghorn in western Oklahoma. Oklahoma Department of Wildlife Conservation. \$1,731,376 (\$360,878 sub-award).

Elmore, R. D., C. Chitwood, C. A. Davis, S. D. Fuhlendorf, R. DeYoung, and **E. P. Tanner**. 2022. Wild turkey population dynamics and brood survival. Oklahoma Department of Wildlife Conservation. \$1,801,010 (\$300,532 sub-award).

Tanner, E. P., F. Hernández, A. M. Tanner, H. L. Perotto-Baldivieso, L. A. Brennan, D. G. Hewitt, D. B. Wester, and R. S. Luna. 2021. A multi-scale assessment of habitat connectivity on chestnut-bellied scaled quail populations. Texas Parks and Wildlife Department. \$572,178.

Perotto-Baldivieso, H. L., and **E. P. Tanner**. 2021. Developing the spatial database for analyzing land use dynamics in the Ogallala Aquifer between 1950 and 1980. United States Department of Agriculture. \$25,190.

Tanner, E. P., D. Hewitt, F. Smith. 2021. Restoring native rangelands in the Edwards Plateau. Texas Ecolab. \$40,000.

Perotto-Baldivieos, H. L., M. C. Donato-Molina, N. L. Bell, and **E. P. Tanner**. 2021. The Drone WAVE FACTOR: Drone use for Women Advancement, Visibility, and Experiences in Food and Agriculture Cyberinformatics and Tools Oriented to Research. United States Department of Agriculture. \$399,946.

Tanner, E. P., D. Hewitt, F. Smith. 2020. Restoring native rangelands in the Edwards Plateau. Texas Ecolab. \$40,000.

Perotto-Baldivieos, H., L. A. Brennan, and **E. P. Tanner**. 2020. Quantifying habitat for scaled quail in South Texas. American Bird Conservancy. \$7,000.

Hernández, F., **E. P. Tanner**, A. M. Tanner, D. Hewitt. 2020. Keeping a pulse on Texas quails: a state-wide collaborative effort to address the quail decline in Texas. Texas Parks and Wildlife Department. \$67,896.

Rideout-Hanzak, S., D. B. Wester, S. E. Henke, H. L. Perotto-Baldivieos, **E. P. Tanner**, I-K. Hung, and C. Eversole. 2020-2023. Assessment of South Texas loma habitat for Texas tortoise. Texas Parks and Wildlife Department. \$297,638.

Tanner, E. P., and S. D. Fuhlendorf. 2019. Determining the efficacy of targeted conservation practices on lesser prairie-chicken habitat potential. Western Associate of Fish and Wildlife Agencies. \$21,708.

Fuhlendorf, S. D., R. D. Elmore, C. A. Davis, **E. P. Tanner**. 2018-2019. Influence of human policies on lesser prairie-chicken ecology in a fragmented landscape. Natural Resource Conservation Service. \$79,000.

Brewer, S. K., T. A. Worthington, S. D. Fuhlendorf, and **E. P. Tanner**. 2017-2019. Assessing the distribution and habitat needs of Least Darter and sympatric species of the Ozark Arbuckle Mountain ecoregions. Funding Agency: Oklahoma Department of Wildlife Conservation. \$90,000.

Brewer, S. K., B. Mollenhauer, S. D. Fuhlendorf, and **E. P. Tanner**. 2017-2019. Assessing the effects of rainbow trout stocked in Oklahoma on native fishes in Spavinaw Creek, Oklahoma and Arkansas. Oklahoma Department of Wildlife Conservation and Arkansas Game and Fish Commission. \$100,000.

Proposals Submitted and Currently Under Review

None.

Proposals Submitted but not Funded

Cascante, D. M., B. P. Wilcox, S. D. Fuhlendorf, X. Wu, D. Crider, S. Griffin, M. D. O'Toole, J. Waconda, B. Blazer, M. L. Treadwell, L. Goodman, D. Twidwell, A. M. Tanner, **E. P. Tanner**. Partnership to integrate indigenous and western knowledge on fire science through the Great Plains. National Science Foundation. \$200,000.

Rideout-Hanzak, S., B. Ballard, J. D. Cortez, C. Eversole, S. Henke, D. Hewitt, C. Hilton, A. Martin, A. M. Tanner, and **E. P. Tanner**. Impacts of border barrier system construction on threatened and sensitive species in the Lower Rio Grande Valley. United States Fish and Wildlife Service. \$1,490,349.

