

Sandra Rideout-Hanzak

Certified Senior Wildland Fire Ecologist, AFE

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Formal Education

- Ph.D.** 2001, Forestry, Stephen F. Austin State University, Nacogdoches, TX
Arthur Temple College of Forestry
Dissertation: *Short-term ecological effects of and visitor attitudes toward prescribed burning in four East Texas state parks.*
Co-advisors: Brian P. Oswald and Michael H. Legg
- M.S.F.** 1997, Forestry, Stephen F. Austin State University, Nacogdoches, TX
Arthur Temple College of Forestry
Thesis: *Use of focus groups to discover issues, desires, and concerns of the public for planning at the Fort Worth Nature Center and Refuge.*
Advisor: Michael H. Legg
- B.A.** 1987, Health & Safety Education, Latin Minor, Ball State University, Muncie, IN

Employment History

Professor and Research Scientist, Texas A&M University-Kingsville, Sep. 2019 - present
Dept. of Rangeland and Wildlife Sciences and Caesar Kleberg Wildlife Research Institute. Teach graduate and undergraduate courses, conduct research on restoration of degraded ecosystems and fire ecology.

Associate Professor and Research Scientist, Texas A&M University-Kingsville, Sep. 2013 – Sep. 2019
Same as above. Tenured Sep. 2013.

Assistant Professor and Research Scientist, Texas A&M University-Kingsville, Aug. 2010 - Sep. 2013
Same as above.

Assistant Professor, Texas Tech University Aug. 2005 - Aug. 2010
Department of Natural Resources Management. Taught graduate and undergraduate courses, conducted research on prescribed and wildfire effects to vegetation, fuels and wildlife. Co-director of TTU Fire Ecology Center.

Research Forester (Post-doc), USDA Forest Service Aug. 2002 - 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 - Aug. 2002
Southern Research Station, Research Work Unit 4104 Disturbance and Management of Southern Pine Ecosystems, Athens, GA. Initiated a fuels reduction project on forest industry land in North 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 - 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.

Instructor, Stephen F. Austin State University Aug. 1998 - May 1999
Arthur Temple College of Forestry, Nacogdoches, Texas. Instructor of record for one section of FOR 250. Taught the recreation half of two sections of FOR 250 Intro to Wildlife and Recreation. Responsible for all aspects of that half of the course.

Courses Taught

Texas A&M University-Kingsville:

WSCI 5390 & RWSC 3390	Prescribed Fire	Spr 2020, 19, 18, 17, 16, Wntr 14/15, 13/14, 12/13, 11/12
WSCI 6390	Restoration Ecology	Fall 2020, 18, 16, 14, 12
WSCI 6390	Fire Ecology	Fall 2019, 17, 15, 13, 11
RWSC 3310	Wildlife Mgmt Techniques	Fall 2019
RWSC 4319	Methods in Rangeland Ecology	Every Spring 2012-2020, Fall 2010
RWSC 3380	Rangeland Improvements	Fall 2018, 17
RWSC 2323	Principles of Range Mgmt (Honors)	Fall 2015
RWSC 1110	Wildlife Professions	Fall 19, Spr 17, Spr & Fall 2020, 16, 15, 14, 13,
RWSC 2323	Principles of Range Management	Fall 2016, 15, 13, 12, 11, 10
RWSC 2330	Principles of Wildlife Management	Spr 2012, 11
RWSC 2330	Principles of Wildlife Mgmt (Honors)	Spr 2012
RWSC 3994	Internship	Sum 2017, Fall 2011
RWSC 4395	Problems in Range and Wildlife	Fall 2012, 11

Texas Tech University:

NRM 3323	Prescribed Fire	Spr 2010, 9, 8, 7
NRM 5323	Prescribed Fire	Spr 2010, 9, 8, 7
NRM 4100	Undergraduate Seminar	Spr 2010, 9, 8, 7, 6
IS 1100	Tech Transition freshman seminar	Fall 2009, 8, 7, 6
NRM 4304	Fire Ecology and Management	Fall 2009, 8, 7, 6
NRM 5304	Fire Behavior and Ecology	Fall 2009, 8, 7, 6
NRM 2301	Introductory Wildlife Management	Sum 2008, Fall 2006, 5

Stephen F. Austin State University:

FOR 250	Intro to Forest Wildlife and Recreation	Spr 1999, Fall 1999, 98
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Bibliography of Publications

Refereed Journal Articles:

- 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. *Journal of Wildlife Diseases* (In Press). <https://doi.org/10.7589/JWD-D-20-00078>
- 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>
- Subedi, M., W. Xi, C. Edgar, S. **Rideout-Hanzak**, M. Yan. 2020. Tree mortality and biomass loss in drought-affected forests of East Texas, USA. *Journal of Forestry Research*. <https://doi.org/10.1007/s11676-020-01106-w>
- 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. In review. A pilot study to estimate forage standing crop from unmanned aerial vehicles in a semi-arid rangeland. *Remote Sensing*.
- Subedi, M., W. Xi, C. Edgar, S. **Rideout-Hanzak**, M. Yan. 2020. Tree mortality and biomass loss in drought-affected forests of East Texas, USA. *Forest Ecology and Management*.in press.
- Grace, J., S. **Rideout-Hanzak**, R. Stanko, V. Acosta-Martinez, A. Ortega, D. Wester. 2019. Soil seed bank dynamics 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>
- 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.
- 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>
- 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>
- 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>
- Haynes, V.L., J.S. Avila-Sanchez, S. **Rideout-Hanzak**, D.B. Wester and J.A. Ortega-S. 2018. Effects of prescribed burning on gulf cordgrass, *Spartina spartinae*. *MOJ Ecology & Environmental Sciences* 3(2):110-115. <http://eastfoundation.net/media/46897/moj-es-03-00074-burning-cordgrass.pdf>

