# Sandra Rideout-Hanzak

Certified Senior Wildland Fire Ecologist, AFE

Research Scientist, Caesar Kleberg Wildlife Research Institute
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**Current Appointment:** 25% Research, 25% Teaching, 50% Service (Editing duties for CKWRI)

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## Formal Education

**Ph.D.** 2001, Arthur Temple College of Forestry, Stephen F. Austin State University, Nacogdoches, TX
Dissertation: *Short-term ecological effects of and visitor attitudes toward prescribed burning in four East Texas state parks.*

**M.S.F.** 1997, Arthur Temple College of Forestry, Stephen F. Austin State University, Nacogdoches, TX
Thesis: *Use of focus groups to discover issues, desires, and concerns of the public for planning at the Fort Worth Nature Center and Refuge.*

**B.A.** 1987, Health & Safety Education, Latin minor, Ball State University, Muncie, IN

## Research Experience

**Research Scientist,** Texas A&M University-Kingsville Aug. 2010 to present
Caesar Kleberg Wildlife Research Institute. Research relationships of wildfire and prescribed fire with flora, fauna, fuels and soil; restoration of degraded ecosystems; endangered species; human dimensions of wildland fire. Producer and Host of A Talk on the Wild Side podcast.

**Assistant Professor,** Texas Tech University Aug. 2005 to Aug. 2010
Department of Natural Resources Management. Researched prescribed and wildfire effects on vegetation, fuels and wildlife; human dimensions of wildland fire. Co-director of TTU Fire Ecology Center.

**Research Forester (Post-doc),** USDA Forest Service Aug. 2002 to June 2005
Southern Research Station, Research Work Unit 4104 Disturbance and Management of Southern Ecosystems, Clemson, SC. Researched use of hyperspectral imaging to estimate fuel loading in the southern Appalachian Mountains; large woody fuel moistures; citizens' knowledge and attitudes concerning wildland fire; correlations between Landscape Ecosystem Classification units and fire intensity and severity on two Fire and Fire Surrogate Sites. Participated on prescribed burning team and with data collection. Adjunct asst. professor, graduate committee member, guest lecturer in Dept. of Forestry and Natural Resources at Clemson University.

**Research Forester (Post-doc),** USDA Forest Service June 2001 to Aug. 2002
Southern Research Station, Research Work Unit 4104 Disturbance and Management of Southern Pine Ecosystems, Athens, GA. Researched effects of fuels reduction on forest industry land in northern

Florida. Conducted and published statistical analysis and ecological ordinations of previously collected data. Participated on prescribed burning team and with data collection.

**Graduate Assistant,** Stephen F. Austin State University June 1999 to May 2001
Arthur Temple College of Forestry, Nacogdoches, Texas. Research Assistant responsible for all phases of research on the short-term ecological effects of prescribed burning in Texas State Parks using NPS Western Fire Monitoring protocol. Assisted elsewhere as requested.

## ***Peer-Reviewed Journal and Proceedings Articles***

Cornaby, G.J., C.M. Kiel, E.P. Tanner, S. **Rideout-Hanzak**, A.M. Tanner, D.B. Wester, A. Montalvo, and Toby J. Hibbitts. In review. Pyric-carnivory: Predation of a Texas tortoise (*Gopherus berlandieri*) by a Crested Caracara (*Caracara plancus*) following a prescribed fire. Herpetology Notes. (In review.)

Dewez, N.P., W. Xi, T. Chaudhary, D.R. Duffie, S. **Rideout-Hanzak**, and A.O. Anoruo. In review. Predicting changes in aboveground biomass in central East Texas forests under drought and climate change. *Journal of Sustainable Forestry* (In review).

Zerlin, R.R., J.C. Elissetche, R.J.W. Patrock, D.B. Wester, and S. **Rideout-Hanzak**. In review. How does prescribed burning in grasslands of coastal southern Texas, USA, impact butterfly populations? *Fire Ecology* (In review).

Henke, S.E., **Rideout-Hanzak**, S., Hernandez, F., Martin, A.M., Wester, D.B., Yu, S. 2024. Do Ethnicity and Sex Influence Students' Choice of Careers? Proceedings of Hawaii International Conference on Education. 3-6 January 2024. Waikoloa, HI. (In review.)

55) Moeller, C., S. Perales, W. Rodriguez, S.E. Henke, S. **Rideout-Hanzak**, C.B. Eversole. 2024. Playing 'Hide and Seek' with Texas tortoises: Value of a detector dog. *Frontiers in Amphibian and Reptile Science* DOI 10.3389/famrs.2024.1382591

54) Dewez, N.P., W. Xi, D.R. Duffie, M.R. Subedi, T. Chaudhary, S. **Rideout-Hanzak**, A.O. Anoruo, and T. Estabrook. 2024. Analysis of multispectral imagery and forest inventory data shows disparity in tree mortality and recovery in Texas' national forests. *Journal of Forestry* (In press).

53) Zerlin, R.R., J.C. Elissetche, T.A. Campbell, R.J. Patrock, D.B. Wester, and S. **Rideout-Hanzak**. 2023. Extreme weather impacts on butterfly populations in southern Texas, USA. *Journal of Insect Conservation.* https://doi.org/10.1007/s10841-023-00525-4

52) Golembiewski, D.A., B.M. Slothower, E.R. Bishop, F.S. Smith, P.M. Stumberg, S. **Rideout-Hanzak**, and D.B. Wester. 2023. Fracking pond restoration in the western Rio Grande Plains, Texas: Stockpiled topsoils may not be necessary, but seeding helps. *Journal of Environmental Management* 346:118932. https://doi.org/10.1016/j.jenvman.2023.118932

51) Moeller, C., S. Perales, S.E. Henke, S. **Rideout-Hanzak**, and C.B. Eversole. 2023. *Gopherus berlandieri* (Texas Tortoise): Mortality. Natural History Notes, *Herpetological Review 54*(1):115-116.

50) Haynes, V.L., J.S. Ávila Sánchez, J. Alfonso Ortega-S., T.A. Campbell, A. Ortega-S., Jr., S. **Rideout-Hanzak**, and D.B. Wester. 2023. Patch burning improves nutritional quality of two Gulf Coast grasses—And winter burning is better than summer burning. *Fire* 6:105. https://doi.org/10.3390/fire6030105

49) Chaudhary, T., W. Xi, M. Subedi, S. **Rideout-Hanzak**, H. Su, N. Dewez, and S. Clarke. 2022. East Texas forests show strong resilience to exceptional drought. *Forestry* 96(3):326-339. DOI:10.1093/forestry/cpac050

48) Moeller, C., E.D. Rangel, S.E. Henke, S. **Rideout-Hanzak**, R. DeMaar, and C.B. Eversole. 2022. *Gopherus berlandieri* (Texas tortoise), Mortality. Natural History Notes, *Herpetological Review 53*(3):486-487.

47) Pope, T.L., S.E. Henke, D.B. Wester, S**. Rideout-Hanzak**, and C.D. Hilton. 2021. Effect of prescribed fire on the viability of *Baylisascaris procyonis* eggs. *Journal of Wildlife Diseases*

*57*(1):94-103. https://meridian.allenpress.com/jwd/article/57/1/94/446590

46) Subedi, M., W. Xi, C. Edgar, S. **Rideout-Hanzak**, M. Yan. 2021. Tree mortality and biomass loss in drought-affected forests of East Texas, USA. *Journal of Forestry Research 32*:67-80. https://doi.org/10.1007/s11676-020-01106-w

45) C.H. Walther, Ortega-S., J.A., H.L. Perotto-Baldivieso, S. **Rideout-Hanzak**, D.B. Wester. 2021. Prescribed fire and cattle grazing to manage invasive grasses for cattle and wildlife. Proceedings of the Joint XXIV International Grassland and XI International Rangeland Congress. Kenya. University of Kentucky UKnowledge. https://uknowledge.uky.edu/igc/24/4/18

44) DiMaggio, A.H. Perotto-Baldivieso, A. Ortega, K. Labrador-Rodriguez, C. Walther, M. Page, J. de la Luz Martinez, S. **Rideout-Hanzak**, B. Hedquist, D. Wester. 2020. A pilot study to estimate forage mass from unmanned aerial vehicles in a semi-arid rangeland. *Remote Sensing 12*(15): 2431. https://doi.org/10.3390/rs12152431

43) Grace, J., S. **Rideout-Hanzak**, R. Stanko, V. Acosta-Martinez, A. Ortega, D. Wester. 2019. Soil seed bank characteristics in rangelands with increasing invasion of *Heteropogon contortus* or *Eragrostis lehmanniana*. *Journal of Arid Environments* 170(2019):1004009. https://www.sciencedirect.com/science/article/pii/S0140196318318317

42) Wester, D.B., S. **Rideout-Hanzak**, C.M. Britton, B.C. May. 2019. Effects of fire on Kuenzler's hedgehog cactus (*Echinocereus fendleri* var. *kuenzleri*). *Natural Areas Journal 39*(3):339-350. https://doi.org/10.3375/043.039.0306

41) Grace, J.L., V. Acosta-Martinez, S. **Rideout-Hanzak**, R. Stanko, A. Ortega-S., D.B. Wester. 2019. Soil microbial community size and composition changes along a tanglehead (*Heteropogon contortus*) gradient in a semiarid region. *Applied Soil Ecology 138*:37-46. https://doi.org/10.1016/j.apsoil.2019.02.012

40) Wester, D.B., J.B. Hoffman, S. **Rideout-Hanzak**, D.E. Ruppert, V. Acosta-Martinez, F.S. Smith, P.M. Stumberg. 2018. Restoration of mixed soils along pipelines in the western Rio Grande Plains, Texas, USA. *Journal of Arid Environments 161:*25-34. https://doi.org/10.1016/j.jaridenv.2018.10.002

39) Subedi, M.R., W. Xi, C. Edgar, S. **Rideout-Hanzak** and B. C. Hedquist. 2018. Assessment of geostatistical methods for spatiotemporal analysis of drought patterns in East Texas, USA. *Spatial Information Research 27:*11-21. https://doi.org/10.1007/s41324-018-0216-9

38) Haynes, V.L., J.S. Ávila Sánchez, S. **Rideout-Hanzak**, D.B. Wester and J.A. Ortega-S. 2018. Effects of prescribed burning on gulf cordgrass, *Spartina spartinae*. *Ecology & Environmental Sciences 3*(2):110-115. http://eastfoundation.net/media/46897/mojes-03-00074-burning-cordgrass.pdf

37) Wester, D.B., F.C. Bryant, A.D. Tjelmeland, J.L. Grace, S.L. Mitchell, J.T. Edwards, F. Hernández, R.K. Lyons, M.K. Clayton, S. **Rideout-Hanzak**, R.V. Machen and J. Alfonso Ortega-S. 2018. Tanglehead in southern Texas: A native grass with an invasive behavior. *Rangelands* April:37-44. Awarded Best Popular Article at the Texas Section Society for Range Management meeting, Oct. 2018. https://www.sciencedirect.com/science/article/pii/S0190052818300191?via%3Dihub

36) Lovell, M.C., S. **Rideout-Hanzak**, A.D. Falk, K.A. Pawelek, D.E. Ruppert, V. Acosta-Martinez, F.S. Smith, P.M. Stumberg and D.B. Wester. 2018. Soil seed banks in stock-piled topsoils in the western Rio Grande Plains, Texas. *Ecological Restoration 36*(3):226-237. http://er.uwpress.org/content/36/3/226.refs

35) Mata, J.M., H.L. Perotto, F. Hernández, E.D. Grahmann, S. **Rideout-Hanzak**, J.T. Edwards, M.T. Page, and T.M. Shedd. 2018. Quantifying the spatial and temporal distribution of tanglehead (*Heteropogon contortus*) on South Texas rangelands. *Ecological Processes 7*(2):1-9. https://ecologicalprocesses.springeropen.com/articles/10.1186/s3717-018-0113-0

34) McCloughan, A.C., S. **Rideout-Hanzak**, D.B. Wester and W. Xi. 2017. Evaluating management techniques on survival and growth of slender rush-pea *Hoffmannseggia tenella* in southern Texas, USA. *Natural Areas Journal 37*(3):382-293.

http://www.bioone.org/doi/pdf/10.3375/043.037.0311
33) Grace, J.L., A.D. Tjelmeland, J. Reilley, S.D. Maher, F.S. Smith, S.L. Mitchell, S. **Rideout-Hanzak** and D.B. Wester. 2016. Effects of depth and duration of burial on *Heteropogon contortus* seed viability and germination in southern Texas. *Ecological Restoration 34*(1):7-10.
32) Fultz, L., J. Moore-Kucera, J. Dathe, M. Davinic, G. Perry, D.B. Wester, D. Schwilk and S. **Rideout-Hanzak**. 2016. Forest wildfire and grassland prescribed fire effects on soil biogeochemical processes and microbial communities: Two case studies in the semi-arid Southwest. *Applied Soil Ecology 99*:118-128. https://www.sciencedirect.com/science/article/pii/S0929139315301165
31) Luna, M., C.M. Britton, S. **Rideout-Hanzak,** C.J. Villalobos, R.E. Sosebee and D.B. Wester. 2014. Season and Intensity of burning on two grass species of the Chihuahuan Desert. *Rangeland Ecology and Management 67*:614-620. https://search.proquest.com/docview/1629702483?pq-origsite=gscholar
30) Wester, D.B, S. **Rideout-Hanzak**, C.M. Britton and H. Whitlaw. 2014. Plant community response to the East Amarillo Complex wildfires in the Southern High Plains, USA. *Community Ecology 15*(2):222-234. https://akademiai.com/doi/pdf/10.1556/ComEc.15.2014.2.11
29) Waldrop, T.A., L. Brudnak, S. **Rideout-Hanzak**. 2013. Fuel loading in the Southern Appalachian Mountains may be a function of site quality and decomposition rates. In: Guldin, James M., ed. 2013. Proceedings of the 15th Biennial Southern Silvicultural Research Conference. e-Gen. Tech. Rep. SRH-GTR-175. Asheville, NC: U.S. Dept. of Ag., Forest Service, Southern Research Station. 581-584.
28) McCloughan, A., S. **Rideout-Hanzak** and D.B. Wester. 2013. Slender rush-pea (*Hoffmannseggia tenella*): Conservation through management—A Case Study. South Texas—Beach to Brush Country, Native Plant Society of Texas Symposium, Corpus Christi, TX. 17-20 Oct. 2013. Oral presentation.
27) Sorensen, G., D. Wester and S. **Rideout-Hanzak**. 2012. A non-destructive method to estimate standing crop of purple threeawn and blue grama. *Rangeland Ecology and Management 65*(5):538-542. https://search.proquest.com/docview/1151083165?pq-origsite=gscholar
26) Roberts, A.J., C.W. Boal, D.B. Wester, S. **Rideout-Hanzak** and H.A. Whitlaw. 2012. Grassland bird community response to large wildfires. *The Wilson Journal of Ornithology 124*(1):24-30. https://www.jstor.org/stable/pdf/41932796.pdf
25) Seijo, F., R.W. Gray, and S. **Rideout-Hanzak**. 2011. Special Issue: 4th International Fire Congress: Fire as a Global Process. *Fire Ecology 7*(1):1-4.
24) **Rideout-Hanzak,** S., D.B. Wester, C.M. Britton, and H.A. Whitlaw. 2011. Biomass not linked to perennial grass mortality following severe wildfire in the Southern High Plains. *Rangeland Ecology and Management 64*(1):47-55.
23) Oswald, T. and **S. Rideout-Hanzak.** 2011. In Their Own Words: Wildfire Survivors Tell Their Stories. International Year of Forests: Linking Local, Regional, and Global Solutions. The Society of American Foresters 91st National Convention. Honolulu, HI. 2-6 November 2011. *Journal of Forestry 109*(8):483-484. Poster.
22) Brown, S.D., C.M. Britton and S. **Rideout-Hanzak**. 2010. Summer and winter burn effects on vegetation of Matagorda Island, Texas. *Southwestern Naturalist 55*(2):193-202. https://www.jstor.org/stable/pdf/40801007.pdf
21) **Rideout-Hanzak,** S., D. B. Wester, G. Perry and C. M. Britton. 2009. *Echinocereus viridiflorus* var. *viridiflorus* mortality in shortgrass plains of Texas: Observations following wildfire and drought. *Haseltonia* 15:102-107. http://www.bioone.org/doi/pdf/10.2985/026.015.0110
20) Stottlemyer, A.D., V. Shelburne, T.A. Waldrop, W. Bridges, S. **Rideout-Hanzak**. 2009. Fuel characterization in the Southern Appalachian Mountains: an application of Landscape Ecosystem Classification. *International Journal of Wildland Fire 18*(4):423-429. https://www.srs.fs.usda.gov/pubs/ja/ja_stottlemyer001.pdf
19) Radke, N.J., D. B. Wester, G. Perry and S. **Rideout-Hanzak**. 2008. Short-term effects of prescribed fire on lizards in mesquite-Ashe juniper vegetation in central Texas. *Applied Herpetology*