Prope, D., **E. P. Tanner**, A. M. Tanner, and H. L. Perotto-Baldivieso. Linking abiotic and biotic diversity to map resilience and guide management across a network of urban greenspaces. National Science Foundation. Requested amount: \$961,514 (\$797,601 sub-award).

Hewitt, D., B. Ballard, **E. P. Tanner**, A. M. Tanner, D. A. Wester, C. D. Hilton, A. Falk, S. Henke, M. Tewes, D. Socnamillo, F. Hernandez, and H. Perotto-Baldivieso. 2022. Impacts of the US Customs and border wall on wildlife, wildlife habitats, and endangered species recovery. US Department of Interior. \$19,610,935.52.

Unger, A.M., **E.P. Tanner**, J.A. Martin. 2021. Climate, Cattle, and the Conservation Reserve Program in the Central Great Plains. United States Department of Agriculture. \$450,000. *Pre-proposal, not invited to submit a full proposal.*

Martin, J., J. Yeiser, J. Thieme, A. Unger, **E. P. Tanner**, C. Rhoden, T. Bogenschutz, B. Emmerich. J. Morgan. R. Perez. 2021. Grassland Bird and Monarch Butterfly Response to Perennial Vegetative Cover in the Context of Focused Private Land Stewardship. United States Department of Agriculture. \$500,000. *Pre-proposal, not invited to submit a full proposal.*

Ren, J., H. Li, K. Jones, J-W. Choi, H. L. Perotto-Baldivieso, A. Rajib, **E. P. Tanner**, and A. Hessami. 2021. Breaching vulnerability in the Texas barrier islands: a management tool for coastal resiliency. The Texas General Land Office. \$1,271,006.

Markewitz, D., J. A. Martin, R. Abney, A. Bhandari, D. Davis, P. Dwivedi, S. D. Fuhlendorf, M. Gebremedhin, S. Hall, J. Hepinstall-Cymeran, D. Janke, M. Levi, T. Oschner, A. Peduzzi, **E. P. Tanner**, A. Tucker, and A. M. Tanner. 2021. Assessing and improving contributions of Conservation Reserve Program to climate change mitigation and environmental benefits. United States Department of Agriculture. \$6,563,350.

Tanner, A. M., **E. P. Tanner**, J. Baumgardt, S. Kahl, and S. D. Fuhlendorf. 2021. Assessing the utility of camera-trap arrays to detect and study the habitats of spot-tailed earless lizards and the co-occurring community. Texas Comptroller of Public Accounts. \$349,047.

Tanner, E. P., M. Sergeyev, E. Jensen, M. E. Tewes, and C. D. Hilton. 2020. Estimating thermoneutrality in the endangered ocelot (*Leopardus pardalis*). The Chicago Zoological Society. \$4,904.

Tanner, E. P., A. M. Tanner, A. Dayer, E. H. Smith, W. Harrell. 2020. Assessing, mapping and addressing social risks and opportunities for whooping crane range expansion along the Coastal Bend of Texas. The Rotary Club of Corpus Christi Harvey Weil Sportsman Conservationist Award. \$100,000.

Tanner, E. P., A. M. Tanner, F. Hernández, D. G. Hewitt, D. B. Wester, R. S. Luna, and D. Rollins. 2020. A multi-scale assessment of habitat connectivity on scaled quail populations. Texas Parks and Wildlife Department. \$652,537 (funding opportunity pulled due to COVID-19).

Tanner, E. P., S. Rideout-Hanzak, S. E. Henke, D. B. Wester, H. L. Perotto-Baldivieso, A. M. Tanner, and C. D. Hilton. 2020. Direct and indirect effects of prescribed fire on herpetofaunal communities. Texas Parks and Wildlife Department. \$412,307 (not funded).

Hernández, F., **E. P. Tanner**, A. M. Tanner, D. G. Hewitt, and D. B. Wester. 2020. Keeping a pulse on Texas quails: a state-wide, collaborative effort to address the quail decline in Texas. Texas Parks and Wildlife Department. \$214,328 (funding opportunity pulled due to COVID-19).