- 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. Received Best Popular Article award at the Texas Section for Society for Range Management meeting, Oct. 2018.
<https://www.sciencedirect.com/science/article/pii/S0190052818300191?via%3Dihub>
- 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>
- 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. Factors influencing spatial and temporal distribution of tanglehead on South Texas rangelands. *Ecological Processes* 7(2):1-9.
<https://ecologicalprocesses.springeropen.com/articles/10.1186/s13717-018-0113-0>
- 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>
- 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.
- 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>
- 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>
- 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://akademai.com/doi/pdf/10.1556/ComEc.15.2014.2.11>
- Sorensen, G., D.B. 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>
- 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>
- 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.

- 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.
<https://www.sciencedirect.com/science/article/pii/S1550742411500132>
- 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>
- 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>
- Stottlemeyer, 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_stottlemeyer001.pdf
- Radke, N.J., D. B. Wester, G. Perry and S. **Rideout-Hanzak.** 2008. Short-term effects of prescribed fire on amphibians, reptiles in mesquite-Ashe juniper vegetation in central Texas. *Applied Herpetology* 5(3):281-292.
- 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
- 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
- C. Fowler 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/>
- 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>
- 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
- 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>
- Rideout, S. and M.H. Legg.** 2000. Factors Limiting Minority Involvement in Interpretive Programming. *Journal of Interpretation Research* 5(1):53-58.

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.

Non-Refereed Articles:

J.S. Avila-S., V.L. Haynes, S. **Rideout-Hanzak**, D.B. Wester, A. Ortega-S., and H.L. Perotto. 2020. Managing gulf cordgrass with prescribed fire. *East Foundation Management Bulletin*.

Rideout-Hanzak, S., D.B. Wester, and J. Avila Sanchez. 2019. Is a summer burn a "hotter" burn? *Caesar Kleberg Tracks Newsletter* (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., S. Avila-S., 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., S. Avila, S. **Rideout-Hanzak**. 2017. Season of burning on large mammal usage of gulf cordgrass. *South Texas Wildlife* 21:1-2.
<https://www.ckwri.tamuk.edu/news-events/season-burning-and-large-mammal-usage-gulf-cordgrass>

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.

Refereed Presentation Abstracts:

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.

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.

- 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). TAMUK student.
- 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, virtual. (video presentation). Awarded Best Video Presentation. TAMUK student.
- Cortez, J. G., S. **Rideout-Hanzak**, D. B. Wester, M. E. Tewes, J. Evans. 2020. Ocelot Habitat Restoration Acceleration. 56nd Annual Meeting of the Texas Chapter of the Wildlife Society, 13-15 February 2020, Corpus Christi, Texas. TAMUK student.
- Avila-Sanchez, J., 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. TAMUK student.
- Avila Sanchez, 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. TAMUK student.
- 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. TAMUK student.
- Avila Sanchez, 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. TAMUK student.
- Cortez, J.G., Jr, S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, and D.E. Ruppert. 2019. Accelerating Growth of Tamaulipan Thornscrub Habitat for Ocelots. 55th Annual Meeting of the Texas Chapter of The Wildlife Society, Montgomery, TX, 21-23 February, 2019.
- DiMaggio, A.M., H.L. Perotto-Baldivieso, A. Ortega-S., C. Walther, K.N. Labrador-Rodriguez, M. Page, S. **Rideout-Hanzak**, and D.B. Wester. 2019. Aboveground Biomass Estimation from Unmanned Aerial Vehicles in Rangelands. 55th Annual Meeting of the Texas Chapter of The Wildlife Society, Montgomery, TX, 21-23 February, 2019.
- DiMaggio, A., H. Perotto-Baldivieso, A. Ortega, C. Walther, K. Labrador-Rodriguez, M. Page, S. **Rideout-Hanzak** and D. Wester. 2019. Aboveground biomass estimation from unmanned aerial vehicles in rangelands. 72nd Annual Meeting of the Society for Range Management, Minneapolis, MN, 10-13 February, 2019.
- Cortez, J., Jr., S. **Rideout-Hanzak**, D. Wester, M. Tewes and D. Ruppert. 2019. Accelerating growth of ocelot thornscrub habitat. 72nd Annual Meeting of the Society for Range Management, Minneapolis, MN, 10-13 February, 2019.

- Walther, C., A. Ortega, H. Perotto, S. **Rideout-Hanzak** and D. Wester. 2019. Using GPS collars and daily NDVI images to assess grazing spatial dynamics. 72nd Annual Meeting of the Society for Range Management, Minneapolis, MN, 10-13 February, 2019.
- 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 of Society for Ecological Restoration, 9-11 November 2018, San Antonio, TX. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK student.
- Avila-Sanchez, 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. TAMUK student.
- Avila-Sanchez, 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. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK faculty.

- 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. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK student.
- 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. TAMUK student.
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- 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. TAMUK student.
- 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. TAMUK faculty.