*5*(3):281-292.
18) Bowker, J.M., S.H. Lim, H.K. Cordell, G.T. Green, S. **Rideout-Hanzak** and C.Y. Johnson. 2008. Wildland fire, risk, and recovery: Results of a national survey with regional and racial perspectives. *Journal of Forestry 106*(5):268-276. https://www.srs.fs.usda.gov/pubs/ja/ja_bowker013.pdf
17) Waldrop, T.A., L. Brudnak and S. **Rideout-Hanzak**. 2007. Fuels on disturbed and undisturbed sites in the Southern Appalachian Mountains, USA. *Canadian Journal of Forest Research 37*(6):1134-1141. https://www.srs.fs.usda.gov/pubs/ja/ja_waldrop007.pdf
16) Waldrop, T.A., L. Brudnak, S. **Rideout-Hanzak.** 2007. Fuel loading across the southern Appalachian landscape. Proceedings Fourteenth Biennial Southern Silvicultural Research Conference, 26 Feb. to 1 March 2007, Athens, GA. Poster.
15) **Rideout-Hanzak**, S., T. Waldrop, and L. Brudnak. 2006. Development of a photo guide for fuels in the southern Appalachian Mountains of northeast Georgia and western South Carolina. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA, Forest Service, Southern Research Station. pp. 518-520. Oral presentation.
14) Brudnak, L.A., T.A. Waldrop, and S. **Rideout-Hanzak**. 2006. A comparison of three methods for classifying fuel loading in the Southern Appalachian Mountains. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA, Forest Service, Southern Research Station. pp. 514-517. Oral Presentation.
13) Stottlemyer, A.D., V.B. Shelburne; T.A. Waldrop, S. **Rideout-Hanzak**, and W.C. Bridges. 2006. Fuel characterization of the Chauga Ridges Region of the southern Appalachian Mountains. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA, Forest Service, Southern Research Station. pp. 510-513. Oral presentation.
12) Fowler, C. and S. **Rideout-Hanzak**. Last modified 08/24/2005. Knowledge and attitudes about fire and fuels management among southerners. In *Kennard, D. and C.T. Fowler* eds. *Encyclopedia of Southern Fire Science*. (EID): 5827 http://www.forestencyclopedia.net/Encyclopedia/Fire%20Science/
11) Sparks, J., S. **Rideout-Hanzak**, and J. Eidson. 2005. Fire ecology of the Pineywoods, and Oak Woods and Prairie ecoregions. Pages 54-65 *in* C. G. Brown and D. Rollins, editors. Fire as a tool for managing wildlife habitat in Texas. Texas Cooperative Extension, San Angelo. USA. Oral presentation.
10) Vose, J., D. Van Lear, and S. **Rideout-Hanzak**. 2004. Fire Issues in the Southern Appalachians: the Good, the Bad and the Potential. *In* Proceedings of Enhancing the Southern Appalachian Forest Resource: A symposium engaging economic, ecological and social principles and practices. Hendersonville, NC. Invited oral presentation.
9) Waldrop, T.A., D.W. Glass, S. **Rideout**, V.B. Shelburne, H.H. Mohr and R.J. Phillips. 2004. An evaluation of fuel reduction treatments across a landscape gradient in Piedmont forests: Preliminary results of the national Fire and Fire Surrogate Study. Gen. Tech. Rep. SRS–71. Asheville, NC: USDA, Forest Service, Southern Research Station. Pp. 54-59. Oral Presentation.
8) Mohr, H.H., T.A. Waldrop, S. **Rideout**, R.J. Phillips and C.T. Flint. 2004. Effectiveness of fire and fire surrogate treatments for controlling wildfire behavior in Piedmont forests: A simulation study. Gen. Tech. Rep. SRS–71. Asheville, NC: USDA, Forest Service, Southern Research Station. Pp. 71-73. Poster.
7) **Rideout**, S., B.P. Oswald and M.H. Legg. 2003. Ecological, political and social challenges of prescribed fire restoration in East Texas pineywoods ecosystems: A case study. *Forestry 76* (2):261-269. https://academic.oup.com/forestry/article/76/2/261/1056368
6) **Rideout**, S., J.K. Rickard and D.D. Wade. 2003. Herbaceous plant response to biennial burning cycles applied at different dates during the growing season: Preliminary results. *Natural Areas Journal 23*(1):38-42. https://www.srs.fs.usda.gov/pubs/ja/ja_rideout001.pdf

5) **Rideout**, S. and B.P. Oswald. 2002. Effects of prescribed burning on vegetation and fuel loading in three East Texas state parks. *The Texas Journal of Science 54*(3):211-226. https://scholarworks.sfasu.edu/cgi/viewcontent.cgi?article=1028&context=forestry

4) Barnett, M., S. **Rideout**, B. Oswald, K. Farrish and H. Williams. 2002. Mid-rotational loblolly pine growth resulting from herbicide, prescribed fire, and fertilization treatments. *In* Outcalt, K. W. (*ed.*) Proceedings, Eleventh Biennial Southern Silviculture Research Conference. Knoxville, TN. Gen. Tech. Rep. SRS–48. Asheville, NC: USDA, Forest Service, Southern Research Station. Poster.

3) **Rideout**, S. and M.H. Legg. 2000. Factors limiting minority involvement in interpretive programming. *Legacy: Journal of Interpretation Research 5*(1):53-58.

2) **Rideout**, S. and M.H. Legg. 1998. Factors Limiting Minority Involvement in Interpretive Programs: A Case Study. *In* Kantola, K., M. H. Legg, R. Paris, and Skrien (*eds.*) Interpretive Source Book: Proceedings of the National Interpreters Workshop, Anchorage, AK. National Association for Interpretation: Ft. Collins, CO. Oral presentation.

1) **Rideout** Civitarese, S., M.H. Legg, and D.M. Zuefle. 1997. More thoughts on the differences between Environmental Interpretation and Environmental Education. *Legacy* Nov/Dec:10, 28-29.

## ***Book Editorships***

**Rideout-Hanzak**, S. (*ed.*) Current Research. Caesar Kleberg Wildlife Research Institute.
2023, 108 pp.
2022, 112 pp.
2021, 104 pp.

Fedynich, A. and S. **Rideout-Hanzak**. (*eds.*) 2020. Current Research. Caesar Kleberg Wildlife Research Institute. 100 pp.

**Rideout-Hanzak**, S., J.G. Villarreal González, D. Hewitt, R. DeYoung, A.A.T. Conkey, J.A. Ortega-S. (*eds.*) 2015. Manejo de Ranchos Cinegéticos: Por Donde Empezar? Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville. 157 pp.

**Rideout-Hanzak**, S., B.P. Oswald, M. Beierle (*comps*.) 2010. Fourth International Congress on Fire Ecology and Management: Fire as a Global Process; 2009 November 30 - December 4; Savannah, GA. Leavenworth, WA: The Association for Fire Ecology. Online: http://fireecology.net/Congress09/Abstracts/FireEco2009.html

## ***Book Contributions***

**Rideout-Hanzak**, S. Mejoramiento mecánico y químico det hábitat. Pages 53-58 *in* Rideout-Hanzak, S., J. G. Villarreal González, D. Hewitt, R. DeYoung, A. A. T. Conkey, J. A. Ortega-S., editors. Manejo de Ranchos Cinegéticos: Por Donde Empezar? 2015. Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.

**Rideout-Hanzak**, S. Quema prescrita. Pages 37-52 *in* Rideout-Hanzak, S., J. G. Villarreal González, D. Hewitt, R. DeYoung, A. A. T. Conkey, J. A. Ortega-S., editors. Manejo de Ranchos Cinegéticos: Por Donde Empezar? 2015. Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.

Legg, M.H. and S. **Rideout**. 1998. Management of Social Values. Page 131 i*n* Kulhavy, D. L. and M. H. Legg, editors. Wilderness and Natural Areas in Eastern North America. Center for Applied Studies, Stephen F. Austin State University: Nacogdoches, TX. 332 pp. (book chapter intro)

## ***Newsletter Editorships***

**Rideout-Hanzak**, S. 2023-2024. *Wildlife Research* vols *27, 28*, Winter, Spring, Summer and Fall editions. Caesar Kleberg Wildlife Research Institute. 4 pp each.

**Rideout-Hanzak**, S. 2022. *Wildlife Research* vols *26* (formerly *Quarterly Newsletter*), Winter, Spring, Summer and Fall editions. Caesar Kleberg Wildlife Research Institute. 4 pp each.

**Rideout-Hanzak**. 2021. *Quarterly Newsletter 25*, Winter, Spring, Summer and Fall editions. Caesar Kleberg Wildlife Research Institute. 4 pp each.

Fedynich, A. and S. **Rideout-Hanzak**. 2020. *Quarterly Newsletter 24*, Winter, Spring, Summer and Fall editions. Caesar Kleberg Wildlife Research Institute. 4 pp each.

## ***Publications for Lay Audiences***

Henke, S., S. **Rideout-Hanzak**, and A. Martin. 2024. Rabbit fever: Assessing hemorrhagic disease in Davis Mountain cottontails. *Wildlife Research 28*(2):3.

Walters, R., S. **Rideout-Hanzak**, and A. Martin. 2024. Tick talk: Unveiling the potential of prescribed fire in South Texas tick control. *Wildlife Research 28*(2):1-2.

Ortega-S., A., C. Walther, A. DiMaggio, R. Combs, J. Mata, H. Perotto-Baldivieso, S. **Rideout-Hanzak**, and D. Wester. 2023. Prescribed fire and cattle grazing to manage tanglehead for wildlife habitat improvement. *Wildlife Research 27*(2):1-2.

Henke, S. E., C. Moeller, and S. **Rideout-Hanzak**. 2022. You and your family paint what? *Caesar Kleberg Tracks 7*(2):8-11.

**Rideout-Hanzak**, S. 2022. Texas wildfires: Should we expect more years like 2022? *Texas Wildlife*, August:26-28

Anderson, C. J., S. **Rideout-Hanzak**, and R. Zerlin. 2021. A Talk on the Wild Side. *South Texas Wildlife 25*:3-4.

Ortega-S., J. A., C. H. Walther, A. DiMaggio, R. Combs, J. M. Mata, H. L. Perotto-Baldivieso, S. **Rideout-Hanzak**, and D. B. Wester. 2020. Challenges and strategies to manage invasion of tanglehead: A threat for wildlife habitat integrity. *Caesar Kleberg Tracks 5*(1):8–11.

Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, A. Ortega-S., and H.L. Perotto. 2020. Patch Burning as a Management Tool for Coastal Rangelands in South Texas. East Foundation Management Bulletin 5. 4 pp.

**Rideout-Hanzak**, S., D.B. Wester, and J.S. Ávila Sánchez. 2019. Is a summer burn a "hotter" burn? *Caesar Kleberg Tracks (23)*:3.

**Rideout-Hanzak**. 2018. Prescribed burning for improved wildlife habitat is not as simple as lighting a match. *Texas Wildlife,* August:30-32.

Haynes, T., J.S. Ávila Sánchez, A. Ortega-S., D. Wester and S. **Rideout-Hanzak**. 2018. Improving livestock distribution and utilization in gulf cordgrass with prescribed burning. *Caesar Kleberg Tracks 3*:

Walther, C.H., J.A. Ortega-S., H. Perotto-Baldivieso, S. **Rideout-Hanzak** and D.B. Wester. 2017. Long term responses of tanglehead to prescribed burning and cattle grazing. *Grass Roots*, a publication by the Texas Section Society for Range Management *69*:13.

Haynes, V., J.S. Ávila Sánchez, S. **Rideout-Hanzak**. 2017. Season of burning on large mammal usage of gulf cordgrass. *South Texas Wildlife 21*.

Britton, C.M., D.B. Wester, C. Villalobos, S. **Rideout-Hanzak**. 2016. Ecological Implications of Fire Temperature from Grassland Fires.

**Rideout-Hanzak**, S. 2015. Ahhh, summertime. Lightning bugs and lemonade with a twist of Lyme: What all outdoorsy Texans should know about Lyme disease. *Texas Wildlife 31*:28-31.

**Rideout-Hanzak**, S. 2014. Terra: New best friend of endangered toads. *South Texas Wildlife. 18*(2):1-2.

**Rideout-Hanzak**, S., C. Villalobos, and C.M. Britton. 2012. The rancher's balancing act: Managing for forage, prescribed burning and mitigating wildfire. Rangeland Issues 1(2):1-7.
**Rideout-Hanzak**, S. 2012. Fighting fire with fire. *Texas Wildlife 28*(2):34-35.
**Rideout-Hanzak**, S. 2011. Whither will wildfire affect wildlife? *South Texas Wildlife 15*(3):1-2.

## ***A Talk on the Wild Side Podcast productions***

*Indicates episodes that include a video version on YouTube.

76. Tactical Opossums? Pocket Dinosaurs? Nope, just Armadillos! – S3E14, with Dr. J. Loughry, Jan 17, 2024.
75. Secrets of the Cave Salamanders! _S3E13, with Dr. N. Cagle, A. White, and R. Kuczek, Jan 2, 2024.
74. It's an Invasion of Species! – S3E12, with A. Olvera, Dec. 19, 2023.
73. Sky High Wildlife Research Using Drones! – S3E11, with Dr. D. Saunders, Dec. 13, 2023.
72. Dragons and Damsels that Fly! – S3E10, with W. Brown, Nov. 29, 2023.
71. Monkeys in Texas? Snow Way! – S3E9, with S. Bird and L. Griffin, Nov. 7, 2023.
70. *You Better Strike on This Sharelunker Episode! – S3E8, with N. Goldstrohm, Oct. 25, 2023.
69. *Oh Deer! Hunting Season is Almost Here! – S3E7, with J. Dykes, Oct. 10, 2023.
68. *Finding Homies with Scales; The Search for Spot-tailed Earless Lizards! – S3E6, with D. Rangel, Sep. 26, 2023.
67. Oops, We Did it Again! More Biology Blunders! – S3E5, Sep. 19, 2023.
66. *Even Wildlife Rescue is Bigger in Texas! – S3E4, with C. Ullmer, Aug. 29, 2023.
65. *Dinosaurs in Texas? That Tracks! – S3E3, with Z. Riggs, Aug. 15, 2023.
64. *This Episode is for People Who Love Birds! – S3E2, with D. Belleny, Aug. 1, 2023.
63. *Sneak Beak into Aplomado Falcons! – S3E1, with B. Mutch, July 18, 2023.
62. *Oh Captain, My Caption! – S2E28, with Captain C. Naiser, June 20, 2023.
61. *We Can't Help but Carrion about Scavengers! _S2E27, with Dr. S. Leivers, June 6, 2023.
60. Why Did the Ocelot Cross the Road? – S2E26, with Dr. J. Young, May 23, 2023.
59. To Err is Human; To Blunder Can Be Funny! – S2E25, May 9, 2023.
58. *It Takes a Little Mussel to Withstand Extreme Weather! – S2E24, with A. Tarter, Apr. 25, 2023.
57. *Keeping the Stars at Night Big and Bright! – S2E23, with S. Hummel, Apr. 11, 2023.
56. *Celebrating Amazing Women in Natural Sciences! S2E22, Mar. 28, 2023.
55. *Chill Out While We Simplify Climate Complexity! -S2E21, with Dr. J. Nielsen-Gammon, Mar. 14, 2023
54. *Don't Overextend Yourself! The Extension Specialist is Here! -S2E20, with Dr. S. Hines, Feb. 28, 2023
53. Ticks—There's No Such Thing as TMI about TBI! –S2E19, with Dr. A. Martin, Feb. 14, 2023.
52. *Foraging Texas: Eat the Wild Plants! –S2E18, with Dr. M. Vorderbruggen, Jan. 31, 2023.
51. *A Plate on the Wild Side!—S2E17, with Chef J. Griffiths, Jan. 18, 2023
50. *Alligator Gar—Gargantuan Fish! – S2E16, with Dr. D. Daugherty, Jan. 2, 2023.
49. *CWD in Texas Update – S2E15, with Dr. Hunter Reed, Dec. 19, 2022.
48. *Plant Talk with Planthropology! – S2E14, with Dr. Vikram Baliga, Dec. 5, 2022.
47. *Stewards of the Wild! – S2E13, with K. Spurgin, Nov. 22, 2022.
46. *Dear Me! No, Deer U! Long Version– S2 Bonus, with Drs. M. Cherry and B. Strickland, Nov. 8, 2022.
45. Dear Me! No, Deer U! – S2E12, with Dr. M. Cherry and Dr. B. Strickland, Nov. 8, 2022.
44. *Vampires We Love, and Why We're Batty about Them! – S2E11, with Dr. A. Adams, Oct. 26, 2022.
43. *Invasion of the Brown Widows! – S2E10, with A. Wahlberg, Oct. 12, 2022.
42. *Texas Master Naturalists! – S2E9, with M.P. Meuth, Sep. 2022.
41. *Ben Masters and Mountain Lions - S2E8, with B. Masters, Sep. 2022.