Professional Growth and Activities

Membership in Professional Societies

Society of American Foresters - Member (2007-2009)

The Wildlife Society - Member (2009-present)

Payne County Audubon Society – Board member (2012-2017)

Oklahoma Ornithological Society - Member (2016-2019)

Society for Range Management - Member (2016-present)

South Central Climate Adaptation Center – Research Affiliate (2020-present)

Southwest Section of The Wildlife Society (2020-present)

Texas Chapter of The Wildlife Society (2020-present)

Leadership/Service Roles in Professional Societies

Society for Range Management Diversity and Inclusion Committee Member (2020-present; Chair Elect)

Texas Chapter of The Wildlife Society Diversity and Inclusion Committee Member (2023-present)

The Wildlife Society Rangeland Wildlife Working Group Member (2021-present)

2023 Poster Judge for Texas Chapter of the Wildlife Society Annual Meeting – Houston, Texas.

2022 Texas Chapter of the Society for Range Management Awards Committee member.

2022 Poster Judge for Texas Chapter of the Wildlife Society Annual Meeting – Marble Falls, Texas.

2021 Poster Judge for Texas Chapter of the Wildlife Society Annual Meeting – Virtual Conference.

2020 Poster Judge for Texas Chapter of the Wildlife Society Annual Meeting – Corpus Christi, Texas.

2020 Texas Chapter of the Wildlife Society Awards Committee member.

- Reviewed and selected professional awards for the Texas Chapter of The Wildlife Society

Payne County Audubon Society Board of Directors (August 2012 – December 2017).

- Served to guide operations of the Payne County Audubon Society.

2016 Oklahoma Natural Resource Conference Awards Committee member.

- Reviewed and selected professional awards for the Oklahoma Chapter of The Wildlife Society.

Graduate Student Chair –Coordinator for 2012 Southeastern Wildlife Conclave.

- Coordinated efforts for organization of field trips associated with the Southeastern Wildlife Conclave.

Professional Trainings

- AVID for Higher Education – Student Motivation Part 1 – January 2021

Service Activities Outside the University

2021- San Antonio Bay Partnership 2021 Bay Cleanup.

2020 – Coastal Bend Food Bank volunteer.

Honors and Awards

Dick and Mary Lewis Kleberg College of Agriculture and Natural Resources Junior Faculty Research Award.
2023.

Publication and Creativity Award for Peer-Reviewed Article: *Extreme climatic events constrain space use and survival of a ground-nesting bird. Global Change Biology. 2017.* The Oklahoma Chapter of the Wildlife Society.

Student Research Award (2nd place). 2016. The Oklahoma Chapter of the Wildlife Society.

Student Research Award (1st place). 2014. The Oklahoma Chapter of the Wildlife Society and Oklahoma Section of Society for Range Management.

Associate Wildlife Biologist (2018-2019)

Certified Wildlife Biologist (2020-present)

Other Professional Activities Not Covered Above

CURRENT GRADUATE STUDENT RESEARCH PROJECTS

Molly O'Brien, M. S. Candidate. Department of Range and Wildlife Sciences. Research Proposal: Restoring native rangelands in the Edwards Plateau.

Breanna Green, M. S. Candidate. Department of Range and Wildlife Sciences. Research Proposal: Thermal ecology of white-tailed deer in South Texas.

Katherine Travis, M. S. Candidate. Department of Range and Wildlife Sciences. Research Proposal: Movement ecology of chestnut-bellied scaled quail in South Texas.

Ed Rhodes, Ph.D., Department of Range and Wildlife Sciences. Research Proposal: Land cover trends in the Ogallala Aquifer region.

Caleb McKinney, Ph.D., Department of Range and Wildlife Sciences. Research Proposal: Landscape connectivity for conservation of the chestnut-bellied scaled quail.

Michael Barrett, Ph.D., Department of Range and Wildlife Sciences. Research Proposal: Genetic diversity and connectivity of wild turkey in Oklahoma.

Marlin Dart, Ph.D., Department of Range and Wildlife Sciences. Research Proposal: Movement ecology of pronghorn in Oklahoma.

Laura Beck, M.S., Department of Range and Wildlife Sciences. Research Proposal: Impacts of climate change and woody encroachment on soundscapes.

Joseph McGovern, M.S., Department of Range and Wildlife Sciences. Research Proposal: Spring migration activity patterns of northern pintail in relation to climatic conditions at multiple scales.

COMPLETED GRADUATE STUDENTS

Katie Pennartz, M. S. Department of Range and Wildlife Sciences. Thesis: On the ecology and management of whitebrush (*Aloysia gratissima*) with considerations towards climate variability.

Other Student Committees

Victoria L. Locke, M. S. Candidate. Department of Range and Wildlife Sciences. Current Student.

Brooke Bowman, M. S. Candidate. Sul Ross State University. Current student.

Completed Student Committees.

Sarah Jacobson, M. S. Candidate. Department of Range and Wildlife Sciences. Graduated Spring 2023.

Lori Massey, M. S. Candidate. Department of Range and Wildlife Sciences. Graduated Summer 2023.