- 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. TAMUK faculty.
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- 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. TAMUK faculty.
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- 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. TAMUK student.
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- 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. TAMUK student.
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- 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. TAMUK student.
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- 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. TAMUK student.
- Grace, J.L., D.B. Wester, S. **Rideout-Hanzak**, J. 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. TAMUK student.
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- 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 (poster). 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014. TAMUK student.
- 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 (poster). 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014. TAMUK student.
- 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. TAMUK student.
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- 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. St. Petersburg, Russia. 1-4 Jul. 2013. Non-TAMUK Colleague.
- 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. Faculty.
- 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. TAMUK student.
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- through Management—A Case Study. 2012 TXSER Annual Conference. Rio Grande Valley, TX. 2-4 Nov. 2012. Faculty.
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- S. Rideout-Hanzak** 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 Feb.-1 Mar. 2012. Faculty.
- 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. TTU student.
- 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. 2010. Long Beach, CA. TTU student.
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- 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.
- 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.
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- 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.
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- Beierle, M.J., **S. Rideout-Hanzak**, and D.B. Wester. 2009. Predicting grassland wildfire danger. 4th International Fire Congress, Savannah, GA.
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- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
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- 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.
- 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.
- 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.
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- 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.

- 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.
- 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.
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- 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.
- 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.
- 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.
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- 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.
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- 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.

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- 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.
- 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.
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Non-Refereed Abstracts:

- Cortez, Jr., J.G., S. **Rideout-Hanzak**, D.B. Wester, M.E. Tewes, D.E. Ruppert, and J. Evans. 2020. Ocelot habitat restoration acceleration in Southern Texas. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
- Golembiewski, D.A., A.D. Falk, S. **Rideout-Hanzak**, D.B. Wester. 2020. Examining seedbanks in stock-piled top soils. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
- Bishop, E.R., T.C. Wayland, K.A. Pawelek, S. **Rideout-Hanzak**, F.S. Smith, and D.B. Wester. 2020. Strategies for restoring tallgrass prairies in Northeast Texas. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
- Combs, R.C., J. Alfonso Ortega-Santos, H.L. Perotto-Baldivieso, S. **Rideout-Hanzak**, D.B. Wester, D.R. Tolleson, M.T. Page, A.M. DiMaggio, and J.P. Wied. 2020. Determining crude protein in tanglehead using drones. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
- DiMaggio, A.M., J. Alfonso Ortega-Santos, H.L. Perotto-Baldivieso, C.H. Walther, S. **Rideout-Hanzak**, and D.B. Wester. 2020. Long-term response of tanglehead to prescribed burning and grazing. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
- Golembiewski, D.A., S. **Rideout-Hanzak**, D.B. Wester. 2020. Restoration of frac pond in the Western Rio Grande Plains. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
- Slothower, B.M., A.D. Falk, T. Blankenship, S. **Rideout-Hanzak**, V. Acosta-Martinez, F.S. Smith, and D.B. Wester. 2020. Cover crop considerations to enhance pipeline restoration. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.

- Avila-Sanchez, J.S., S. **Rideout-Hanzak**, D.B. Wester, J. Alfonso Ortega-Santos, and T.A. Campbell. 2020. Winter vs. Summer burning in Gulf Prairies and Marshes. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
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- Zerlin, R., S. Avila-Sanchez, S. **Rideout-Hanzak**, D.B. Wester, and T.A. Campbell. 2020. Prescribed fire and butterflies in coastal South Texas. Caesar Kleberg Wildlife Research Institute, Current Research 2019-2020.
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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.

Presentations

International/National Professional Conference Presentations, Invited and Refereed:

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. Oral Presentation. Faculty.

International/National Professional Conference Presentations, Invited and Non-Refereed:

Deiss, S., S. **Rideout-Hanzak**, M. Kothmann. 2019. Panel: Putting fire on the ground. Healthy Prairies, Healthy Watersheds. North American Prairie Conference, 2-5 June 2019. Houston, TX. Faculty.

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. 31 Jan-4 Feb. 2016. Corpus Christi, TX Oral Presentation. Faculty.

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. 31 Jan-4 Feb. 2016. Corpus Christi, TX . Oral Presentation. Faculty.

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. 12 May 2015. Oral Webinar Presentation. Faculty.

S. **Rideout-Hanzak**. 2013. Using prescribed fire to manage fuels in the Southern Great Plains. Rangeland Technical Education Committee, The Future of Rangeland Fire in a Changing World. 66th Annual Meeting, Technical Training and Trade Show. The Range Society. 2-8 Feb. 2013. Oklahoma City, OK. Oral Presentation. Faculty.

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. Oral Presentation. Non-TAMUK faculty.

S. **Rideout-Hanzak**. 2011. Panel discussion No. 1—Conditions under which Wildfires are Beneficial. Wildland Fire Litigation Conference. San Diego, CA. 15-17 April 2011. Discussion leader. Faculty.

S. **Rideout-Hanzak**. 2011. Panel discussion No. 2—Conditions under which Wildfires are Harmful.

Wildland Fire Litigation Conference. San Diego, CA. 15-17 April 2011. Discussion leader. Faculty.