40. Fastest Hooves in the West! – S2E7, with S. Gray. Aug. 30, 2022.
39. When (Wild) Pigs Fly! – S2E6, with Dr. J. Tomeček. Aug. 16, 2022.
38. Alternative Fuels – S2Bonus2, with T. Herrmann. Aug. 9, 2022.
37. Oh, Quail Yes! – S2E5, with Dr. A. Woodard. Aug. 2, 2022.
36. The Avian Rebbe – S2Bonus, with A. Eisenstein. Jul 26, 2022.
35. Bringing Back Baffin Bay! – S2E4, with Dr. M. Wetz and K. Stanzel. Jul 19, 2022.
34. No Fowl Language, Just Turkey Talk! – S2E3, with J. Hardin. Jul 5, 2022.
33. Eat, Prey, Dove! – S2E2, with O. Fitzsimmons. Jun 21, 2022.
32. Apiculture is the Bee's Knees! – S2E1, with Dr. J. Rangel, Jun 7, 2022.
31. Paint the Town Reddish (Egrets, that is)! – S1E27, with Dr. C. Green. May 24, 2022
30. Restoration, Pipelines, and Cattle Panel – S1E26, with Dr. D. Wester and B. Slothower. May 10, 2022.
29. Colorful Gifts of Coral Reefs – S1E25, with Dr. K. Bahr. Apr. 26, 2022.
28. Mountain Life with Desert Bighorn Sheep – S1E24, with F. Hernandez. Apr. 12, 2022.
27. Alligators: Actually Not Big Toothy Lizards – S1E23, with Dr. C. Eversole. Mar. 28, 2022.
26. What's Up with All These Wildfires? – S1Bonus, Mar. 25, 2022.
25. Butterflies and Conservation Challenges – S1E22, with M. Wright. Mar. 15, 2022.
24. Celebrating Women in Natural Sciences – S1EBonus. Mar. 8, 2022.
23. Little Fish, Big Impact! – S1E21, with Dr. C. Montaña. Mar. 1, 2022.
22. Oil and Sharks don't Mix! – S1E20, with Dr. D. Portnoy. Feb. 15, 2022.
21. Duck Detectives on the Case! – S1E19, with Ms. G. Eccles and Dr. B. Ballard. Feb. 1, 2022.
20. *Milking Snakes—Not as Easy as Milking Cows! – S1E18, with M. Hockmuller and J. Salinas. Jan. 18, 2022.
19. Come on Baby, Light my Fire! – S1E17, with Dr. B. Oswald. Jan. 4, 2022.
18. *Kemp's Ridley Conservation—Like Turtley, Dude! – S1E16, with Dr. D. Shaver. Dec. 21, 2021.
17. Big Science Comes in Small Organisms! – S1E15, with Dr. J. Turner. Dec. 7, 2021.
16. The Native American Perspective on Wildlife Conservation—And Bears, too! – S1E14, with Dr. D. Doan-Crider. Nov. 23, 2021.
15. *An Ocelot of Information about Wild Cats! – S1E13, with Dr. M. Tewes. Nov. 9, 2021.
14. Houston, Wildlife has a SpaceX Problem! Part 2 – S1E12, with D. Newstead. Oct. 26, 2021.
13. Houston, Wildlife has a SpaceX Problem! Part 1 – S1E11, with D. Newstead. Oct. 26, 2021.
12. Snakes in a Blanket (Not as Good as Pigs in a Blanket)! – S1E10, with Dr. C. Schalk. Oct. 12, 2021.
11. To Cull or Not to Cull; That is the Question – S1E9, with D. Draeger. Sep. 28, 2021.
10. Pearls of Wisdom about Oyster Reefs – S1E8, with Dr. J. Pollack. Sep. 14, 2021.
9. White-tailed Deer Dating: There's not an App for that – S1E7, with Dr. R. DeYoung. Aug. 31, 2021.
8. The Big Shooter! Photographer Wyman Meinzer – S1E6, with W. Meinzer. Aug. 18, 2021.
7. Chronic Wasting Disease in Texas – S1Bonus episode, with M. Lockwood. Aug. 10, 2021.
6. Oodles of Nurdles! A Global Pollution Hurdle! – S1E5, with J. Tunnel. Aug. 3, 2021.
5. Introducing… Introduced Bluestems! – S1E4, with Dr. M. Clayton. Jul. 20, 2021.
4. Horned Lizards, Coyotes, and Roadrunners! Beep, Beep! – S1E3, with Dr. S. Henke. Jul. 6, 2021.
3. Even Dolphins Do It! – S1E2, with Dr. D. Orbach. Jun 24, 2021.
2. Bobwhite Quail, Color Cues & Hormone Cocktails – S1E1. Jun 9, 2021.
1. Intro to the Podcast and our Team. Jun. 9, 2021.

## ***Invited Oral Presentations—no proceedings***

11) Deiss, S., S. **Rideout-Hanzak**, M. Kothmann. 2019. Panel: Putting fire on the ground. Healthy Prairies, Healthy Watersheds. North American Prairie Conference, Houston, TX, 2-5 June 2019.
10) Wester, D.B., J.L. Grace, S. **Rideout-Hanzak** and V. Acosta-Martinez. 2016. Tanglehead: Invasion by a decreaser? Symposium on Exotic and Native Invasive Species Impacts and Management on South Texas Rangeland. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus

Christi, TX 31 Jan-4 Feb. 2016.

9) Wester, D.B., M.C. Lovell, V. Acosta-Martinez, F.S. Smith, S. **Rideout-Hanzak**, P. Maywald, T. Blankenship, A. Falk and K. Pawelek. 2016. Soil, seedbank, and species establishment dynamics influencing Eagle Ford Shale restoration. Symposium on Native Plant Restoration on Rangelands Impacted by Oil and Gas Production in South Texas. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX 31 Jan-4 Feb. 2016.
8) **Rideout-Hanzak**, S. and D.B. Wester. 2015. Heat, smoke and smoke water effects on germination. 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.
7) Wester, D.B., M.C. Lovell, J.B. Hoffman, F.S. Smith, V. Acosta-Martinez, P. Maywald, A. Falk, K. Pawelek, S. **Rideout-Hanzak** and T. Blankenship. 2015. Restoration of disturbed sites in southern Texas. Soil, Water and Air Spring Issues Forum. USDI Bureau of Land Management. Webinar presentation. 12 May 2015.
6) **Rideout-Hanzak**, S. 2013. Using prescribed fire to manage fuels in the Southern Great Plains. RTEC—Preparing for the Next Big Wildfire Season: Managing Fuels to Reduce Wildfire Risk in the Great Plains. The Future of Rangeland Fire in a Changing World. Society for Range Management 66th Annual Meeting, Technical Training & Trade Show. Oklahoma City, OK. 2-8 February 2013.
5) Dicus, C. and S. **Rideout-Hanzak**. 2012. Garbage in, gospel out: Uses (and misuses) of fire behavior modeling software. 6th Annual Wildland Fire Litigation Conference. Sacramento, CA.
4) **Rideout-Hanzak**, S. 2010. Prescribed Fire Effects Texas Coastal Prairie and Live Oak. USFWS Region 2 Refuges Fire Management Workshop. South Padre Island, TX.
3) **Rideout-Hanzak**, S. D.B. Wester, R.W. Weiser, C.M. Britton, C. Boal and H. Whitlaw. 2008. East Amarillo Complex wildfires: Early results and lessons learned. Association for Fire Ecology, Fire in the Southwest Conference. Large Wildfires, Lessons Learned Plenary Session. Tucson, AZ.
2) Bowker, J.M., S. **Rideout-Hanzak**, S. Lim, H.K. Cordell, G.T. Green, C.Y. Johnson and C.J. Betz. 2005. A Social Assessment of Public Knowledge, Attitudes, and Values Related to Wildland Fire, Fire Risk and Fire Recovery. Joint Fire Science Program, Principal Investigators Workshop. San Diego, CA.
1) **Rideout**, S. and M. Legg. 1999. Factors Limiting Minority Involvement in Interpretive Programs: A Case Study. National Association for Interpretation Region VI Workshop. Hot Springs, AK.

## ***Volunteered Oral Presentations—no proceedings***

85) Moeller, C., S. Perales, W. Rodriguez, S. Henke, D. Wester, S. **Rideout-Hanzak**, C. Eversole, P. Crump. 2024. Texas Tortoise Movement Patterns Following Three Soft Release Periods After Translocation. Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
84) Moeller, C., S. Perales, W. Rodriguez, S.E. Henke, D.B. Wester, C.B. Eversole, S. **Rideout-Hanzak**. 2023. Detectability of Texas tortoises by line transect method. Texas Herpetological Society, Nacogdoches, TX, Nov. 2023.
83) Zerlin, R., J. Elissetche, S. **Rideout-Hanzak**, D. Wester, R. Campbell, L. Schofield. 2022. Effects of prescribed burning on butterfly populations in coastal South Texas. Great Plains Fire Summit. North Platte, NE. 23-25 Aug. 2022.
82) Dewez, N.P., W. Xi, S. **Rideout-Hanzak**, A.O. Anoruo, D.R. Duffie, T. Chaudhary, S. Clarke. 2022. The Effects of an Exceptional Drought on Tree Mortality in the National Forests of East Texas. 107th Annual Meeting of the Ecological Society of America, Montreal, CA, 14-19 August.
81) Slothower, B.M., A.D. Falk, S. **Rideout-Hanzak**, D.A. Golembiewski, E.R. Bishop, and D.B. Wester. 2022. Cover crop considerations for rangeland restoration. Society for Range Management, February, Albuquerque, NM.
80) Bishop, E. 2022. Restoration of Tallgrass prairie. Society for Range Management, February,

Albuquerque, NM.

79) Combs, R.C., J.A. Ortega-S., H.L. Perotto-Baldivieso, D.B. Wester, and S. **Rideout-Hanzak**. 2022. Response of tanglehead (Heteropogon contortus) expansion to prescribed fire and cattle grazing. Society for Range Management, February, Albuquerque, NM.

78) Zerlin, R. J. Elissetche, S. **Rideout-Hanzak**, D. Wester, T. Campbell, L. Schofield. 2022. Effects of prescribed burning on butterfly populations in coastal South Texas. Texas Chapter of the Wildlife Society. Marble Falls, TX. 24-26 Feb. 2022.

77) Golembiewski, D.A., S. **Rideout-Hanzak**, and D.B. Wester. 2021. Plant community dynamics on a restored fracking pond. Texas Section Society for Range Management Annual Meeting, 14 Ocdtober, Virtual.

76) Slothower, B. M., A. D. Falk, S. **Rideout-Hanzak**, D. B. Wester. 2021. Native Grass Establishment along a Right-of-Way. Texas Section Society for Range Management, October. Virtual.

75) Slothower, B. M., A. D. Falk, S. **Rideout-Hanzak**, T. Blankenship, and D. B. Wester. 2021. Staggered Seed Trail for Rangeland Restoration. Society for Range Management, February. Virtual.

74) Bishop, E.R., T.C. Wayland, K.A. Pawelek, S. **Rideout-Hanzak**, F.S. Smith and D.B. Wester. 2021. Plant frequency and density dynamics in tallgrass prairie two years post seeding. Texas Section of The Society for Range Management, 21 October 2021 (virtual, Don Pendleton presentation).

73) Zerlin, R., S. Rideout-Hanzak, D.B. Wester, R. Patrock and T. Campbell. 2021. The effects of prescribed burning on butterfly populations in coastal South Texas. 9th International Fire Ecology and Management Congress, 30 Nov-3 Dec 2021, Virtual.

72) Walther, C. H., Ortega-S., J.A., H.L. Perotto-Baldivieso, S. **Rideout-Hanzak**, D.B. Wester. 2021. Prescribed fire and cattle grazing to manage invasive grasses for cattle and wildlife. Joint XXIV International Grassland and XI International Rangeland Congress. 25-29 Oct. 2021. Kenya.

71) Chaudhary, T., W. Xi, S. **Rideout-Hanzak**, H. Su and S. Clarke. 2021. The impacts of an exceptional drought on forest demographics and biomass in east Texas. The 106th Annual Meeting of the Ecological Society of America. 2-6 Aug 2021. Long Beach, CA, USA

71) Avila-Sanchez, J.A., V. L. Haynes, S. **Rideout-Hanzak**, D. B. Wester, J. A. Ortega-S., T. A. Campbell. 2021. Gulf cordgrass community vegetation response to a 3-year fire return interval of winter and summer prescribed burning. 57th Annual Meeting of the Texas Chapter of The Wildlife Society, 24-26 Feb. 2021, online.

70) Golembiewski, D.A., S. **Rideout-Hanzak**, V. Acosta-Martinez and D.B. Wester. 2020. Examining the efficacy of stock-piling topsoils and seeding for the restoration of frac ponds. 56th Annual Meeting of the Texas Chapter of The Wildlife Society, 13-15 February 2020, Corpus Christi, TX.

69) Cortez, J. G., S. **Rideout-Hanzak**, D. B. Wester, M. E. Tewes, J. Evans. 2020. Ocelot Habitat Restoration Acceleration. 56th Annual Meeting of the Texas Chapter of the Wildlife Society, 13-15 February 2020, Corpus Christi, Texas.

68) Ávila Sánchez, J.S., V. Haynes, S. **Rideout-Hanzak**, D. Wester, J. Ortega-S. and T. Campbell. 2020. Season of burn effects on composition of forage standing crop in gulf cordgrass communities. 56th Annual Meeting of the Texas Chapter of The Wildlife Society, 13-15 February 2020, Corpus Christi, TX.

67) Xi, W., M. Subedi, M. Yan, C. Edgar, S. **Rideout-Hanzak** and S. Clarke. 2020. Assessing impacts of drought on forests in east Texas: An analysis on tree mortality using FIA data. USDA Forest Service Forest Health Monitoring Workshop. 25-27 Feb. 2020. Raleigh, North Carolina, USA.

66) Golembiewski, D.A., S. **Rideout-Hanzak**, and D.B. Wester. 2020. Examining the efficacy of stock-piling topsoils and seeding for the restoration of native grasses. BRIT Texas Plant Conservation Conference 2020, 13-14 August, online. (video presentation). Awarded Best Video Presentation.

65) Cortez, J. G., S. **Rideout-Hanzak**, D. B. Wester, M. E. Tewes, J. Evans. 2020. Ocelot Habitat Restoration Acceleration. BRIT Texas Plant Conservation Conference 2020, 13-14 August, virtual. (video presentation).

64) Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, A. Ortega-S., and T.A.

Campbell. 2019. Season of burn effects on forage production and composition of Gulf cordgrass communities. 8th International Fire Ecology and Management Congress: Association for Fire Ecology. 13-18 November 2019, Tucson, AZ.

63) Haynes, V.L, J. Ávila Sánchez, R.R Zerlin, S. **Rideout-Hanzak**, D. Wester, A. Ortega-Santos, and T.A. Campbell. 2019. Patch burn-grazing in South Texas coastal Gulf cordgrass communities. 8th International Fire Ecology and Management Congress, 13-18 November 2019, Tucson, AZ.

62) Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, A. Ortega-S., and T.A. Campbell. 2019. Season of burn effects in Gulf cordgrass communities. Texas Chapter of The Wildlife Society Annual Meeting. February 2019. Montgomery, TX.

61) Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S. and T.A. Campbell. 2018. Comparison of seasonal prescribed burning effects on forage production and composition of gulf cordgrass communities. Texas Section for Society for Ecological Restoration. 9-11 November 2018, San Antonio, TX.

60) Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S. and T.A. Campbell. 2018. Comparison of seasonal prescribed burning effects on forage production and composition of gulf cordgrass communities. Texas Section Society for Range Management annual meeting. 9-11 October 2018. Lubbock, TX.

59) Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S. and T.A. Campbell. 2018. Comparison of season of burning effects on mortality and recruitment of gulf cordgrass. Texas Chapter of The Wildlife Society annual meeting. 9-11 February 2018. Dallas, TX.

58) Ávila Sánchez, J.S., Z. Pearson, H.N. Sanders, C.H. Walther, S. **Rideout-Hanzak**, D.B. Wester and T. Blankenship. 2018. Regrowth of Angleton bluestem following warm season prescribed burning. Texas Chapter of The Wildlife Society annual meeting. 9-11 February 2018. Dallas, TX.

57) Mata, J.M., H. Perotto, F. Hernández, E.D. Grahmann, S. **Rideout-Hanzak**, J.T. Edwards, J. Robles and M. Page. 2017. Factors influencing the spatial and temporal distribution of tanglehead on South Texas rangelands. Texas Chapter of The Wildlife Society annual meeting. 16-18 February 2017, San Antonio, TX.

56) Walther, C.H., J.A. Ortega-S., H. Perotto-Baldivieso, S. **Rideout-Hanzak** and D. Wester. 2017. Long term responses of tanglehead to prescribed burning and cattle grazing. Texas Section Society for Range Management meeting. 11-13 October 2017. San Angelo, TX. First place oral presentation, Don Pendleton Memorial College Awards.

55) Haynes, V.L., J.S. Ávila Sánchez, S. **Rideout-Hanzak**, J.A. Ortega-S., D.B. Wester, T.E. Fulbright, H. Perotto-Baldivieso, T.A. Campbell and A. Ortega-S., Jr. 2017. Prescribed patch burning in gulf cordgrass rangelands and ungulate distribution. Texas Section Society for Range Management meeting. 11-13 October 2017. San Angelo, TX.

54) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, J.A. Ortega-S., T.A. Campbell, J. A. Ortega-S., Jr., J.L. Grace, A.E. Toomey, V.L. Haynes. 2017. Evaluating seasons of prescribed burning in Coastal Prairie and Interior Coastal Plains rangelands of southern Texas, USA. International Congress on Prescribed Fires. 1-2 February 2017, Barcelona, Spain.

53) Subedi, M., W. Xi, C. Edgar and S. **Rideout-Hanzak**. 2016. Evaluating extreme drought-induced tree mortality and biomass loss in east Texas using Forest Inventory and Analysis (FIA) data. 9-14 Aug 2015. The 100th Annual Meeting of the Ecological Society of America, Baltimore, Maryland, USA.

52) Toomey, A.E., S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Campbell, A. Ortega-S., Jr. and V.L. Haynes. 2016. Vegetative response to season of prescribed burning in the gulf coast Prairie and Marsh ecoregion of Texas. Texas Section Society for Range Management, 2016 Annual Meeting. Uvalde, TX 11-13 Oct. 2016. Received 1st place in graduate student presentations.

51) Toomey, A.E., S. **Rideout-Hanzak**, D.B. Wester, D. Ruppert. 2016. Season of prescribed burning on Kleberg Bluestem (*Dichanthium annulatum*) in South Texas. 69th Annual SRM Meeting,

Technical Training & Trade Show. Corpus Christi, TX 31 Jan-4 Feb. 2016.