Aidan Branney, M. S. Candidate. Department of Range and Wildlife Sciences. Graduated Fall 2022.

Maksim Sergeyev, PhD Candidate. Department of Range and Wildlife Sciences. Graduated Fall 2022.

Annalysa Camacho, M. S. Candidate. Department of Range and Wildlife Sciences. Graduated Spring 2022.

Michael Page, M. S. Candidate. Department of Range and Wildlife Sciences. Graduated Spring 2021.

Undergraduate Research

Jeanette Velazquez, Department of Range and Wildlife Sciences. Research Project: Landscape change in the Ogolalla Aquifer Region of Texas. Current student.

Jessica Johnston, Department of Range and Wildlife Sciences. Research Project: Using novel light meter technology to assess vegetation complexity in habitat use studies. Current student.

Michael Kalisek. Department of Range and Wildlife Sciences. Research Project: Lead level analyses in black and turkey vultures in South Texas. Graduated Fall 2022.

Autumn Coronado. Department of Range and Wildlife Sciences. Research Project: Urban ecology of Texas tortoises. Graduated Fall 2021.

Tristan Lazano. Department of Range and Wildlife Sciences. Research Project: Vulture roost dynamics in Kingsville, Texas. Graduated Fall 2020.

Professional Reviewer

Journals:

Acta Oecologica

2018 (1 manuscript)

Ag, Ecosystems, and the Environment

2021 (2 manuscript)

2020 (1 manuscript)

CourseSource

2023 (1 manuscript)

Ecological Modelling

2017 (1 manuscript)

Ecological Processes

2021 (1 manuscript)

Ecology and Evolution

2021 (1 manuscript)

2019 (1 manuscript)

Ecosphere

2021 (1 manuscript)

2018 (2 manuscripts)

Journal of American Climate

2023 (1 manuscript)

Journal of Open Ecology

2023 (1 manuscript)

Journal of Thermal Biology

2023 (1 manuscript)

Journal of Wildlife Management

2020 (1 manuscript)

2018 (1 manuscript)

2017 (1 manuscript)

Landscape Ecology

2020 (1 manuscript)

Methods in Ecology and Evolution

2017 (1 manuscript)

Nature Communications

2023 (2 manuscripts)

PLoS ONE

2020 (1 manuscript)

2019 (1 manuscript)

2017 (1 manuscript)

Rangeland Ecology and Management

2018 (1 manuscript)

Science of the Total Environment

2023 (1 manuscript)

Scientific Reports

2023 (1 manuscript)

2018 (1 manuscript)

Southwestern Naturalist

2016 (1 manuscript)

The Condor

2020 (1 manuscript)

2019 (1 manuscript)

2018 (2 manuscripts)

2017 (2 manuscripts)

2016 (1 manuscript)

The Science of Nature

2020 (1 manuscript)

Wilson Journal of Ornithology

2020 (1 manuscript)

2018 (1 manuscript)

Proceedings:

Ninth National Quail Symposium Proceedings
(1 manuscript)

Eighth National Quail Symposium Proceedings

CKWRI Internal Manuscript Reviews

2023 (1 manuscript)

2022 (2 manuscripts)

2021 (4 manuscripts)

2020 (7 manuscripts)

Editor Appointments

Ninth National Quail Symposium Proceedings - Associate Editor (2021-2022)

Service

Science Advisor for Rio Grande Joint Venture. 2023-present.

TAMUK Faculty Senate Member. 2023-present.

Participated in recruitment activities during the Javelina Preview Days on 12/4/2021.

Ran a CKWRI and TAMUK recruitment table for the Kingsville Monarch Blitz Festival in October 2021.

Society for Range Management Diversity and Inclusion Committee. 2021-current. Develop tangible objectives for the Society for Range Management to promote climate, diversity and inclusion with the society. Helped coordinate and lead the SRM Forum on Diversity and Inclusion at the 2021 National Meeting.

President's Council on Climate, Diversity and Inclusion. 2020-2021. Develop tangible objectives for the Texas A&M University-Kingsville's President to meet to promote climate, diversity and inclusion on campus in recent light of social justice movements.

Committee for Centralized Data Storage and Technology for CKWRI. 2020-current. Develop a framework to collate and secure current and long-term data gathered by scientists at CKWRI.

Proposal Review Panel for South Texas Grassland Restoration Incentive Program. 2020-current. Review proposals from landowners applying for incentives through the South Texas Grassland Restoration Incentive Program.

Professional Development and Trainings

Prairie Project Education Cohort II. 2021-2023.