International/National Professional Conference Presentations, Refereed

- Avila-Sanchez, J., **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.
- Avila Sanchez, 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. TAMUK student.
- 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. TAMUK student.
- DiMaggio, A., H. Perotto-Baldivieso, A. Ortega, C. Walther, K. Labrador-Rodriguez, M. Page, **S. Rideout-Hanzak** and D. Wester. 2019. Aboveground biomass estimation from unmanned aerial vehicles in rangelands. 72nd Annual Meeting of the Society for Range Management, Minneapolis, MN, 10-13 February, 2019.
- Walther, C., A. Ortega, H. Perotto, **S. Rideout-Hanzak** and D. Wester. 2019. Using GPS collars and daily NDVI images to assess grazing spatial dynamics. 72nd Annual Meeting of the Society for Range Management, Minneapolis, MN, 10-13 February, 2019.
- Cortez, J., Jr., **S. Rideout-Hanzak, D. Wester, M. Tewes** and D. Ruppert. 2019. Accelerating growth of ocelot thornscrub habitat. 72nd Annual Meeting of the Society for Range Management, Minneapolis, MN, 10-13 February, 2019.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. PhD. student.
- 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. 2016. 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. Poster presentation. M.S. student.
- 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. Oral presentation. M.S. student.
- 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. Oral Presentation. Ph.D. student.
- 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. Oral Presentation. Faculty.
- 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. Poster Presentation. M.S. student.
- Plata, J.E. S.E. Henke and S. **Rideout-Hanzak**. 2015. Do small mammals cause spot fire during prescribed burns? Fact or urban legend? 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015. Poster Presentation. Undergraduate.
- 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. Poster Presentation. M.S. student.
- 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. St. Petersburg, Russia. 1-4 Jul. 2013. Poster presentation. Non-TAMUK Colleague.
- 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. Poster presentation. TAMUK students.
- 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. Poster Presentation. Non-TAMUK co-author.
- 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. 2010. Long Beach, CA. Oral Presentation. TTU student.
- 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. 25-29 October 2010. Oral presentation. Faculty.

- 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. Poster presentation. Faculty.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. Faculty.
- Beierle, M.J., S. **Rideout-Hanzak**, and D.B. Wester. 2009. Predicting grassland wildfire danger. 4th International Fire Congress, Savannah, GA. Oral presentation. PhD student.
- 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. Poster presentation. M.S. student.
- 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. Oral presentation. PhD. student.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. PhD student.
- 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. Oral presentation. M.S. student.
- 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. Poster presentation. M.S. student.
- 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. Oral presentation. Faculty.
- 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. Invited oral presentation.
- 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. Oral presentation. M.S. student.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. PhD student.
- 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. Oral presentation. Faculty.
- J.M. Bowker, 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. Invited oral presentation. Faculty.
- 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. Oral presentation.

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. Poster presentation.

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. Oral presentation.

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. Oral presentation.

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. Oral presentation.

Rideout, S. and M.H. Legg. 1998. Factors Limiting Minority Involvement in Interpretive Programs: A Case Study. National Interpreters Workshop, Anchorage, AK. National Association for Interpretation. Ft. Collins, CO. Oral presentation.

Regional Professional Conference Presentations, Invited and Non-Refereed:

Rideout-Hanzak, S. 2010. Prescribed Fire Effects Texas Coastal Prairie and Live Oak. USFWS Region 2 Refuges Fire Management Workshop. South Padre Island, TX. 1 December 2010. Invited oral presentation. No abstract. Faculty.

S. **Rideout-Hanzak**, 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. Invited oral presentation. Faculty.

Vose, J., D. Van Lear, and S. **Rideout-Hanzak**, 2003. Fire Issues in the Southern Appalachians: the Good, the Bad and the Potential. Enhancing the Southern Appalachian Forest Resources. Hendersonville, NC. October 2-3, 2003. Invited oral presentation. USFS personnel.

Regional Professional Conference Presentations, Volunteered and Refereed:

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. Poster presentation. M.S. student.

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. Poster presentation. M.S. student.

S. **Rideout-Hanzak** 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. Oral presentation. Faculty.
- 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. Oral presentation. Texas Tech University graduate student.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. PhD student.
- 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. Oral presentation. M.S. student.
- Waldrop, T.A., L. Brudnak, S. **Rideout-Hanzak**. 2006. Fuel loading across the southern Appalachian landscape. Fourteenth Biennial Southern Silvicultural Research Conference, 26 Feb. to 1 March 2007, Athens, GA. Poster presentation. USFS personnel.
- 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. Fourteenth Biennial Southern Silvicultural Research Conference, 26 Feb. to 1 March 2007, Athens, GA. Oral presentation. USFS personnel.
- 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. Fourteenth Biennial Southern Silvicultural Research Conference, 26 Feb. to 1 March 2007, Athens, GA. Oral presentation. USFS personnel.
- Stottlemeyer, 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. Fourteenth Biennial Southern Silvicultural Research Conference, 26 Feb. to 1 March 2007, Athens, GA. Oral presentation. USFS personnel.
- 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. Poster presentation. Faculty.
- Waldrop, T.A., D.W. Glass, S. **Rideout**, V.B. Shelburne, H.H. Mohr and R.J. Phillips. 2003. An evaluation of fuel reduction treatments across a landscape gradient in Piedmont forests: Preliminary results of the National Fire and Fire Surrogate Study. 12th Biennial Southern Silvicultural Research Conference. Biloxi, MS. Feb 24-28, 2003. Oral presentation. USFS personnel.