50) Toomey, A.E., S. **Rideout-Hanzak**, D.B. Wester and D. Ruppert. 2015. Season of prescribed burning on Kleberg bluestem (*Dichanthium annulatum*) in South Texas. 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.

49) McCloughan, A.C., S. **Rideout-Hanzak**, D.B. Wester and W. Xi. 2015. Using prescribed fire to manage endangered slender rush-pea *Hoffmannseggia tenella* in southern Texas, USA. 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.

48) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and J.A. Ortega-S. 2015. Changes in soil microbial community and structure along a tanglehead (*Heteropogon contortus*) density gradient in South Texas. Texas Section, Society for Ecological Restoration, San Antonio, TX. 13-15 Nov. 2015.

47) Toomey, A.E., S. **Rideout-Hanzak**, D.B. Wester and D. Ruppert. 2015. Season of prescribed burning on Kleberg bluestem (*Dichanthium annulatum*) in South Texas. Texas Section, Society for Ecological Restoration, San Antonio, TX. 13-15 Nov. 2015.

46) McCloughan, A.C., S. **Rideout-Hanzak** and D.B. Wester. 2015. Slender rush-pea morphology and community responses to competition removal. Texas Chapter of The Wildlife Society, Corpus Christi, TX. 19-21 Feb. 2015.

45) McCloughan, A.C., S. **Rideout-Hanzak** and D.B. Wester. 2014. *Hoffmannseggia tenella* (slender rush-pea): Understanding the competitive effects of an endangered south Texas species. Texas Plant Conservation Conference, Austin, TX. 5-8 Nov. 2014.

44) Lovell, M.C., A. Falk, K. Pawelek. F.S. Smith, P. Maywald, V. Acosta-Martinez, S. **Rideout-Hanzak**, T. Blankenship and D.B. Wester. 2014. Seed bank characteristics of stock-piled topsoil in the western Rio Grande Plains. Texas Section, Society for Range Management Annual meeting, Alpine, TX. 7-9 Oct. 2014. 43) Grace, J.L., D.B. Wester, S. **Rideout-Hanzak**, J. 43)

43) Alfonso Ortega-S. and V. Acosta-Martinez. 2014. Effects of tanglehead (*Heteropogon contortus*) invasion on ecosystem processes in the Texas coastal sandsheet. Texas Invasive Plant and Pest Conference, Port Aransas, TX. 26-28 Feb. 2014.

42) McCloughan, A.C., S. **Rideout-Hanzak** and D.B. Wester. 2014. Conservation of endangered slender rush-pea through active management. 50th Annual meeting, Texas Chapter, The Wildlife Society, Austin, TX. 19-22 Feb. 2014.

41) McCloughan, A., S. **Rideout-Hanzak** and D.B. Wester. 2013. Slender rush-pea (*Hoffmannseggia tenella*): Conservation through management—A Case Study. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX.

40) **Rideout-Hanzak**, S. and D.B. Wester. 2012. Heat and smoke effects on germination of select grasses and forbs of the Southern Great Plains. Fire Landscapes, Wildlife & People. Fire in the Southwest Conference. Santa Fe, NM. 27 February-1 March 2012.

39) Beierle, M.J., S. **Rideout-Hanzak**, D.B. Wester and C.M. Britton. 2012. Recent Evolution in Distribution of Wildfires in Texas Grasslands. Fire Landscapes, Wildlife & People. Fire in the Southwest Conference. Santa Fe, NM. 27 February-1 March 2012.

38) Smith, T., D. Wester and S. **Rideout-Hanzak**. 2011. Native plant species suitable for ecological restoration. NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition. New Orleans, LA. 9-12 May 2011.

37) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, H. Whitlaw. 2010. Plant community responses to the East Amarillo Complex wildfires in Texas. Third Fire Behavior and Fuels Conference. Spokane, WA.

36) Yancey, S. R., B. Dabbert, D. Wester, S. **Rideout-Hanzak**, M. Janis, and D. C. Ruthven. 2009. Grassland bird response to patch burning –grazing on sand sagebrush mesquite rangeland. 16th National Meeting of The Wildlife Society, Monterrey, CA.

35) **Rideout-Hanzak,** S., D.B. Wester, C.M. Britton and H. Whitlaw. 2009. Annual net primary

production after the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.

34) Sorensen, G.E., S. **Rideout-Hanzak**, and D.B. Wester. 2009. Blue grama and purple threeawn response to summer and winter prescribed fire. 4th International Fire Congress, Savannah, GA.

33) Warren, T., C.B. Dabbert, S. **Rideout-Hanzak**, D.B. Wester and H. Whitlaw. 2009. Northern bobwhite habitat response to the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.

32) **Rideout-Hanzak,** S., D.B. Wester and H. Whitlaw. 2009. Perennial grass mortality after the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.

31) Beierle, M.J., S. **Rideout-Hanzak**, and D.B. Wester. 2009. Predicting grassland wildfire danger. 4th International Fire Congress, Savannah, GA.

30) Arroyo, R., S. **Rideout-Hanzak**, D.B. Wester, C.M. Britton and H. Whitlaw. 2009. Woody fuel loads and tree mortality in cottonwood riparian zones after the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.

29) Luna-Luna, M., C.M. Britton, C. Villalobos, D.B. Wester, S. **Rideout-Hanzak**, and F.J. Villanueva. 2009. Blue grama (*Bouteloua gracilis*) response to season of burn and simulated fire temperatures in the Chihuahuan desert. Soc. Range Manage. 62th Annual Meeting, Albuquerque, NM.

28) Anderson, W.M., E. Henry, G. Perry and S. **Rideout-Hanzak**. 2009. Ecology of the Texas Horned Lizard in Central and Northern Texas. Southwest Partners in Amphibian and Reptile Conservation, 3rd Annual Meeting. 12-13 Sep., St. George, UT.

27) Warren, T., C. B. Dabbert, S. **Rideout-Hanzak**, D. Wester, and H. Whitlaw. 2009. Northern bobwhite population response to the East Amarillo Complex Wildfire. 44th Annual Meeting of the Texas Chapter of The Wildlife Society.

26) Sorensen, G.E., S. **Rideout-Hanzak** and D.B. Wester. 2009. Multiple regression models to predict biomass of purple threeawn and blue grama: A non-destructive method to measure plant response to fire. 62th Society for Range Management Annual Meeting, Albuquerque, NM.

25) Roberts, A.J., C.W. Boal, S. **Rideout-Hanzak**, D.B. Wester, H.A. Whitlaw, and R.W. Weiser. 2008. Effects of the East Amarillo Complex Wildfires on the Avian Community. 15th Annual Conference of The Wildlife Society. Miami, FL.

24) Warren, T., B. Dabbert, S. **Rideout-Hanzak** and D.B. Wester. 2008. Northern bobwhite population response to the East Amarillo Complex wildfires. 15th Annual Conference of The Wildlife Society. Miami, FL.

23) Beierle, M.J., S. **Rideout-Hanzak**, D.B. Wester, C. Britton, H. Whitlaw. 2008. Vegetation impacts of the East Amarillo Complex wildfires of 2006. International Association of Wildland Fire. The '88 Fires: Yellowstone and Beyond. Jackson Hole, WY.

22) Roberts, A.J., C. Boal, S. **Rideout-Hanzak**. 2008. The East Amarillo Complex wildfires and effects on the avian community. Texas Chapter Wildlife Society meeting, San Antonio, TX.

21) Wester, D.B., S. **Rideout-Hanzak**, C.M. Britton, B. May. 2008. Effects of prescribed fire on Kuenzler's Hedgehog cactus: An endangered species in Southcentral New Mexico. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.

20) Britton, C.M., B. Racher, D.B. Wester, S. **Rideout-Hanzak** and M.J. Beierle. 2008. Applying Fire to Saltcedar-dominated riparian areas: Prescription, fuels reduction, and ecosystem responses. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.

19) Roberts, A., C.W. Boal, S. **Rideout-Hanzak**, D.B. Wester, C.M. Britton. 2008. The East Amarillo Complex wildfires and effects on the avian community. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.

18) Weiser, R.W., S. **Rideout-Hanzak**, D.B. Wester. Jan. 2008. Early results of the East Amarillo Complex wildfires. Society for Range Management, Building Bridges: Rangelands to Grasslands conference, Louisville, KY.

17) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak** and G. Perry. 2007. Life history and activity patterns of

Texas Horned Lizards (Phrynosoma cornutum) in the High Plains of Texas. Joint Meeting of Ichthyologists and Herpetologists. Athens, OH.

16) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak**, and G. Perry. 2007. Home Range, Life History, and Activity Patterns of Texas Horned Lizards (*Phrynosoma cornutum*) in the High Plains region of Texas. 6th National Horned Lizard Conservation Society. Fort Worth, TX.

15) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak** and G. Perry. 2007. Home range, life history and activity patterns of Texas horned lizards in the High Plains region of Texas. Texas Society for Ecological Restoration, 12th Annual Conference, Lubbock, TX.

14) Oswald, B.P., and Association for Fire Ecology **Board of Directors**. 2007. The San Diego declaration on climate change and fire management: Ramifications for fuels management. Second Fire Behavior and Fuels Conference. The Fire Environment: Innovations, Management, and Policy**,** Destin, FL.

13) Brown, S., C.M. Britton and S. **Rideout-Hanzak**. 2006. Summer and winter burn effects on Matagorda Island vegetation. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.

12) Britton, C.M., D. Wester, C. Villalobos, and S. **Rideout-Hanzak**. 2006. Ecological applications of fire temperatures from grassland fuels. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.

11) Luna-Luna, M., C.M. Britton, C. Villalobos, D. Wester, and S. **Rideout-Hanzak**. 2006. Spring and summer burning effects on four Chihuahuan desert plants. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.

10) Wester, D.B., N. Radke, S. **Rideout-Hanzak** and G. Perry. 2006. Effects of prescribed fire on vegetation and non-game wildlife in Central Texas. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.

9) **Rideout-Hanzak,** S., D.B. Wester and G. Perry. 2006. Mortality in *Echinocereus viridiflorus* var. *viridiflorus* after wildfire followed by drought in the Southern Mixed Prairie of Texas. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.

8) Britton, C.M., C. Villalobos, D.B. Wester, S. **Rideout-Hanzak**. 2006. The physiological basis for timing the use of prescribed fires: A basic principle. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.

7) Radke, N., G. Perry, D. Wester, S. **Rideout-Hanzak**. 2006. Short-term effects of prescribed fire on vegetation and non-game wildlife in Central Texas. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.

6) **Rideout-Hanzak**, S., R.J. Phillips, and T.A. Waldrop. 2003. Effects of fire intensity on vegetative composition in Piedmont loblolly-shortleaf pine communities: Preliminary results of the National Fire and Fire Surrogate Study. Second International Wildland Fire Conference. Orlando, FL.

5) **Rideout**, S., M. Bowker, C. Johnson, and G. Green. 2002. A Social Assessment of Public Knowledge, Attitudes, and Values related to Wildland Fire, Fire Risk, and Fire Recovery. Ninth International Symposium on Society and Resource Management. Bloomington, IN.

4) **Rideout**, S., B.P. Oswald and M.H. Legg. 2002. Ecological, Political and Social Ramifications of Prescribed Fire Restoration in East Texas Pineywoods Ecosystems: A Case Study. Forest Restoration in the Boreal and Temperate Zones, International Union of Forest Research Organizations. Vejle, Denmark.

3) Rickard, J., S. **Rideout** and D.D. Wade. 2001. Preliminary Report of Herbaceous Response to Biennial Burns Applied at Different Dates during the Growing Season. Natural Areas Association Conference. Cape Canaveral, FL.

2) **Rideout**, S. and M. Legg. 2000. Outdoor Recreation Preferences and Perceived Barriers for Minorities in Fort Worth, Texas. South East Region Recreation Conference. Charleston, SC.

1) **Rideout** Civitarese, S. and M. Legg. March 1998. Focus Groups for Hard to Gather Information: A Case Study. National Association for Interpretation Region VI Workshop. Nacogdoches, TX.

***Poster Presentations—no proceedings***

93) Henke, S., S. **Rideout-Hanzak**, F. Hernandez, A. Martin, D.Wester, S.Yu. 2024. How do ethnicity and gender affect students choosing careers in wildlife? Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
92) Walters, R., S. Henke, S. **Rideout-Hanzak**, and A. Martin. 2024. Assessing prescribed burns for tick control in Coastal Marsh and Prairie ecoregion of southern Texas. Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
91) Bennie, E. S. **Rideout-Hanzak**, A. Falk, F. Fay, and J. Elissetche. 2024. Are native grasses pollinated by insects? Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
90) Moeller, C., S. Perales, W. Rodriguez, S. Henke, D. Wester, C. Eversole, S. **Rideout-Hilton**, C. Hilton, and P. Crump. 2024. Prevalence and treatment of mycoplasma in Texas tortoises. Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
89) Perales, S., C. Moeller, W. Rodriguez, S. Henke, D. Wester, C. Eversole, and S. **Rideout-Hanzak**. 2024. Is detectability of Texas tortoises affected by time of day or temperature? Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
88) Kiel, C., T. Hibbitts, S. **Rideout-Hanzak**, E. Tanner, A. Tanner, D. Wester, and A. Montalva. 2024. Patterns of microhabitat use by Texas tortoises in a Southern Texas coastal rangeland. Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
87) Fay, F., J. Elissetche, E. Bennie, S. **Rideout-Hanzak**, D. Wester, W. Xi. 2024. Effects of prescribed fire on herbaceous nearest-neighbor relationships. Texas Chapter of the Wildlife Society. Houston, TX. 21-23 Feb. 2024.
86) Henke, S.E., S. **Rideout-Hanzak**, F. Hernandez, A.M. Martin, D.B. Wester, S. Yu. 2024. Do ethnicity and sex influence students' choice of careers? Hawaii International Conference on Education, Kona, HI, Jan. 2024.
85) Moeller, C.A., S. Perales, W. Rodriguez, S.E. Henke, C.B. Eversole, S. **Rideout-Hanzak**, P. Crump. 2023. Is translocation a viable mitigation option for Texas tortoises? Texas Herpetological Society, Nacogdoches, TX. Nov 2023.
84) Elissetche, J., F. Fay, S. **Rideout-Hanzak**, D. Wester, S. Henke, H. Perotto, E. Tanner, M. Anderson, C. Eversole, J. Singhurst. 2023. Evaluation of South Texas clay loma characteristics. 59th Annual Texas Chapter of The Wildlife Society Meeting. Houston, TX, 22-24 Feb. 2023.
83) Fay, F., S. **Rideout-Hanzak**, J. Elissetche, D. Wester, M. Anderson. 2023. How are herbaceous plant relationships affected by prescribed fire? 59th Annual Texas Chapter of The Wildlife Society Meeting. Houston, TX, 22-24 Feb. 2023.
82) Kiel, C., E. Tanner, A. Tanner, S. **Rideout-Hanzak**, M. Morrison, A. Montalvo. 2023. Texas tortoise response to prescribed fire in South Texas coastal rangelands. 59th Annual Texas Chapter of The Wildlife Society Meeting. Houston, TX, 22-24 Feb. 2023.
81) O'Brien, M., E. Tanner; D. Wester, A. Falk, S. **Rideout-Hanzak**. 2023. Native grassland restoration in the Edwards Plateau ecological region of Texas. 59th Annual Texas Chapter of The Wildlife Society Meeting. Houston, TX, 22-24 Feb. 2023.
80) Moeller, C., S. Perales, W. Rodriguez, J. Elissetche, S. Henke, S. **Rideout-Hanzak**, C. Eversole, J. Singhurst. 2023. Habitat preferences of Texas tortoises in southern Texas. 59th Annual Texas Chapter of The Wildlife Society Meeting. Houston, TX, 22-24 Feb. 2023.
79) Perales, S., C. Moeller, S. Henke, S. **Rideout-Hanzak**, D. Wester, C. Eversole. 2023. Potential effects of coprophagous behavior in Texas tortoises. 59th Annual Texas Chapter of The Wildlife Society Meeting. Houston, TX, 22-24 Feb. 2023.
78) O'Brien, M.E., E.P. Tanner, D.B. Wester, A.D. Falk, and S. **Rideout-Hanzak**. 2023. Native grassland restoration in the Edwards Plateau Ecological Region of Texas. Society for Range Management Annual Meeting. Boise, ID. 12-16 Feb. 2023.
77) O'Brien, M.E., E.P. Tanner, D.B. Wester, A.D. Falk, and S. **Rideout-Hanzak**. Native grassland restoration in the Edwards Plateau Ecological Region of Texas. Texas Section Society for Range

Management. Denton, TX. 19-21 Oct. 2022.

76) Fay, F., J.C. Elissetche, S. **Rideout-Hanzak**, D.B. Wester, M. Anderson, I. Ruiz, T.A. Campbell, and J. Sawyer. Effects of prescribed fire on nearest neighbor plant relationships in Texas's coastal prairies. Texas Section Society for Range Management. Denton, TX. 19-21 Oct. 2022.

75) Elissetche, J.C., F. Fay, S. **Rideout-Han**zak, D.B. Wester, S.E. Henke, H. Perotto, E. Tanner, M. Anderson, I. Ruiz, C. Eversole, I. Hung, and J. Singhurt. 2022. Assessment of South Texas Clay Loma Vegetation. Texas Section Society for Range Management. Denton, TX. 19-21 Oct. 2022.

74) **Rideout-Hanzak**, S., D.B. Wester, R.J.W. Patrock, and R. Zerlin. 2022. How does prescribed fire season and time since burning affect butterfly populations in coastal South Texas, USA? Fire Across Boundaries. Joint conference Association for Fire Ecology and Pau Costa Foundation, Florence, Italy. 4-6 Oct. 2022.