Mohr, H.H., T.A. Waldrop, S. **Rideout**, R.J. Phillips and C.T. Flint. 2003. Effectiveness of fire and fire surrogate treatments for controlling wildfire behavior in Piedmont forests: A simulation study. 12th Biennial Southern Silvicultural Research Conference. Biloxi, MS. Feb 24-28, 2003. Poster presentation. USFS personnel.

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. Oral presentation. USFS personnel.

Barnett, M., S. **Rideout**, B. Oswald, K. Farrish and H. Williams. 2001. Mid-rotational loblolly pine growth resulting from herbicide, prescribed fire, and fertilization treatments. 11th Biennial Southern Silvicultural Research Conference. Knoxville, TN. March 20-22, 2001. Poster presentation. PhD student.

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. Oral presentation. PhD student.

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. Oral presentation. PhD student.

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. Invited oral presentation. PhD student.

Regional Professional Conference Presentations, Volunteered and Non-Refereed:

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. Poster presentation. M.S. student.

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. Oral presentation. USFS personnel.

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. Oral presentation. USFS personnel.

Waldrop, T.A., M.A. Callahan, 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. Oral presentation. USFS personnel.

State Professional Conference Presentations, Refereed:

- 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. TAMUK student.
- 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.
- 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.
- Zerlin, R., J. Avila-Sanchez, **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.
- 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.
- 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.
- 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). TAMUK student.
- 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, virtual. (video presentation). Awarded Best Video Presentation. TAMUK student.
- Cortez, J. G., **S. Rideout-Hanzak**, D. B. Wester, M. E. Tewes, J. Evans. 2020. Ocelot Habitat Restoration Acceleration. 56nd Annual Meeting of the Texas Chapter of the Wildlife Society, 13-15 February 2020, Corpus Christi, Texas. TAMUK student.
- Avila-Sanchez, J., 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. TAMUK student.
- Avila Sanchez, 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. TAMUK student.
- Cortez, J.G., Jr, **S. Rideout-Hanzak**, D.B. Wester, M.E. Tewes, and D.E. Ruppert. 2019. Accelerating Growth of Tamaulipan Thornscrub Habitat for Ocelots. 55th Annual Meeting of the Texas Chapter of The Wildlife Society, Montgomery, TX, 21-23 February, 2019. TAMUK student.

- DiMaggio, A.M., H.L. Perotto-Baldivieso, A. Ortega-S., C. Walther, K.N. Labrador-Rodriguez, M. Page, S. **Rideout-Hanzak**, and D.B. Wester. 2019. Aboveground Biomass Estimation from Unmanned Aerial Vehicles in Rangelands. 55th Annual Meeting of the Texas Chapter of The Wildlife Society, Montgomery, TX, 21-23 February, 2019. TAMUK student.
- 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 of Society for Ecological Restoration, 9-11 November 2018, San Antonio, TX. Oral presentation. TAMUK student.
- 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. Poster presentation. M.S. student.
- 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. Oral presentation. M.S. student.
- 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. Poster presentation. M.S. student.
- Avila-Sanchez, 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. Oral presentation. M.S. student.
- Avila-Sanchez, 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. Oral presentation. M.S. student.
- 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. Oral presentation. M.S. Student.
- 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. Oral presentation. M.S. student. First place oral presentation, Don Pendleton Memorial College Awards.
- 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. Oral presentation. M.S. Student.
- 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. Poster presentation. M.S. Student. First Place Graduate Poster, Don Pendleton Memorial College Awards.
- 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. Poster presentation. M.S. Student.
- 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. Oral presentation. PhD student. Received 1st place in graduate student presentations.
- 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. Poster presentation. Undergraduate student.
- 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. Poster presentation. M.S. student.
- 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. Poster presentation. Undergraduate student.
- 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. Poster presentation. M.S. student.
- 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. Poster presentation. M.S. student.
- 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. Oral presentation. TAMUK student.
- Wester, D.B., M.C. Lovell, F.S. Smith, S. **Rideout-Hanzak**, P. Maywald, T. Blankenship, A. Falk, K. Pawelek. 2015. Soil, seedbank and species establishment dynamics influencing Eagle Ford Shale restoration. Texas Section, Society for Ecological Restoration, San Antonio, TX. 13-15 Nov. 2015. Oral presentation. TAMUK student.
- 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. Poster presentation. TAMUK student.
- 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. Poster presentation. TAMUK student.
- 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. Oral presentation. TAMUK student.
- McCloughan, A.C., S. **Rideout-Hanzak** and D.B. Wester. 2014. Hoffmanseggia tenella (slender rushpea): Understanding the competitive effects of an endangered south Texas species. Texas Plant Conservation Conference, Austin, TX. 5-8 Nov. 2014. Oral presentation. TAMUK student.
- Lovell, M.C., A. Falk, K. Pawelek, F.S. Smith, P. Maywald, V. Acosta-Martinez, S. **Rideout-Hanzak**, T. Blankenship and D.B. Wester. 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. Oral presentation. TAMUK student.
- Toomey, A., S. **Rideout-Hanzak**, 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. Poster presentation. TAMUK student.
- Grace, J.L., D.B. Wester, S. **Rideout-Hanzak**, J. 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. Oral presentation. TAMUK student.
- Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of prescribed burning on Old World bluestem communities (poster). Texas Invasive Plant and Pest Conference, Port Aransas, TX. 26-28 Feb. 2014. Poster presentation. TAMUK student.
- 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. Poster presentation. TAMUK student.
- 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. Oral presentation. TAMUK student.
- 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. Poster presentation. TAMUK student.
- 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. Poster presentation. TAMUK student.

- 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. Poster presentation. TAMUK student.
- 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. Oral presentation. TAMUK student.
- Toomey, A. S. **Rideout-Hanzak**, D.B. Wester and D. Ruppert. 2013. Season of prescribed burning on Old World Bluestems (poster). Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX. Poster presentation. TAMUK student.
- 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). Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX. Poster presentation. TAMUK student.
- 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). Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 November, 2013. Junction, TX. Poster presentation. TAMUK student.
- 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. TAMUK student.
- 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 (poster). 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. Poster presentation. Faculty.
- 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. Poster presentation. TAMUK student.
- Rideout-Hanzak**, S. and D.B. Wester. 2012. Slender Rush-pea (*Hoffmannseggia tenella*): Conservation through Management—A Case Study. 2012 TXSER Annual Conference. Rio Grande Valley, TX. 2-4 Nov. 2012. Poster presentation. Faculty.
- 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. 2012 TXSER Annual Conference. Rio Grande Valley, TX. 2-4 Nov. 2012. Poster presentation. Faculty.

- 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. Oral presentation. M.S. student.
- 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. Oral presentation. M.S. student.
- 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. Poster presentation. M.S. student.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. Faculty.
- 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. Oral presentation. Faculty.

State Professional Conference Presentations, Non-Refereed:

- Avila, 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**.
- 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**.
- 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**.
- 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. Poster presentation. M.S. student.
- 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. Poster presentation. TAMUK student.
- 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. Kingsville, TX. 8 Nov. 2013. Poster presentation. TAMUK student.

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. Kingsville, TX. 8 Nov. 2013. Poster presentation. TAMUK student.

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. Kingsville, TX. 8 Nov. 2013. Poster presentation. TAMUK student.

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 processes in the Texas Coastal Sandsheet (poster). 11th Annual Pathways Student Research Symposium, Texas A&M University System. Kingsville, TX. 8 Nov. 2013. Poster presentation. TAMUK student.

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. Poster presentation. M.S. student.

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, TX, USA. Oral presentation. TPWD employee.

Local Professional Conference Presentations, Non-Refereed:

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. Poster presentation. M.S. student.

Presentations for Lay Audiences (non-refereed):

Avila, 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**.

Avila Sanchez, 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.

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**. Oral presentation. M.S. student.

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

- 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. Oral presentation. Faculty.
- 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**. Oral presentation. M.S. student.
- 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. Aug 2017. M.S. student advised by S. **Rideout-Hanzak** and J.A. Ortega-S. Honorable Mention award winner. Oral presentation. M.S. student.
- Ávila Sánchez, J.S. How does season of burning affect gulf cordgrass communities? Video presentation for East Foundation 3 Minute Thesis competition. Aug 2017. M.S. student advised by S. **Rideout-Hanzak**. Oral presentation. M.S. student.
- 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. Invited oral presentation. Faculty.
- Rideout-Hanzak, S.** 2017. Prescribed burning in gulf cordgrass. East Foundation Advisors meeting. 8 March 2017. El Sauz ranch. Invited oral presentation. Faculty.
- Rideout-Hanzak, S.** 2016. CKWRI & Prescribed Burning Research. South Texas Property Rights Association meeting. Invited oral presentation. Faculty.
- Rideout-Hanzak, S.** 2016. Lyme & other tick-borne diseases: What are our risks in Texas? CKWRI Seminar. Kingsville, TX. 29 Apr. 2016. Oral presentation. Faculty.
- Rideout-Hanzak, S.** 2015. Using prescribed burns in an IPM program. Texas Ag Industries, South Texas Regional Meeting. 1 Oct. 2015. Oral presentation. Faculty.
- Rideout-Hanzak, S.** 2015. Restoration and Fire Ecology. Las Huellas seminar. Rancho Viejo, Brownsville, TX. 18 Aug. 2015. Oral presentation. Faculty.
- 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. Video/oral presentation. Faculty.
- Rideout-Hanzak, S.** 2014. Lyme & other tick-borne illnesses: What are our risks in Texas? CKWRI Seminar. Kingsville, TX. 23 Sep. 2014. Oral presentation. Faculty.
- Rideout-Hanzak, S.** 2014. Fire on the Landscape. CKWRI Partner Seminar and Reception. River Oaks Country Club, Houston TX. 30 Sep. 2014. Oral presentation. Faculty.
- Rideout-Hanzak, S.** 2014. Using Fire to Manage Quail Habitat. Texas Quail Short Course, III. 20-21 Aug. 2014. Oral presentation. Faculty.
- Rideout-Hanzak, S.** 2013. Habitat restoration using prescribed fire. Wildlife without Borders-Mexico workshop. Kingsville, TX 10-14 June 2013. Oral presentation. Faculty.

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. Invited oral presentation. Faculty.

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. 22 Sep. 2011. Exhibit to open in 2012. Invited video exhibit. Faculty.

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. Oral presentation. Faculty.

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. Invited oral presentation and panel discussion. Faculty.

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. Invited oral presentation. Faculty.

Rideout-Hanzak, S. 2011. Televised interview about prescribed fire. KIII Morning News. Jan. 25, 2011.

Research and Scholarly Activities

Funded Grants and Gifts (Total \$2,170,379.):

Rideout-Hanzak, S. 2020. Donation to CKWRI Fire Ecology program. \$2,500. T. Hunt.