73) Zerlin, R. J. Elissetche, S. **Rideout-Hanzak**, D. Wester, T. Campbell, L. Schofield. 2022. Extreme Weather Effects on Butterflies—It's Snow Laughing Matter. Texas Chapter of the Wildlife Society. Marble Falls, TX. 24-26 Feb. 2022.

72) Bishop, E.R., T.C. Wayland, K.A. Pawelek, S. **Rideout-Hanzak**, F.S. Smith and D.B. Wester. 2021. Variety selection of six common tallgrass prairie species for restoration in northeast Texas. Annual Meeting of the Society for Range Management, 15-18 February, 2021 (virtual, poster presentation).

71) Zerlin, R., S. **Rideout-Hanzak**, D.B. Wester, R. Patrock, and T. Campbell. 2021. The effects of prescribed burning on butterfly populations in coastal South Texas. 69th Annual Meeting of the Lepidopterist's Society, 18-20 Aug, virtual.

70) Zerlin, R., J. Elissetche, D.B. Wester, and S. **Rideout-Hanzak**. 2021. Effects of Prescribed Burning on Butterfly Populations in Coastal South Texas. 57th Annual Meeting of the Texas Chapter of The Wildlife Society, 24-26 February, virtual.

69) Bishop, E.R., T.C. Wayland, S. **Rideout-Hanzak**, F.S. Smith, K.A. Pawelek, and D.B. Wester. 2021. Comparison of Native Grass Establishment in Monocultures and Mixtures in Northeast Texas. 57th Annual Meeting of the Texas Chapter of The Wildlife Society, 24-26 February, virtual.

68) Slothower, B.M., A. Falk, S. **Rideout-Hanzak**, T. Blankenship, and D.B. Wester. 2021. Cover Crop Considerations for Rangeland Restoration. 57th Annual Meeting of the Texas Chapter of The Wildlife Society, 24-26 February, virtual.

67) Golembiewski, D.A., S. **Rideout-Hanzak** and D.B. Wester. 2021. Examining the effects of topsoil stock-piling and seeding amendments on plant community species richness and diversity over time. 57th Annual Meeting of the Texas Chapter of The Wildlife Society, 24-26 February, virtual.

66) Golembiewski, D.A., S. **Rideout-Hanzak** and D.B. Wester. 2021. Plant community dynamics on a restored fracking pond. Society for Range Management 2021 Virtual Annual Meeting, 15-18 February, virtual. (poster presentation)

65) Ávila Sánchez, J.S., **S. Rideout-Hanzak**, **D.B. Wester, J.A. Ortega-S,** and T.A. Campbell. 2020. Season of burn effects on forage production and composition of gulf cordgrass communities. Poster Presentation at Society for Range Management, Denver, CO. TAMUK student.

64) Golembiewski, D.A., **S. Rideout-Hanzak**, A.D. Falk., V. Acosta-Martinez and D.B. Wester. 2020. Analyzing seedbanks to determine the effectiveness of stock-piling topsoil and native grass seeding in disturbed areas. 56th Annual Meeting of the Texas Chapter of the Wildlife Society, 13 – 15 February, 2020, Corpus Christi, TX. TAMUK student.

63) Slothower, B.M., A.D. Falk, **S. Rideout-Hanzak**, V. Acosta-Martinez and D.B. Wester. Native seed viability and cover crop considerations for rangeland restoration. 56th Annual Meeting of the Texas Chapter of the Wildlife Society, 13 – 15 February, 2020, Corpus Christi, TX. TAMUK student.

62) Zerlin, R., J.S. Ávila Sánchez, S. **Rideout-Hanzak**, D. Wester, and T. Campbell. 2020. The effects of prescribed burning on butterfly populations in coastal South Texas. 56th Annual Meeting of the Texas Chapter of The Wildlife Society, 13-15 February 2020, Corpus Christi, TX.

61) Pope, T. L., S. E. Henke, D. B. Wester, S. **Rideout-Hanzak**, and C. D. Hilton. 2020. Effect of

prescribed fire on the viability of *Baylisascaris procyonis* eggs. 56th Annual Meeting of the Texas Chapter of the Wildlife Society, 13-15 February 2020, Corpus Christi, TX.

60) Slothower, B.M., A.D. Falk, **S. Rideout-Hanzak**, T. Blankenship, D.B. Wester. 2020. Cover Crop Considerations for Rangeland Restoration. BRIT Texas Plant Conservation Conference 2020, 13-14 August, virtual. Awarded best poster. TAMUK student.

59) Bishop, E.R., T.C. Wayland, K.A. Pawelek, **S. Rideout-Hanzak**, F.S. Smith, D.B. Wester. 2020. Strategies for Restoring Tallgrass Prairies in Northeast Texas. BRIT Texas Plant Conservation Conference 2020, 13-14 August, virtual.

58) Golembiewski, D.A., S. **Rideout-Hanzak**, V. Acosta-Martinez and D.B. Wester. 2019. Examining the use of stock-piling topsoil and native seed amendments for restoration of frac ponds: 2 years post-restoration. 2019 Texas Section Society for Range Management Annual Meeting, 9-11 October, Kerrville, TX. TAMUK student.

57) Cortez, J.G., S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, J. Evans. 2019. Accelerating growth of ocelot thornshrub habitat. Texas Section of the Society for Range Management Annual Meeting, Kerrville, TX.

56) Cortez, J.G., S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, J. Evans. 2019. Accelerating growth of thornshrub habitat for the ocelot. 51st annual Meeting of The Texas Chapter of The Wildlife Society, Montgomery, TX.

55) Cortez, J.G., S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, J. Evans. 2019. Accelerating growth of thornshrub habitat for the ocelot. Society for Range Management Annual Meeting, Minneapolis, MN.

54) Zerlin, R., J.S. Ávila Sánchez, S. **Rideout-Hanzak**, D.B. Wester, T. Campbell. 2019. The effects of prescribed fire on butterfly populations in coastal South Texas. Texas Section Society for Range Management, October 2019, Kerrville, TX.

53) Ávila Sánchez, J.S., S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., and T. Campbell. 2019. Season of burn effects on forage production and composition of Gulf cordgrass communities. Don Pendleton Poster Presentation Competition. Texas Section Society for Range Management, October 2019, Kerrville, TX.

52) Cortez, Jr., J.G., S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, D. Ruppert. 2018. Accelerating maturation of thornscrub habitat for ocelots. Texas Section of Society for Ecological Restoration, 9-11 November 2018, San Antonio, TX.

51) Cortez, Jr., J.G., S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, D. Ruppert. 2018. Accelerating maturation of thornscrub habitat for ocelots. Texas Section Society for Range Management meeting, October 2018, Lubbock, TX.

50) Ávila Sánchez, J.S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Campbell and A. Ortega-S., Jr. 2017. Season of Burning on Mortality and Recruitment of Gulf Cordgrass Communities. Texas Section Society for Range Management meeting. 11-13 October 2017. San Angelo, TX. First Place Graduate Poster, Don Pendleton Memorial College Awards.

49) Ávila Sánchez, J.S. and S. **Rideout-Hanzak**. 2017. Season of burning on mortality and recruitment of gulf cordgrass communities. 10th Annual Javelina Research Symposium. 26 Sept. 2017. Kingsville, TX.

48) Haynes, V., S. **Rideout-Hanzak**, J.A. Ortega-S., D.B. Wester, T.E. Fulbright, H. Perotto-Baldivieso, T.A. Campbell and J.A. Ortega-S., Jr. 2017. Effects of summer and winter patch burning in coastal cordgrass communities on ungulate distribution. Texas Chapter of The Wildlife Society annual meeting. 16-18 February 2017, San Antonio, TX.

47) Haynes, V.L., A.E. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-S., D.B. Wester, T. E. Fulbright, H. Perotto-Baldivieso, T. A. Campbell, A. Ortega-S., Jr. 2016. Prescribed patch burning in cordgrass rangelands on ungulate distribution. 2016. 3rd Southwest Fire Ecology Conference. Tucson, AZ 28 Nov-2 Dec. 2016.

46) Mata, J., H.L. Perotto-Baldivieso, F. Hernández, E.D. Grahmann, S. **Rideout-Hanzak,** J. Edwards, J. Robles and M.T. Page. 2016. Factors influencing the spread of tanglehead (*Heteropogon*

*contortus*) on South Texas Rangelands. GIS Day. Corpus Christi, TX. 16 Nov. 2016.

45) Allred, K., V.L. Haynes, A.E. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-S and D.B. Wester. 2016. Effects of prescribed fire on digestible energy of gulf cordgrass and seacoast bluestem. Texas Section Society for Range Management, 2016 Annual Meeting. Uvalde, TX 11-13 Oct. 2016.

44) Haynes, V., A.E. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-S., D.B. Wester, T.E. Fulbright, H. Perotto-Baldivieso, T.A. Campbell, A. Ortega-S., Jr. 2016. Prescribed patch burning in Gulf cordgrass rangelands on ungulate distribution. Texas Section Society for Range Management, 2016 Annual Meeting. Uvalde, TX 11-13 Oct. 2016.

43) Plata, J. E., S.E. Henke and S. **Rideout-Hanzak**. 2016. Do small mammals cause spot fires during prescribed burns? Fact or urban legend? 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb 2016.

42) Haynes, V.L., A. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-Santos, D. B. Wester, T.E. Fulbright, H. Perotto-Baldivieso, T.A. Campbell, and A. Ortega-S., Jr. 2016. Effects of fall and spring patch burning in coastal cordgrass communities on East el Sauz Ranch, Texas USA. 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb 2016.

41) Gulick, L.R., D.B. Wester, J. Alfonso Ortega-Santos, S. **Rideout-Hanzak**, S. D. Lukefahr, R. Stanko and D.E. Ruppert. 2016. Management intensive grazing for improved soil health. 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb 2016.

40) Mata, J., H.L. Perotto-Baldivieso, F. Hernández, E. Grahmann, S. **Rideout-Hanzak** and J. Edwards. 2016. Mapping the spatial distribution of tanglehead (*Heteropogon contortus*) on South Texas rangelands. 69th Annual Meeting Subtropical Agriculture and Environments Society. Weslaco, TX. 6 Feb. 2016.

39) Haynes, V., A. Toomey, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Fulbright, H. Perotto-Baldivieso, T.A. Campbell and A. Ortega-S., Jr. 2015. Effects of patch burning in cordgrass on grazing behavior of cattle and nilgai on East el Sauz Ranch, Texas, USA. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX. 31 Jan-4 Feb. 2016.

38) Mata, J., H.L. Perotto-Baldivieso, F. Hernández, E. Grahmann, S. **Rideout-Hanzak**. 2016. Mapping the spatial distribution of tanglehead (*Heteropogon contortus*) on South Texas rangelands. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX. 31 Jan-4 Feb. 2016.

37) Haynes, V., A. Toomey, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Fulbright, H. Perotto-Baldivieso, T.A. Campbell and A. Ortega-S., Jr. 2015. Effects of patch burning in cordgrass on grazing behavior of cattle and nilgai on East el Sauz Ranch, Texas, USA. 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.

36) Plata, J.E. S.E. Henke and S. **Rideout-Hanzak**. 2015. Do small mammals cause spot fires during prescribed burns? Fact or urban legend? 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.

35) Haynes, V., A. Toomey, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Campbell, T. Fulbright, H. Perotto. 2015. Comparison of seasonal prescribed burning on coastal cordgrass vegetative communities. Texas Section, Society for Ecological Restoration, San Antonio, TX. 13-15 Nov. 2015.

34) Subedi, M., W. Xi, S. **Rideout-Hanzak** and C. Edgar. 2015. Evaluating extreme drought-induced tree mortality and biomass loss in east Texas using Forest Inventory and Analysis (FIA) data. Annual Pathways Symposium, Texas A&M University System. Corpus Christi, TX. 22-23 Oct. 2015.

33) Subedi, M., W. Xi, C. Edgar and S. **Rideout-Hanzak**. 2015. Evaluating extreme drought-induced tree mortality and biomass loss in east Texas using Forest Inventory and Analysis (FIA) data. Ecological Science at the Frontier. 100th ESA Annual Meeting. Baltimore, MD. 9-14 Aug. 2015.

32) Toomey, A., S. **Rideout-Hanzak** and D.B. Wester. 2015. Season of prescribed burning on Old

World bluestem mortality. Texas Chapter of The Wildlife Society, Corpus Christi, TX. 19-21 Feb. 2015.

31) Toomey, A., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of Prescribed burning on Old World bluestem mortality. 65th Annual Texas Section, Society for Range Management meeting, Alpine and Marfa, TX. 7-9 Oct. 2014.

30) Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of prescribed burning on Old World bluestem communities. Texas Invasive Plant and Pest Conference, Port Aransas, TX. 26-28 Feb. 2014.

29) Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Seed bank response to season of prescribed burning in old world bluestem communities. Texas Invasive Plant and Pest Conference, Port Aransas, TX. 26-28 Feb. 2014.

28) Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of prescribed burning on Old World bluestems. 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014.

27) Coston, M.C., D.B. Wester, V. Acosta-Martinez, F. Smith, P. Maywald, S. **Rideout-Hanzak** and T. Blankenship. 2014. Soil microbial characteristics and seed bank dynamics of stock-piled top soils in the western Rio Grande plains. 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014.

26) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and A. Ortega-Sanchez. 2014. Effects of tanglehead invasion on ecosystem processes in the Texas coastal sandsheet. 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014.

25) Toomey, A., S. **Rideout-Hanzak**, D.B. Wester. 2013. Season of prescribed burning on old world bluestems. 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.

24) McCloughan, A., S. **Rideout-Hanzak**, D.B. Wester. 2013. Slender rush-pea (*Hoffmannseggia tenella*): Conservation through management—A case study. 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.

23) Coston, M.C., D.B. Wester, F.B. Smith, P. Maywald, V. Acosta-Martinez, S. **Rideout-Hanzak** and T. Blankenship. 2013. Characteristics of stock-piled top soils in the western Rio Grande Plains. (poster). 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.

22) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and J.A. Ortega-S. 2013. Effects of tanglehead (*Heteropogon contortus*) invasion on ecosystem process in the Texas Coastal Sandsheet (poster). 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.

21) Toomey, A. S. **Rideout-Hanzak**, D.B. Wester and D. Ruppert. 2013. Season of prescribed burning on Old World Bluestems. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX.

20) Coston, M.C., D.B. Wester, F.B. Smith, P. Maywald, V. Acosta-Martinez, S. **Rideout-Hanzak** and T. Blankenship. 2013. Characteristics of stock-piled top soils in the western Rio Grande Plains. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX.

19) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and J.A. Ortega-S. 2013. Effects of tanglehead (*Heteropogon contortus*) invasion on ecosystem process in the Texas Coastal Sandsheet. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 November, 2013. Junction, TX.

18) **Rideout-Hanzak**, S., D.B. Wester and B.P. Oswald. 2013. Native Grassland Community Composition following the East Amarillo Complex Wildfires. 4th Fire Behavior and Fuels Conference. 1-4 Jul. 2013. St. Petersburg, Russia.

17) **Rideout-Hanzak**, S., R.V. Ross, P.S. Crump and S.E. Henke. 2013. The nose knows: Using a conservation dog to locate endangered Houston toads. Wildlife at the Edge: Managing at the

Urban-Wildland Interface. 49th Annual Meeting of the Texas Chapter of The Wildlife Society. Houston, TX. 21-23 Feb. 2013.

16) Edwardson, J. S. **Rideout-Hanzak** and D.B. Wester. 2013. Litter effects on tanglehead (*Heteropogon contortus*) seedling emergence: Implications for prescribed fire and tanglehead control. Wildlife at the Edge: Managing at the Urban-Wildland Interface. 49th Annual Meeting of the Texas Chapter of The Wildlife Society. Houston, TX. 21-23 Feb. 2013.

15) Grahmann, E., W. Frederick, M. Lesak, Z. Pearson and S. **Rideout-Hanzak**. 2013. Choosing Native or non-native plants for rangeland restoration plantings: A systems thinking approach. Rangeland Cup Competition. The Future of Rangeland Fire in a Changing World. Society for Range Management 66th Annual Meeting, Technical Training & Trade Show. Oklahoma City, OK. 2-8 Feb. 2013.

14) **Rideout-Hanzak**, S. and D.B. Wester. 2012. Slender Rush-pea (*Hoffmannseggia tenella*): Conservation through Management—A Case Study. Texas Society for Ecological Restoration Conference. Weslaco, TX. 2-4 Nov. 2012.

13) Edwardson, J. S. **Rideout-Hanzak** and D.B. Wester. 2012. Litter effects on tanglehead (*Heteropogon contortus*) seedling emergence: Implications for prescribed fire and tanglehead control. Texas Society for Ecological Restoration Conference. Weslaco, TX. 2-4 Nov. 2012.

12) Neessen, P., S. **Rideout-Hanzak**, D. Wester and G. Schuster. 2011. Soil and Vegetation Properties along a Salinity Gradient near Baffin Bay, Texas. 9th Annual Pathways Student Research Symposium, College Station, TX.

11) **Rideout-Hanzak**, S. and T. Oswald. 2010. The East Amarillo Complex survivors: Telling their stories. International Association of Wildland Fire, 2nd Human Dimensions of Wildland Fire Conference, San Antonio, TX.

10) Fultz, L., G. Sorensen, F. Cornejo, J. Moore-Kucera, S. **Rideout-Hanzak**, D. Wester. 2010. Short-term effects of prescribed burn frequency on rangeland soils. ASA, CSSA, and SSSA 2010 International Annual Meetings, 31 Oct.-4 Nov. Long Beach, CA.

9) Lim, S.H., J.M. Bowker, S. **Rideout-Hanzak**, H.K. Cordell, C.Y. Johnson, G.T. Green. 2007. Public Opinion on Wildland Fire and Fire Risk: An Examination of Socio-economic Factors. 13th International Symposium on Society & Resource Management, Park City, UT.

8) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak** and G. Perry. 2007. Life history and activity patterns of Texas horned lizards in the High Plains region of Texas: Preliminary results. From Incubation to Infancy: The (Re)Birth of a Region, Southwest Partners in Amphibian and Reptile Conservation. First Annual Meeting, Albuquerque, NM.

7) Waldrop, T.A., L. Brudnak, S. **Rideout-Hanzak.** 2007. Fuel loading across the southern Appalachian landscape. USDA Forest Service Southern Research Station All Scientist Meeting, Lake Lanier, GA. Meeting book; p. 133, and 2nd Fire Behavior and Fuels Conference, Destin, FL.

6) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak,** and G. Perry. 2006. Historia de Vida y Patrón de Actividades de las Lagartijas Cornudas Tejanas (Phrynosoma cornutum) en las Atlas Planicies de Texas: resultados preliminares. Mexican Herpetological Society annual meeting. Mexico.

5) **Rideout-Hanzak**, S., J.M. Bowker, H.K. Cordell, C.Y. Johnson, C.J. Betz, S. Lim and G.T. Green. 2005. Got trust? Nationwide survey results concerning public trust in government fuels and fire management, and preferences regarding fuels reduction methods. Tall Timbers 23rd Fire Ecology Conference. Fire in Grassland and Shrubland Ecosystems. Bartlesville, OK.

4) Waldrop, T.A. and S. **Rideout-Hanzak**. 2004. The use of hyperspectral imaging to estimate fuel loads in the southern Appalachians. USDA Forest Service, Southern Research Station, All Scientists Meeting. Atlanta, GA.

3) Waldrop, T.A., M.A. Callaham, Jr., S. **Rideout-Hanzak**, H.H. Mohr, R.J. Phillips, G. Chapman, C.T. Flint, Jr., L.A. Brudnak, M. Smith. 2004. Prescribed crown fires for stand replacement of Table Mountain pine: extreme or necessary? USDA Forest Service, Southern Research Station, All-Scientists Meeting. Atlanta, GA.

2) Waldrop, T.A., H.H. Mohr and S. **Rideout-Hanzak**. 2003. Fuels and fire behavior vary by fuel-

reduction treatment and landscape position. Second International Wildland Fire Conference. Orlando, FL.

1) Outcalt, K., D. Wade and S. **Rideout**. 2003. Restoring flatwoods longleaf communities: Results from long-term burning on the Osceola National Forest. Coastal Plains Chapter of Society for Ecological Restoration International Conference. Athens, GA.

## ***Presentations for Lay Audiences***

36) **Rideout-Hanzak**, S. 2023. Effects of Fire on Wildlife in Coastal South Texas. WOWE—World Outdoor Wildlife Expo, South Padre Island, Feb. 10, 2023.

35) **Rideout-Hanzak**, S. 2022. Prescribed fire effects on vegetation and wildlife in South Texas rangelands. CKWRI Board of Directors meeting. Tomas Ranch, 30 Sep.

34) **Rideout-Hanzak**, S. 2022. Prescribed fire effects on vegetation and wildlife in South Texas rangelands. CKWRI Partner Seminar and Reception. Club Giraud, San Antonio, TX. Sep. 2022.

33) **Rideout-Hanzak**, S. 2022. A Talk on the Wild Side podcast. Dick and Mary Lewis Kleberg College of Agriculture and Natural Resources faculty and staff meeting. August.

33) **Rideout-Hanzak**, S. 2022. A Talk on the Wild Side podcast. Harvey Weil Sportsman Conservationist Award banquet, TX. April.

32) **Rideout-Hanzak**, S. 2022. A Talk on the Wild Side podcast. Rotary Club of Corpus Christi, January 20, Corpus Christi, TX.

31) Coronado, A., A.M. Tanner, E.P. Tanner, and S. **Rideout-Hanzak**. 2021. Urban ecology – Texas tortoise project. Rio Grande Valley Chapter of Texas Master Naturalists, Harlingen, TX.

30) **Rideout-Hanzak**, S., D. B. Wester and R.Z. Zerlin. 2021. Prescribed fire and butterfly populations. Oso Bay Wetland Preserve. Corpus Christi, TX. Oct. 21, 2021.

29) Golembiewski, D.A., S. **Rideout-Hanzak**, V. Acosta-Martinez and D.B. Wester. 2019. Ecological restoration of frac ponds with topsoil management and native plants. Texas Section Society for Range Management Annual Meeting, 9-11 October, Kerrville, TX. 3MT.

28) **Rideout-Hanzak**, S. 2021. Using Prescribed Fire to Improve Wildlife Habitat. Texas Wildlife Association, 36th Annual Convention, July, San Antonio, TX.

27) Ávila Sánchez, J.S. and S. **Rideout-Hanzak**. 2019. Field tour of El Sauz Prescribed Burning Research Project. March 2019. Joint Board of Directors and Professional Advisors Meeting. El Sauz Ranch, TX.

26) Ávila Sánchez, J.S. 2019. Season of burn effects on composition of Gulf cordgrass communities. 3MT Competition. Texas Section Society for Range Management, October 2019, Kerrville, TX. M.S. student advised by S. **Rideout-Hanzak**.

25) Zerlin, R. 2019. The effects of prescribed fire on butterfly populations in coastal South Texas. 3MT Competition. Texas Section Society for Range Management, October 2019, Kerrville, TX. First Place winner. M.S. student advised by S. **Rideout-Hanzak**.

24) Ávila Sánchez, J.S. 2019. Long and short fire intervals: Vegetative effects in Gulf prairies and marshes. 3MT Competition. East Foundation, August 2019, Kingsville, TX. M.S. student advised by S. **Rideout-Hanzak**.

23) Cortez, Jr., J.G. 2019. Bulldozing to Reforesting: Habitat restoration efforts for the endangered ocelot. 3MT Competition. Texas Section Society for Range Management meeting, October 2019. 2nd Place Winner. M.S. student advised by S. **Rideout-Hanzak**.

22) Ávila Sánchez, J.S. 2018. Looking for water before fire. 3MT Competition. Texas Section Society for Range Management meeting, October 2018, Lubbock, TX. M.S. student advised by S. **Rideout-Hanzak.**

21) Cortez, Jr., J.G. 2018. Accelerating growth of ocelot thornscrub habitat. 3MT Competition. Texas Section Society for Range Management meeting, October 2018, Lubbock, TX. 2nd Place Winner. M.S. student advised by S. **Rideout-Hanzak.**

20) **Rideout-Hanzak**, S. 2018. Season of burning effects on gulf cordgrass. CKWRI Partner Seminar and Reception. San Antonio Country Club, San Antonio, TX. Sep. 2018.
19) Ávila Sánchez, J.S. 2018. Looking for water before fire. Video presentation for East Foundation 3 Minute Thesis competition. M.S. student advised by S. **Rideout-Hanzak.**
18) Haynes, V.L. 2017. Prescribed burning gulf cordgrass—A valuable practice to produce high quality forage for grazing. Video presentation for East Foundation 3 Minute Thesis competition. M.S. student advised by S. **Rideout-Hanzak** and J.A. Ortega-S. Honorable Mention award winner.
17) Ávila Sánchez, J.S. 2017. How does season of burning affect gulf cordgrass communities? Video presentation for East Foundation 3 Minute Thesis competition. M.S. student advised by S. **Rideout-Hanzak.**
16) Conkey, A.A.T., S. **Rideout-Hanzak**, E. Sanchez. 2017. Plants and insect-borne health risks in South Texas. Summer Safety Stand-down. Naval Air Station Kingsville. 25 May 2017.
15) **Rideout-Hanzak**, S. 2016. CKWRI & Prescribed Burning Research. South Texas Property Rights Association meeting.
14) **Rideout-Hanzak,** S. 2016. Lyme & other tick-borne diseases: What are our risks in Texas? CKWRI Seminar. Kingsville, TX. 29 Apr. 2016.
13) **Rideout-Hanzak,** S. 2015. Using prescribed burns in an IPM program. Texas Ag Industries, South Texas Regional Meeting, Kingsville, TX. 1 Oct. 2015.
12) **Rideout-Hanzak**, S. 2015. Restoration and Fire Ecology. Las Huellas. Rancho Viejo, Brownsville, TX. 18 Aug. 2015.
11) **Rideout-Hanzak,** S. 2015. Using prescribed fire to improve deer habitat in the Southern Great Plains. Webinar for Great Plains Fire Symposium. 17 Feb. 2015.
10) **Rideout-Hanzak,** S. 2014. Lyme & other tick-borne illnesses: What are our risks in Texas? CKWRI Seminar. Kingsville, TX. 23 Sep. 2014.
9) **Rideout-Hanzak**, S. 2014. Fire on the Landscape. CKWRI Partner Seminar and Reception. River Oaks Country Club, Houston TX. 30 Sep. 2014.
8) **Rideout-Hanzak**, S. 2014. Fire on the Landscape. Texas Quail Short Course, III. 20-21 Aug. 2014.
7) **Rideout-Hanzak**, S. 2013. Habitat restoration using prescribed fire. Wildlife without Borders-Mexico workshop. Kingsville, TX. 10-14 June 2013.
6) **Rideout-Hanzak**, S. 2012. Slender rush-pea research. NRCS E. "Kika" de la Garza Plant Materials Center and South Texas Natives Field Day. 25 Oct. 2012.
5) **Rideout-Hanzak**, S. 2012. Video interview for an exhibit about Careers in Science and Nature at the Perot Museum of Nature and Science. Dallas, TX. Sep. 22, 2011. Exhibit opened in 2012.
4) **Rideout-Hanzak**, S., A. Ortega-S., E. Redeker, A. Rasmussen. 2012. The Impact of Fire on Texas Habitats. San Antonio Livestock Exposition. 11 Feb 2012.
3) **Rideout-Hanzak**, S. 2012. Conducting prescribed burns safely and effectively. Prescribed Burns vs. Wildfire Panel Discussion. Texas Tech University, National Ranching Heritage Center, Lubbock, TX. 28 Jan. 2012.
2) **Rideout-Hanzak**, S. 2011. Fire Research. The Role of Fire in Range and Wildlife Management. Wild Turkey Federation, Coastal Bend Chapter. Victoria, TX. 10-12 March 2011.
1) **Rideout-Hanzak**, S. 2011. Televised interview about prescribed fire. KIII Morning News. Jan. 25, 2011.

## ***Unpublished Reports***

Blair, K., R., Gray, R. Hinnant, G. Pleasant, S. **Rideout-Hanzak** and C. Taylor. 2017. On the Issues of a Standardized Exam and Reduced Class Time for CIPBMP Education Component. Report to the Texas Prescribed Burning Board. 6 pp.

**Rideout-Hanzak**, S. and D.B. Wester. 2015. Plant Species Inventory and Vegetation Survey for Naval Air Station Kingsville, Kleberg County, Texas. Final Report to The U.S. Department of the Navy. Cooperative Agreement Number: W9126G-12-2-0028 between TAMUK and The U.S.

Department of the Navy. 39 pp.

**Rideout-Hanzak**, S. and D.B. Wester. 2015. Plant Species Inventory and Vegetation Survey for Dixie Annex, McMullen County, Texas. Final Report to The U.S. Department of the Navy. Cooperative Agreement Number: W9126G-12-2-0028 between TAMUK and The U.S. Department of the Navy. 27 pp.

**Rideout-Hanzak**, S. and D.B. Wester. 2015. Plant Species Inventory and Vegetation Survey for Naval Auxiliary Landing Field Orange Grove, Jim Wells County, Texas. Final Report to The U.S. Department of the Navy. Cooperative Agreement Number: W9126G-12-2-0028 between TAMUK and The U.S. Department of the Navy. 32 pp.

**Rideout-Hanzak**, S. 2015. Final Report on Rangeland Assessment for Pan American Presbyterian School. Submitted to Pan Am School. 38 pp.

**Rideout-Hanzak**, S. and D.B. Wester. 2014. Final Report: *Hoffmannseggia tenella* (Slender Rush-pea): Evaluating Competitive Effects and Management Techniques on an Endangered South Texas Species. Submitted to U.S. Fish & Wildlife Service. 47 pp.

Wester, D.B. and S. **Rideout-Hanzak**. 2011. Ecological Guidance and Standards for Utilization of Native Plant Species on U.S. Army Lands: Plant Species Suitable for Ecological Restoration. Final Report to: U.S. Army Corps of Engineers, Engineer Research and Development Center, Construction Engineering Research Laboratory, Agreement No. W9132T-10-2-0053 between Texas Tech University and U.S. Army Corps of Engineers. Published as Public Works Technical Bulletin 200-1-90: *Guidance on Native Plant Species Suitable for Ecological Restoration,* 40 pp.

## ***Funded Grants and Gifts (Total: $3,559,124.)***

49) Martin, Henke, **Rideout-Hanzak**, Hilton. 2024. Davis Mountain cottontail population assessment and risk management for rabbit hemorrhagic disease. Texas Parks & Wildlife Department. $809,000. 5 years.

48) Hewitt, Cherry, Falk, Heffelfinger, Hernandez, **Rideout-Hanzak**, E. Tanner. 2023. Hill Country Conservation and Management Program. $125,000. T. Leach.

47) Hewitt, Alexander, Cherry, DeYoung, Foley, Hernandez, Kuvlesky, Lowery, Martin, Mills, Perotto, Petracca, Pilehvari, Ramirez, Ren, **Rideout-Hanzak**, Sinha, et al. 2023. South Texas DAC Hub project. $335,553. 1PointFive.

46) **Rideout-Hanzak**, S. 2023. Donation to CKWRI Fire Ecology program. $500. G.A. Rasmussen.

45) **Rideout-Hanzak**, S. 2022. Donation to CKWRI Habitat and Rangeland Restoration. $1,000. B. and J. Miller.

44) **Rideout-Hanzak**, S. 2022. A Talk on the Wild Side podcast. Rotary Club of Corpus Christi Harvey Weil Sportsman Conservation Award. 1 July 2023 to 1 May 2024. $10,000. 1 year.

43) Henke, S. and S. **Rideout-Hanzak**. 2021. Translocation of Texas tortoises. NextDecade LNG. $5,000. 1 year.

42) **Rideout-Hanzak**, S. 2021. Donation to CKWRI Habitat and Rangeland Restoration. $125. J.G. Brooks.

41) **Rideout-Hanzak**, S. 2021. Donation to CKWRI Habitat and Rangeland Restoration. $666.67. M. van Es.

40) **Rideout-Hanzak**, S. 2021. Donation to CKWRI Habitat and Rangeland Restoration. $1,000. G. Curran.

39) **Rideout-Hanzak**, S. 2021. Donation to CKWRI Habitat and Rangeland Restoration. $500. W. and D. Pugh.

38) **Rideout-Hanzak**, S. 2021. Donation to CKWRI Habitat and Rangeland Restoration. $500. Di-Trol Systems, Inc.

37) **Rideout-Hanzak**, S., C.J. Anderson, R.R. Zerlin. 2021. A Talk on the Wild Side. Rotary Club of Corpus Christi Harvey Weil Sportsman Conservation Award. $100,000. 2.5 years.

36) **Rideout-Hanzak**, S. 2020. Donation to CKWRI Fire Ecology program. $2,500. T. Hunt.
35) **Rideout-Hanzak**, S., D.B. Wester, S.E. Henke, H. Perotto, E. Tanner, I. Hung, C. Eversole. 2020. Assessment of South Texas Loma Habitat for Texas Tortoise. Texas Parks & Wildlife Department. $193,264. 3 years.
34) Xi, Weimin, S. **Rideout-Hanzak**, and C. Edgar. 2019. Assessing impacts of exceptional drought on forests in East Texas: An analysis of tree mortality using FIA data and a forest drought model. USDA Evaluation Monitoring Program. $77,648. 3 years.
33) **Rideout-Hanzak**, S. and D.B. Wester. 2019. Donation to CKWRI Fire Ecology & Tanglehead programs. $10,000. for prescribed fire and tanglehead research.
32) **Rideout-Hanzak**, S. 2018. Donation to CKWRI Restoration & Habitat Program. The John G. & Marie Stella Kenedy Memorial Foundation. $1,000.
31) **Rideout-Hanzak**, S., D.B. Wester, and A. Ortega-S. 2018. Season of burning effects on vegetative communities and rangeland health on the East Foundation's El Sauz Ranch. East Foundation. $374,630. 4 years.
30) **Rideout-Hanzak**, S. 2018. Fueling the Monarch Migration through South Texas. TAMUK Service Learning. $8,300. 1 year.
29) **Rideout-Hanzak**, S. 2018. Donation to CKWRI Fire Ecology program. Stone Brothers. $1,500.
28) **Rideout-Hanzak**, S. 2017. Donation to CKWRI Fire Ecology program. G.T. Canales. $2,000.
27) **Rideout-Hanzak,** S., D.B. Wester, M. Tewes, F. Smith, D. Ruppert. 2017. Accelerating maturation of thornscrub habitat for ocelots. State Wildlife Grants. $99,680. 2.5 years.
26) **Rideout-Hanzak**, S., D.B. Wester, A. Ortega-S., and T. Fulbright. 2015. Comparison of seasonal burning on cordgrass community composition and livestock distribution on the East Foundation's El Sauz Ranch. East Foundation. $255,926. 3 years.
25) **Rideout-Hanzak**, S. 2014. Restoration of native plants and pollinators at South Pasture. Service Learning Course. TAMUK Service Learning Program. $10,000. 1 year.
24) Ruppert, D., S. **Rideout-Hanzak**, R. Stanko, S. Lukefahr, D.B. Wester and A. Ortega-S. 2013. Evaluating the ecological benefits of management-intensive grazing. $15,000. 1 year.
23) **Rideout-Hanzak**, S. Prescribed Burning Equipment. 2013. Title V-PPOHA Research Equipment mini-grant. $10,000. 1 year.
22) **Rideout-Hanzak**, S., A. Ortega-S, R. DeYoung, D. Hewitt, A.T. Conkey, F. Bryant, J. Villarreal. 2013. Capacity building for sustainable wildlife management on private lands in Mexico. USDI, Wildlife without Borders – Mexico. $25,000. for 1 year.
21) Wester, D.B., F. Smith, V. Acosta-Martinez, P.D. Maywald, S. **Rideout-Hanzak** and T.L. Blankenship. 2013. Restoration of mixed soils. Houston Area Research Consortium. $108,754. 2 years.
20) Wester, D.B., F. Smith, V. Acosta-Martinez, P.D. Maywald, S. **Rideout-Hanzak** and T.L. Blankenship. 2013. Effects of age and depth on topsoil properties and seed bank characteristics. Houston Area Research Consortium. $72,882. for 2 years.
19) **Rideout-Hanzak**, S. 2013. University Travel Grant. Texas A&M University-Kingsville. $500.
18) **Rideout-Hanzak**, S., R. Ross, P. Crump, S. Henke. 2012. Using trained search dogs to detect endangered Houston toads (*Bufo houstonensis*). Seeligson Conservation Fund. $2,500. 1 year.
17) Ortega, A., S. **Rideout-Hanzak**, D. Wester, T.M. Langschied and W.P. Kuvlesky, Jr. 2012. Biological resources inventory for rare, threatened, and endangered plants and birds at Naval Air Station Kingsville and associated properties. USDoD, Navy. $82,029. 2012-2014.
16) **Rideout-Hanzak**, S. and D.B. Wester. 2012. Effects of season of prescribed burning on invasive grasses of south Texas. The Rotary Club of Corpus Christi Harvey Weil Sportsman Conservationist Award. 1 year. $4,997.
15) Ortega, A., F. Bryant, T. Fulbright and S. **Rideout-Hanzak**. 2011. Effects of prescribed burning as maintenance treatment for roller chopped areas of mixed brush plant communities on herbaceous vegetation and invasive species. USDA, Natural Resources Conservation Service. $70,716.00.

14) **Rideout-Hanzak**, S. and D.B. Wester. 2011. Survey of soil salinity and native range vegetation at Site 55. Texas A&M University-Kingsville, Associate Vice-President for Research. $9,963.
13) Wester, D.B. and S. **Rideout-Hanzak**. 2010. Ecological guidance and standards for utilization of native plant species on U.S. Army lands: Plant species suitable for ecological restoration. U.S. Army Corps of Engineers, Engineer Research and Development Center, Construction Engineering Research Laboratory. $30,000.
12) Masters, R., S. **Rideout-Hanzak**, B. Oswald, R. Gray. 2009. AFE 4th International Fire Ecology and Management Congress: Fire as a Global Process. Joint Fire Science Program. $35,000.
11) Gipson, P., S. **Rideout-Hanzak**, M.C. Wallace, D.B. Wester , B.M. Knudsen. 2008. Population Assessments of feral hogs in the Upper Brazos watershed: Part 1: Preliminary mapping of abundance and distribution. Houston Livestock Show & Rodeo. $25,375.
10) Perry, G., S. **Rideout-Hanzak**, D.B. Wester. 2008. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards at Camp Bowie. Texas Army National Guard. $60,082.
9) Perry, G., S. **Rideout-Hanzak**, D.B. Wester. 2008. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards – TANG. Texas Army National Guard. $5,000.
8) Dabbert, C.B., D. Wester, S. **Rideout-Hanzak**. 2008. Grassland bird response to patch burning and grazing on sand sagebrush-mesquite rangeland. Texas Parks and Wildlife Department. $144,886 for 3 year project.
7) **Rideout-Hanzak**, S., D.B. Wester and D. Schwilk. 2008. Evaluation of woody plant communities two years after the East Amarillo Complex wildfires. Texas Tech University, Vice President for Research. $34,507/1 year.
6) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, C. Boal, H. Whitlaw. 2006. Vegetation, soil and avian responses to the East Amarillo Complex Wildfires of the Texas panhandle: Management Implications. USDA Natural Resources Conservation Service, Fish and Wildlife Conservation Grants. $199,910 for 3 year project.
5) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, C. Boal, H. Whitlaw. 2006. Vegetation, soil and avian responses to the East Amarillo Complex Wildfires of the Texas panhandle: Management Implications. Texas Parks and Wildlife Department. $45,000 at $15,000/year for 3 years.
4) **Rideout-Hanzak**, S. 2006. Threeawn (*Aristida* spp.) responses to burn barrel simulations of prescribed fire. Texas Tech University, College of Agriculture and Natural Sciences. $7,500.
3) Bowker, J.M., G.T. Green, C.Y. Johnson and S. **Rideout**. 2001. A Social Assessment of Public Knowledge, Attitudes and Values Related to Wildland Fire, Fire Risk and Fire Recovery. Joint Fire Sciences Program. $103,000/3 years.
2) Oswald, B.P. and S. **Rideout**. 1999. Vegetative response and restoration ecology as a result of prescribed burning in Bastrop State Park. Texas Parks and Wildlife. $5,000/2 years.
1) Oswald, B.P. and S. **Rideout**. 1999. Vegetative response and restoration ecology as a result of prescribed burning in four Texas state parks. Texas Parks and Wildlife. $10,320/2 years.

### ***Pending Grants***

none pending

## Teaching Experience

**Professor,** Texas A&M University-Kingsville Sep. 2019 to present
Department of Rangeland and Wildlife Sciences.
**Associate Professor,** Texas A&M University-Kingsville Sep. 2013 to Aug. 2019
**Assistant Professor,** Texas A&M University-Kingsville Aug. 2010 to Sep. 2013
Department of Animal, Rangeland and Wildlife Sciences. Graduate and undergraduate courses.

Courses taught:

| | | | |
|---|---|---|---|
| WSCI 6320 | Restoration & Fire Ecology | WSCI 6320 | Prescribed Burning |
| WSCI 6325 | Fire Ecology | WSCI 6345 | Restoration Ecology |
| RWSC 3390 | Prescribed Fire | RWSC 2323 | Principles of Range Management |
| RWSC 3310 | Wildlife Techniques | RWSC 2330 | Principles of Wildlife Management |
| RWSC 3380 | Rangeland Improvements | RWSC 1110 | Introduction to Wildlife Professions |
| RWSC 4319 | Methods in Rangeland Ecology | | |

**Assistant Professor,** Texas Tech University Aug. 2005 to Aug. 2010
Department of Natural Resources Management. Teach graduate and undergraduate Prescribed Burning and Fire Ecology courses, as well as undergraduate Introductory Wildlife and Seminar courses. Founding sponsor of TTU chapter of Student Association for Fire Ecology.

Courses taught:

| | | | |
|---|---|---|---|
| NRM 4304 | Fire Ecology and Management | NRM 3323/5323 | Prescribed Fire |
| NRM 5304 | Fire Behavior and Ecology | NRM 4100 | Seminar |
| NRM 2301 | Introductory Wildlife Management | IS 1100 | Tech Transition seminar |

**Instructor,** Stephen F. Austin State University Aug. 1998 to Dec. 1999
Arthur Temple College of Forestry, Nacogdoches, Texas. Taught FOR250 Introduction to Forest Recreation. Required course for forestry undergraduates. Researched and planned curriculum, taught lectures and weekly labs, prepared all course materials, evaluated all student assignments and tests, assigned grades. Customized lessons with Power Point software.

**Graduate Teaching Assistant,** Stephen F. Austin State University Jan. 1998 to May 1998.
Arthur Temple College of Forestry, Nacogdoches, Texas. Teaching Assistant for FOR250 Introduction to Forest Recreation. Taught weekly labs, administered exams, graded papers.

## ***Graduate Student Chairperson and Committees***

**Texas A&M University-Kingsville, CKWRI and RWS unless otherwise noted:**
*Graduate Committee Chair, in progress:*
1. Ethan Bennie, M.S. co-chair with T. Falk. Expected completion Dec 2025. Phenology of native grasses in South Texas.
2. Forrest Fay, M.S. Expected completion Dec 2024. Comparing summer and winter burning on nearest-neighbor herbaceous plant communities in coastal South Texas.

*Graduate Committee Chair, completed:*
8. Juan Elissetche, M.S. Aug 2024. Assessment of clay loma vegetation and suitability as Texas tortoise habitat.
7. Rebecca Zerlin. M.S. Dec. 2022. Effects of prescribed burning on butterfly populations in coastal South Texas.
6. José G. Cortez, Jr. M.S. Aug. 2021. Accelerating maturation of thornscrub habitat for ocelots.
5. José Silverio Ávila-Sánchez. M.S. Dec. 2019. Comparing summer and winter burning on vegetative composition in gulf cordgrass communities.
4. Victoria Haynes, co-chair with A. Ortega-S. M.S. May 2018. Effects of seasonal patch burning in gulf cordgrass rangelands on livestock preference and utilization.
3. Ashley McCloughan. M.S. August 2015. *Hoffmannseggia tenella* (slender rush-pea): Understanding

the community diversity and competitive effects of an endangered South Texas species.
2. Adam Toomey. M.S. August 2015. Effects of seasonal prescribed burning on Kleberg bluestem (*Dicanthium annulatum*) in South Texas.
1. Jeremy Edwardson. M.S. May 2013. Tanglehead seedling competition and growth: A greenhouse study.

*Graduate Committee member, in progress:*
1. Micayla Pearson, M.S., Restoration of solar farm properties
2. Rachel Walters, M.S. Prescribed fire effects on tick populations and tick-borne diseases in southern Texas.

*Graduate Committee member, completed:*
16. Christin Moeller, M.S. Aug 2024. Is translocation a viable conservation strategy for Texas tortoises? CKWRI and RWS.
15. Roshan Bhatta, M.S. May 2024. Changes in tree survival, growth, and carbon dynamics in response to exceptional drought in East Texas forests. Dept of Biological and Health Sciences, TAMUK.
14. Nicholas Dewez, M.S. May 2023. Effects of the exceptional drought of 2011 on National Forests in East Texas. Dept of Biological and Health Sciences, TAMUK.
13. Brianna Slothower. M.S. May 2022. Native Seed Burial and Cover Crop Considerations for Rangeland Restoration. CKWRI and RWS.
12. Emily Bishop. M.S. May 2022. Restoration of a retired ranch to tallgrass prairie utilizing 30 varieties of native species and the the soil seed bank. CKWRI and RWS.
11. Rider Combs. M.S. Dec. 2021. Response of tanglehead (*Heteropogon contortus*) expansion to prescribed fire and cattle grazing and a pilot study to estimate crude protein in tanglehead using unmanned aerial vehicles in semi-arid rangelands. CKWRI and RWS.
10. Dustin Golembiewski. M.S. Dec. 2021. Ecological restoration of frac ponds with topsoil management and native plants. CKWRI and RWS.
9. Tilak Chaudhary. M.S. Dec. 2021. The coupled effects of exceptional drought and climate change on forest structure, tree diversity, and aboveground Biomass in east Texas, USA. Department of Biological and Health Sciences.
8. Alexandria DiMaggio. M.S. Aug. 2021. Long-term response of tanglehead (*Heteropogon contortus*) to prescribed burning and cattle grazing and forage standing crop estimation from unmanned aerial systems in semi-arid rangelands. CKWRI and RWS.
7. Nereyda Cantu. Ed.D. Dec 2020. Factors that influence school choice: A look at parents' and school leaders' perception. Department of Education.
6. Chase Walther. M.S. Dec 2019. Long-term response of tanglehead (*Heteropogon contortus*) to prescribed burning and cattle grazing. CKWRI and RWS.
5. Samantha Wolfe, M.S. May 2018. Habitat associations of migratory birds in South Texas.
4. Jose Mata, M.S. Dec. 2017. Assessing landscape-level tanglehead dynamics and their effect on northern bobwhite habitat. CKWRI and RWS.
3. Joshua Grace, Ph.D. Dec 2016. Effects of invasive grasses on ecosystem processes along an invasion gradient in South Texas, USA. CKWRI and RWS.
2. Mukti Subedi, M.S. Aug. 2016. Evaluating geospatial distribution of drought, drought-induced tree mortality and biomass loss in East Texas, USA. Department of Biological and Health Sciences.
1. Mylea Lovell, M.S. Aug. 2015. Characteristics of stockpiled topsoil in the Western Rio Grande Plains. CKWRI and RWS.

**Texas Tech University, Dept. of Natural Resources Management:**
*Graduate Committee Chair or Co-chair, completed, 3 total:*
Micah-John Beierle. M.S. Dec. 2012. (Original chair, became co-chair after leaving TTU per regulation) Biophysical and human characteristics of wildfire ignition in the Shortgrass Prairie

Region of Texas.
Grant Sorensen. M.S. May 2010. co-chair. Summer and winter burn effects on warm season grasses in the Southern Great Plains.
Emily Henry. M.S. Dec. 2009. co-chair. Ecology, home range, and habitat selection of the Texas horned lizard (*Phrynosoma cornutum*) in the Southern High Plains of Texas.

*Graduate Committee member, completed, 7 total:*
Warren, Thomas. M.S. Dec. 2014. Northern bobwhite population response to the East Amarillo Complex wildfire.
Yancey, Sean M. M.S. Aug. 2013. Grassland bird response to patch burning-grazing in a sand sagebrush-mesquite rangeland.
Leobardo Richarte-Delgado. M.S. May 2012. Fire and clipping effects on purple threeawn (*Aristida purpurea*) during three phenological stages.
Yi-Fang Chou. M.S. May 2011. The effects of smoke water and heat shock on seed germination of shortgrass prairie species.
Tony Roberts. M.S. May 2009. Effects of the East Amarillo Complex on avian communities.
Miguel Luna. Ph.D. May 2009. Burning season effect on four Southern Chihuahuan desert plants.
Jose Villanueva. Ph.D. May 2007. Effect of different defoliation patterns on forage productivity, morphology and carbohydrates.

**Clemson University,** *Graduate Committee Member, completed, 2 total:*
Bransford, Jeffery J. M.S. May 2005. Understanding the attitudes of south Florida residents towards the Comprehensive Everglades Restoration Plan using market segmentation. Dept. of Parks, Recreation and Tourism Management.
Stottlemyer, Aaron D. M.S. May 2004. Fuel characterization of the Chauga Ridges Region of the Southern Appalachian Mountains. Department of Forestry and Natural Resources.

## ***Undergraduate Advising***

**TAMUK Research Advisor:**
2024. Advised Leah Ramos, Summer Aguilar in research projects.

2023. Advised 7 undergraduate students in research projects: Meghan Anderson, Clarissa Saenz, Joshua Allison, Sydney Pate, Isabella Ruis, Gabriella Olivas, and Leah Ramos in research projects.

Katelyn Allred. 2016. Effects of prescribed fire on digestible energy of gulf cordgrass and seacoast bluestem.

Employ between 2 and 6 undergraduate students annually from 2010 to 2023.

Career advisor for approximately 20-25 undergraduates annually from Fall 2013 to present.
Course and career advisor for approximately 25 undergraduates annually from Fall 2010 to Fall 2013.

**TTU, Dept. of Natural Resources Management, Undergraduate advisor:**
Course and career advisor for approximately 25 undergraduates annually from 2005 to 2010.

## Paid Editing Services

Atomic 90. 2021. Mashal, A., and M. Mashal. Independently published book. 103 pp. Edited for style and grammar.

## Paid Wildland Fire Consulting

Smokehouse Creek wildfire. 2024. Consultant to Susman Godfrey, LLP, Houston, TX. Wildfire effects on herbaceous plants, forage production, and wildlife habitat.

Smokehouse Creek, Reimer, Windy Deuce, Juliet Pass wildfires. 2024. Consultant to Lovell, Farabaugh and Isern, Amarillo, TX. Wildfire effects on herbaceous plants, forage production, and wildlife habitat.

Rankin Ranch Road wildfire. 2017. Consultant to Uhl, Fitzsimons, Jewett and Burton. Spring 2017 wildfire effects on woody plants on ranch in Texas panhandle.

Rideout-Hanzak, S. and D.B. Wester. 2011. Effects of summer burning on slender rush-pea (*Hoffmannseggia tenella*). USDI Fish & Wildlife Service.

Bastrop County Wildfire. 2011. Consultant to Carlson, Calladine and Peterson, LLP. Effects of the Bastrop County wildfire on ecosystem services.

Wildfire. 2008. Consultant to City of Lubbock in re: B. White vs. City of Lubbock. Rangeland damages estimation of wildfire in the Texas high plains.

Borger Wildfire. 2006. Consultant to Haynes and Boone law firm, Fort Worth, in re: No. 9840, Burnett Ranches, et al. vs. Cano Petroleum. Cause and origin, Fire behavior modeling on wildfire in Texas panhandle.

## Special Skills, Certifications, and Training

**Association for Fire Ecology**, Certified Senior Wildland Fire Ecologist, March 1, 2014.

**Texas Certified and Insured Prescribed Burn Manager program**:
Lead Instructor, Texas Certified and Insured Prescribed Burner Certification course, since March 2012.
Texas Prescribed Burner Certification course completed, Dec 6, 2008.

**National Wildfire Coordinating Group (NWCG) certifications:**

S-212 Wildfire Powersaw, 2003
S-390 Introduction to Wildland Fire Behavior Calculations, 2001
BEHAVE and Rx Windows, 2001
S-290 Intermediate Wildland Fire Behavior, 2000
S-130/190 Fire Fighter Training, and Intro to Wildland Fire Behavior (red card), 1999

**Short courses and workshops completed:**
USDA NRCS Plant Party, Vegetation Monitoring Tools, June 2024.

Discovery Learning Session. Panopto, Lightboard and VR Technologies. TAMUK Distance Learning & Instructional Technology, March 2022.

How Can Disruptive Innovation Impact STEM Education. February 2022.

Distance Education Certification using Blackboard. TAMUK Distance Learning & Instructional Technology, June 2020.

Women in Leadership Conference. Texas A&M University-Kingsville Women's Leadership Council. Kingsville, TX 18 April 2019.

CITI Collaborative Institutional Training Initiative:

IRB (Human Subjects), Students in Research and Belmont Report, 15 Apr. 2013.
Working with the IACUC, October 15, 2012.
Working with Amphibians in Research Settings, October 15, 2012.

Access I. Texas Tech University, September 2008.
Access II. Texas Tech University, September 2008.

USDA, CSREES Grant Writing Workshop. Oct. 2007. Denver CO.

Courses taught by Texas Tech University, Teaching, Learning and Technology Center:
Zen and the Art of Powerpoint, 2007
FrontPage: Basics, 2006
WebCT: 2005: I: Basic Training
II: Communication Tool
III: Creating Content Modules
IV: Using the Quiz Tool

Write winning grants (NSF focus). Grant writing seminar, Texas Tech University, April 11, 2008.
Write winning grants (USDA focus). Grant writing seminar, Texas Tech University, April 17, 2006.

Model Selection and Multi-model Inference: A practical information-theoretic approach. David Anderson. Colorado State University, February 2006.

Using PC-ORD to Analyze Multivariate Data, University of Minnesota, Dept. of Forest Resources, August 2004.

Blackboard software courses by Clemson University Educational Technology Services:
Introductions: Getting Started, August 2004.
Course Building: Adding content to your course, August 2004.
Assessments: Gradebook Basics, August 2004.
Assessments: Creating Online Tests and Assignments, September 2004.
Assessments: Extending Blackboard's Gradebook, September 2004.
Communications: Discussion Boards, Chats and Virtual Classrooms, September 2004.

Other courses and workshops by Clemson University Education Technology Services:
Digital Photography as a Teaching Tool, February 2005.
How to Get Students to do the Writing, February 2005.
Fast and Fair Methods to Grade Writing, February 2005.
Teaching your Students how to Read Academic Material, February 2005.
Creating a persona that commands classroom civility, January 2005.
Introduction to Breeze Live, October 2004.
Every voice heard: Technology serving class participation needs, August 2004.
Access 2002 Levels 1 and 2, October and November 2003.

Quality Deer Management Workshop, Plum Creek Timber Company, July 2003.

Florida Inter-Agency Prescribed Burner Certification course, December 2001.

Maximize Pine Growth with Herbicide, Warnell School of Forest Resources, University of Georgia, October 2001.

**Software skills:**

Experienced with RAP, VSMOKE, BEHAVE Plus, FARSITE, Excel, Access, SPSS, SAS, HoboWare, PC-ORD, PowerPoint, Word, Word Perfect, Blackboard, WebCT.

## Honors and Awards

Texas Section of The Wildlife Society. Best Electronic Media 2024 for: A Talk on the Wild Side podcast.

Society for Range Management, Texas Section: Best Popular Article 2018 for: Wester, D.B., F.C. Bryant, A.D. Tjelmeland, J.L. Grace, S.L. Mitchell, J.T. Edwards, F. Hernández, R.K. Lyons, M.K. Clayton, S. Rideout-Hanzak, R.V. Machen and J. Alfonso Ortega-S. 2018. Tanglehead in southern Texas: A native grass with an invasive behavior. *Rangelands* April:37-44.

Jewish National Fund: Faculty Fellowship Program in Israel, 26 May – 11 June 2018. Competitive fellowship.

Texas A&M University-Kingsville:
Sponsored Research Merit and Compliance Award, 2013. ($233.76 award).
Dick & Mary Lewis Kleberg College of Agriculture, Natural Resources and Human Sciences: 2012 Junior Teacher Award

Academic Keys, selected for inclusion in Who's Who in Agriculture Higher Education, 2012.

Texas Tech University:
Alumni Association, 2010, New Faculty Award Winner ($500.00 award) one of 8 recipients campus wide.

College of Agricultural Sciences and Natural Resources:
2008 Master Teacher Award, one of 12 recipients in the college
2008 Nominee for AASCARR Distinguished Young Educator Award
2008 Nominee for USDA Excellence in College and University Teaching in the Food and Agricultural Sciences New Teacher Award

Association for Fire Ecology, Superior Service Award, 2009. *In recognition of your incredible leadership as Chair of the 2009 Fire Congress in Savannah, Georgia.*

Member of *Sigma Xi* (The Scientific Research Society) since 2006.

USDA Forest Service, Spot Award, September 2004 ($765.11 performance award).

National Association for Interpretation Region VI Scholarship, 1999-2000 ($300.00 award for academic excellence, and paid registration to regional conference in Hot Springs, Arkansas).

Block Book Award, The Park People, Inc., Houston, Texas, 1998-1999.
Block Book Award, The Park People, Inc., Houston, Texas, 1999-2000.
($500.00 award each year for academic excellence in natural resources).

Graduate Student Scholarship, Arthur Temple College of Forestry, SFASU, 1998-1999 ($1,000.00 tuition assistance for academic excellence).

Graduate Student Scholarship, College of Forestry, SFASU, 1994-1995 ($500.00 tuition assistance for academic excellence).

Member of *Xi Sigma Pi* (the National Forestry Honorary Society) since 1994.

## Professional Organization Memberships

Association for Fire Ecology: Charter member since 2000
The Wildlife Society: Member since 2013
Texas Chapter of The Wildlife Society: Lifetime member since 2013
Natural Areas Association: Member 2017-2022
Society for Range Management: Member since 2006
The Scientific Research Society, (*Sigma Xi*): Member since 2006
International Association for Wildland Fire: Member since 2010
Society of American Foresters: Member 1998-2003
National Association for Interpretation: Member 1994-1999
National Forestry Honor Society, (*Xi Sigma Pi*): Member since 1994

## Professional and Community Service

**Editor, Caesar Kleberg Wildlife Research Institute (Constitutes 50% of professional appointment):** Solicit and edit written submissions and photos, design complete layout from cover to cover in InDesign software, update the layout and look to be more appealing to the reader, solicit original artwork, solicit printing bids, provide printer with print-ready files, check and approve final proofs for printing for:

- Quarterly Newsletters, 4 pages each. 2021, 2022, 2023
- Annual Current Research Report, 2021 (104 pp), 2022 (112 pp), 2023 (108 pp)
- Management Bulletin on Chronic Wasting Disease, 2021, 8 pages

**Instructor, Texas Certified and Insured Prescribed Burn Manager courses:**
Matagorda County, CIPBM course, May 29-June 1, 2023. Spread Oaks Ranch, Markham, TX.

Calhoun County, CIPBM course, May 25-28, 2020. Port Lavaca, TX.

KRIRM, Gus T. Canales Lectureship on Prescribed Burning, and Continuing Fire Training (CFT) Workshop for Certified Prescribed Burn Managers:

Aug 2-Aug 5, 2021. Kingsville, TX. Lead Burn Instructor. Co-Instructors: A. Rasmussen, M. Clayton, J.S. Ávila Sánchez.
July 29-Aug 1, 2019. Kingsville, TX. Lead Burn Instructor. Co-Instructors: A. Rasmussen, S. Deiss, J.S. Ávila Sánchez.
July 31-Aug 3, 2017. Kingsville, TX. Lead Burn Instructor. Co-Instructors: A. Rasmussen, K. Feuerbacher, S. Deiss.
Dec. 15-18, 2014. Kingsville, TX. Co-Instructor: A. Rasmussen.
Jan. 2013. Kingsville, TX. Co-Instructor under L. Drawe, and W. Hanselka, LBIs.
Jan. 3-6, 2012. Kingsville, TX. Co-Instructors under L. Drawe, W. Hanselka, LBIs

CKWRI, Region 5 Certified and Insured Prescribed Burn Managers Course. Co-Instructor. 11-14 Aug. 2014. Plus: Region 5 One-day Continuing Fire Training (CFT) for TPWD Certified Prescribed Burn Managers. Instructor. 11 Aug. 2014. Kingsville, TX.

Welder Wildlife Foundation & Coastal Bend Prescribed Burning Association, Prescribed Fire School. Co-Instructors: L. Drawe, W. Hanselka, A. Rasmussen, S. Rideout-Hanzak, Feb. 2014. Sinton, TX.

Region 5 One-day Continuing Fire Training (CFT) for TPWD Certified Prescribed Burn Managers. Instructor. 2 Aug. 2013. Victoria, TX.

**Texas Certified and Insured Prescribed Burn Manager program:**

Lead Burn Instructor, 2010 to present.
Chaired committee and wrote white paper to Texas Prescribed Burn Board on revising the mandatory hours and creating a standardized exam for the burn manager's program education requirement. 2017.
Lead Instructors group, Online education committee member, 2012-13.
Region 5 contact, 2013 to present.

**Texas Prescribed Fire Council:**

Board Member (elected) 2023-2025.
Secretary (elected) 2023, 2024.

Member of the Education and Outreach committee, 2019 to 2020.

Invited participant in the organizational meeting of the TPFC, February 12, 2019. Member of the Interim Steering Committee that followed which created the organization goals, committee structure, and by-laws, Spring 2019. By-laws were adopted and the Council was created May 21, 2019.

**SAFER (Student Chapter of Association for Fire Ecology and Restoration):**

Chapter Adviser, 2020-present.

**Texas A&M University-Kingsville committees:**

University: 2023-2025. TAMUK Faculty Senate, Departmental Representative
2022-2024. College Representative, Undergraduate Program Review
2020-2021. Quality Enhancement Plan (QEP) Advisory Committee
2019-2020. Administrator Evaluation Committee, Faculty Senate Appointment
2017-2018. Administrator Evaluation Committee, Faculty Senate Appointment
2016-2018. Calendar Committee
2015-2017. International Exchange Education Fund Scholarship Committee
2014. COE Eagle Ford Center for Research, Education and Outreach Internal Advisory Board member.
2011. University Safety Committee

College: 2021. Department Chair Search Committee—Member
2018-2019. Soil Scientist Search Committee—Member
2016-2018. Scholarship Committee
2012. Freshman Fajita Fiesta, College Faculty Team
2010, -11, -13. AgOlympics Planning Committee

Department: 2023-2025. Mentoring Committee for L. Petracca
2022-2024. New Faculty Mentoring Task Force
2019. Department Promotion Committee—Chair

2017-2018. Stedman Chair Search Committee—Member
2017. Society for Range Mgmt Accreditation Committee—Member
2014. Departmental Tenure Continuation Committee—Chair
2013-2014. CKWRI GIS Specialist Search Committee—Member
2011, 2012. Wildlife Education Specialist Search Committee—Chair

CKWRI: 2019-2020. Scholarship committee—Member
2019. Stedman Chair search committee--member

**TAMUK JCAT club:** co-advisor of Javelina Cat Advocate Team. 2024.

**Thornforest Conservation Partnership**
Scientific Advisory Committee, 2018 to 2020.

**Texas Prescribed Burn Board:**
Meeting coordinator, Kingsville, TX. February 2022.
Advisory Board Member, appointed 2013.
Subcommittee Member: Chapters 75 and 82, Civil Practice and Remedies code, 2014.
Member (state legislative appointment), August 2006 to 2010.

**Association for Fire Ecology** (international society)
Program Committee member: 7th International Fire Ecology and Management Congress, November 2017, Orlando, FL.
Steering Committee Chairperson: 6th International Fire Ecology and Management Congress, 16-20 Nov. 2015, San Antonio, TX.
Reviewed abstracts for Human Dimensions session, Aug. and Sep. 2015
Steering Committee Member: 5th International Fire Ecology and Management Congress, 3-7 Dec. 2012, Portland, OR.
Board of Directors:
Vice-President 2009 and 2010.
Board Member 2007 to 2010.
Board Secretary 2003.
Steering Committee Chair: 4th International Fire Ecology and Management Congress, Fire as a Global Process. 30 Nov. - 4 Dec. 2009. Savannah, GA.
Conference Committee Member 2007-2011, Chair 2010.
Founding Sponsor: Student Association for Fire Ecology, TTU chapter, 2006 to 2010.
Session Moderator, Fire Ecology Session and Student Poster Judge. Fire in the Southwest Conference. Tucson, AZ. 2008.

**Adjunct Faculty:**
Stephen F. Austin State University, Arthur Temple College of Forestry and Agriculture, 2004 – present.

**Society for Range Management:**
RSEC Committee Member, TAMUK representative, 2010 to present.
Publicity Committee Member, Texas Chapter, 2006 to 2010.

**Wildland Fire Litigation Conference Faculty:**
2012: Presenter. Uses and limitations of fire behavior modeling programs in fire litigation. April 2012.

2011: Session Moderator for two panel discussions. Panel discussion No. 1—Conditions under

which Wildfires are Beneficial. Panel discussion No. 2—Conditions under which Wildfires are Harmful. San Diego, CA.

**Peer Reviewer:**

U.S. National Vegetation Classification (USNVC), Texas vegetation, July 2023.
USDA, proposals for funding, August 2012.
TAMUK, Vice-President for Research, proposals for funding, August 2012.
Joint Fire Sciences, proposals for funding, Boise, Idaho, January 2004.

**City of Kingsville:**

Volunteer planning committee member for new Kingsville Nature Center, summer/fall 2023.
Consultation on environmental effects of brush control treatments, Dec. 2011.

**Ad Hoc Reviewer:** *Fire, Fire Ecology, Forests, Castanea, Natural Areas Journal, Forestry, Southern Journal of Applied Forestry, Arizona-Nevada Journal of Science, Rangeland Ecology and Management*, *Journal of Environmental Management, Wildlife Society Bulletin, Journal of Environmental Quality* and *Journal of Field Ornithology.*

**Statewide Council of Prescribed Burn Associations**. 2011 to present. Honorary Member.

**Texas Tech University Committees:**

Department of Natural Resources Management Scholarship Committee, 2005-2010.
College of Agricultural Sciences and Natural Resources Scholarship Committee, 2005-2008.
College of Agricultural Sciences and Natural Resources Dean's search, 2007 to 2008.
Department of Natural Resources Management Chair search, 2007.

**Guest speaker:**

TAMUK: BIOL, Zoonotics Course, Tick-Borne illness in Texas, Spring 2019,
BIOL, Ecology of Diseases course, Tick-Borne illness in Texas, Fall 2019.
RWSC 3310 Wildlife Mgmt Techniques, Conducting a Prescribed Fire, 2011-2018.
UNIV 1110, Conducting a Prescribed Fire, Spring 2018
Human/Wildlife Conflicts course. Taught about tick-borne illnesses. Fall 2014.
AGRI Weeds course. Taught two weed identification labs. Spring 2014.
RWSC Wildlife Capstone, Princ. of Range, Rx Fire, and Range Methods. Spring & Fall 2012-2018, Fall 2011.
AGRI 4328, Plant Disease and Pest Control, Fire and Insects, Nov. 2011.
Santa Gertrudis Middle School, Local Endangered Species, May 2019.
Texas Tech University, NRM 2301, Fire as a conservation and management tool, March 2009.
Prescribed Fire & Quail, Quail Field Day, May 2007.
Honors environmental science class, Fire Ecology lecture, April 2006.
Upward Bound Program, Fire Ecology, July 2006.
Range Management class, Fire Ecology, spring 2006.
Texas Prescribed Fire certification course, Clarendon College, April 2008 and March 2007.
Texas Parks & Wildlife Department, Prescribed Burning workshop, Matador WMA, Feb. 2008 and Feb. 2007.
Texas Master Naturalists, Plains chapter, Lubbock, 2006.
Ecological Concepts and Forest Ecology lectures

**Judge:** Santa Gertrudis School Science Fair, Jan. 2020, 2019, 2018, Dec. 2016, Jan. 2016, 2015
Ricardo Elementary Science Fair, January 2013 & Dec. 2011
TTU Association of Biologists, Graduate Forum Review, April 2006

**School Health Advisory committee:** member, Santa Gertrudis School, 2014-2018.

**Associate Editor:** *Fire Ecology,* 2009 to 2013.

**Video Interviews:**
About current wildfire situation in South Texas for KIII television news, March 2022.
About my career in fire ecology for an exhibit in the Perot Museum of Natural History, June 2012
About using a conservation dog to locate Houston Toads, documentary by Alison Weeks, April 2014.

**Phone Interview:** on effects of recent wildfires for April 2011 issue of The Cattleman by Lorie Cantu, Feb. 3, 2011

**Texas Chapter Society for Ecological Restoration:**
Session moderator, Fire effects on wildlife. 11th Annual Conference, Hunt, TX. 2006.
Planning Committee, 12th Annual Meeting, June 2007.

**Volunteer Consultant:** Edwards Middle School, Clemson, South Carolina, Reforestation project, 2003.

**Member:** Georgia Prescribed Fire Council, 2001.