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.

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.

Rideout-Hanzak, S. and D.B. Wester. 2019. Donation to CKWRI Fire Ecology & Tanglehead programs. \$10,000. for prescribed fire and tanglehead research.

Rideout-Hanzak, S. 2018. Donation to CKWRI Restoration & Habitat Program. The John G. & Marie Stella Kenedy Memorial Foundation. \$1,000.

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. \$374,630. 4 years.

Rideout-Hanzak, S. 2018. Fueling the Monarch Migration through South Texas. TAMUK Service Learning. \$8,300. 1 year.

Rideout-Hanzak, S. 2018. Donation to CKWRI Fire Ecology program. Stone Brothers. \$1,500.

Rideout-Hanzak, S. 2017. Donation to CKWRI Fire Ecology program. G.T. Canales. \$2,000.

- 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.
- 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.
- Rideout-Hanzak, S.** 2014. Restoration of native plants and pollinators at South Pasture. Service Learning Course. TAMUK Service Learning Program. \$10,000. 1 year.
- 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. TAMUK University Research Award. \$15,000. 2013-2014.
- Rideout-Hanzak, S.** Prescribed Burning Equipment. 2013. TAMUK Title V-PPOHA Research Equipment mini-grant. \$10,000. 2013.
- 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. 2013-2014.
- Wester, D.B., F.S. 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. 2013-2015.
- Wester, D.B. (PI), (Co-PIs) 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. 2013-2015.
- Rideout-Hanzak, S.** 2013. University Travel Grant. Texas A&M University-Kingsville. \$500.
- Rideout-Hanzak, S.** (PI), (Co-PIs) R. Ross, P. Crump and S. Henke. 2012. Using dog to locate endangered Houston toads (*Bufo Houstonensis*). Arthur A. Seeligson Conservation Fund. \$2,500. 2012.
- Ortega, A. (PI), (Co-PIs) **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. 2012-2013.
- Rideout-Hanzak, S.** (PI) and (Co-PI) 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. \$4,997. 2012-2013.
- Ortega, A. (PI), (Co-PIs) 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. 2011-2012.
- Rideout-Hanzak, S.** (PI) and (Co-PI) 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. 2011.

- Wester, D.B. (PI) and (Co-PI) 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. 2010.
- Masters, R. (Co-PI), S. **Rideout-Hanzak** (PI), B. Oswald (Co-PIs) and R. Gray. 2009. AFE 4th International Fire Ecology and Management Congress: Fire as a Global Process. Joint Fire Science Program. \$35,000. 2009.
- Gipson, P. (PI), (Co-PIs) S. **Rideout-Hanzak**, M.C. Wallace, D.B. Wester and 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. 2008.
- Perry, G. (PI), (Co-PIs) S. **Rideout-Hanzak** and D. Wester. 2008. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards at Camp Bowie. Texas Army National Guard. \$60,082. 2008.
- Perry, G. (PI), (Co-PIs) S. **Rideout-Hanzak** and D. Wester. 2008. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards – TANG. Texas Army National Guard. \$5,000. 2008.
- Dabbert, C.B. (PI), (Co-PIs) D. Wester and S. **Rideout-Hanzak**. 2008. Grassland bird response to patch burning and grazing on sand sagebrush-mesquite rangeland. Texas Parks and Wildlife Department. \$144,886. 2008-2010.
- Rideout-Hanzak**, S. (PI), (Co-PIs) 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. 2008.
- Rideout-Hanzak**, S. (PI), (Co-PIs) D. Wester, C. Britton, C. Boal and 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. 2006-2009.
- Rideout-Hanzak**, S. (PI), (Co-PIs) D. Wester, C. Britton, C. Boal and 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. 2006-2009.
- Rideout-Hanzak**, S. (PI). 2006. Threawn (*Aristida* spp.) responses to burn barrel simulations of prescribed fire. Texas Tech University, College of Agriculture and Natural Sciences. \$7,500. 2006.
- 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. 2001-2004.
- Oswald, B.P. (PI) and (Co-PI) S. **Rideout**. 1999. Vegetative response and restoration ecology as a result of prescribed burning in Bastrop State Park. Texas Parks and Wildlife. \$5,000. 1999-2000.
- Oswald, B.P. (PI) and (Co-PI) 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. 1999-2000.

Grants submitted, and still pending:

Year	Total Requested Amount	Title	Submitted to:
		none	

Unfunded Proposals. Submitted while at TAMUK (2010 to present). First name listed is PI, all subsequent names are Co-PIs:

Year submitted	Total Requested Amount	Title	Submitted to:
2018	988,888.	H. Perotto, S. Henke, S. Rideout-Hanzak, F. Hernandez, D. Wester, D. Ruppert, C. Eversole. Landscape study of West and South Texas grasslands to inform the conservation of the spot-tailed earless lizard and desert massasauga.	Texas Comptroller
2018	96,215.	Wester, D.B and S. Rideout-Hanzak. Habitat Assessment Monitoring: Navy Outlying Landing Field (NOLF) Cabaniss, NOLF Waldron, NOLF Goliad, Texas.	Navy
2017	4,412.	Rideout-Hanzak, S. and D.B. Wester. Evaluating Manipulations to Previously Established Thornscrub Plantings for Creating Usable Ocelot Habitat.	TAMUK TCUR, Undergraduate Research Program.
2017	274,911.	Training the next wave of wildlife biologists and rangeland managers in geospatial technologies and landscape ecology: the GTLE Project. Perotto, Rideout, Wester, Conkey, Hernández, Ortega.	USDA, NIFA
2017	14,500.	Social Values Regarding Ocelot Habitat Restoration in South Texas Rideout-Hanzak, S., D.B. Wester, D. Ruppert, D. Rucker.	TAMUK, URA
2017	7,790.	Curricular Service Learning Proposal for TWSC 4395 and WSCI 6390, Prescribed Burning. TAMUK Service Learning Grants. October 2017. \$7,790. TAMUK Curricular Service Learning for RWSC 4319, Methods in Rangeland Ecology; and RWSC 4395/WSCI 6390, Prescribed Burning Spring Semester 2018. S. Rideout-Hanzak.	TAMUK Service Learning program.
2017	≈40,000.	Accelerating restoration of ocelot thorn-scrub habitat. Rideout-Hanzak, S., D.B. Wester, M. Tewes, D. Ruppert, F. Smith, S. Najera.	CKWRI graduate student scholarship (SALE or HLSE)
2016	449,186.	RFP No. 218c for Endangered Species Research Projects for the Monarch Butterfly. Rideout-Hanzak, S., A. Ortega-S., D.B. Wester, H.L. Perotto, F.S. Smith, G.L. Schuster and R.W. Patrock.	Office of the Texas Comptroller.
2016	155, 220	Assessing impacts of drought on national forests in East Texas under climate change—an analysis of tree mortality using FIA data and a forest succession and drought model. W. Xi, C. Edgar, S. Rideout-Hanzak.	U.S. Forest Service
2016	5,000.	Seedbank Potential for Restoration at Caddo Lake Wildlife Management Area	Harvey Weil Sportsman Conservationist Award
2016	273,260.	The GTLE Project: Geospatial Technologies and Landscape Ecology for Wildlife and Rangeland Science and Management in a Changing World. Perotto, H.L., D.B. Wester, A.A. Conkey, S. Rideout-Hanzak, A. Ortega-S., F. Hernández.	USDA, Hispanic Serving Institute.

2016	1,700.	Enhancing and Restoring monarch butterfly habitat in Texas. S. Rideout-Hanzak	Texas State Soil and Water Conservation Board
2014	181,011.	Understanding Phylogenetic Relationships, Demographics and Habitat of Black Lace Cactus (<i>Echinocereus reichenbachii</i> var. <i>albertii</i>). S. Rideout-Hanzak, D.B. Wester, R. DeYoung and J. Sharma	Texas Parks and Wildlife Department, Section 6.
2014	3,000.	Long-term Effects of Season of Burning on Invasive, Exotic Grasses. S. Rideout-Hanzak	TAMUK, ORSP Summer Support
2014	11,900.	Season of prescribed burning effects on belowground morphology of non-native perennial grasses	Welder Wildlife Foundation
2014	5,000.	Finding endangered slender rush-pea with a conservation dog. S. Rideout-Hanzak and D.B. Wester	Rotary Club of CC, Harvey Weil Sportsman Award
2014	80,096.	Demonstration site for summer and winter burning effects on vegetative community composition including South Texas ambrosia (<i>Ambrosia cheiranthifolia</i>). S. Rideout-Hanzak, D.B. Wester and J. Adams.	Dept. of Defense, Legacy Program
2014	50,000.	A College-Level Curriculum for Prescribed Burning in Texas. Rideout-Hanzak, Britton, Oswald and Rasmussen.	USDA F.S., SRS, Partners Enhancement Program.
2013	87,873.	Restoration of ocelot habitat. Tewes, M., S. Rideout-Hanzak, D.B. Wester and A. Conkey.	Texas Parks and Wildlife Department, Section 6.
2013	187,634.	Assessing Populations, Habitat, Genetics, Pollinators, and creating partnerships for conservation of black lace cactus (<i>Echinocereus reichenbachii</i> var. <i>albertii</i>), Rideout-Hanzak, Wester, DeYoung, and Patrock.	Texas Parks and Wildlife Department Section 6
2013	122,465.	Restoration of coastal Prairie Ecosystems invaded by spiny aster (<i>Chlorocantha spinosa</i>). Rideout-Hanzak, Wester, Schuster.	Texas Sea Grant
2012	106,932.	Assessing Populations, Habitat and Genetics, and creating partnerships for conservation of black lace cactus (<i>Echinocereus reichenbachii</i> var. <i>albertii</i>), Rideout-Hanzak, Wester, DeYoung	Texas Parks and Wildlife Department Section 6
2012	147,779.	Establishment and Restoration of Native Grasses in South Texas, Rideout-Hanzak, Wester, Smith	Texas Parks and Wildlife resubmission
2011	135,451.	A Fixed Price Contract for Study of Prescribed Burning Effects on Gulf Cordgrass Production on East Wildlife Foundation Lands in South Texas. S. Rideout-Hanzak.	East Wildlife Foundation
2011	278,918.	A Fixed Price Contract for a Study of the Use of Prescribed Burning to Alter Livestock Grazing Habits and distribution on East Wildlife foundation Lands in South Texas. S. Rideout-Hanzak, D.B. Wester	East Wildlife Foundation
2011	350,000.	Characterizing Grass and Shrubland Fuel Models Impacted by Exotic Grasses in Southern Texas and Northern Mexico. S. Rideout-Hanzak, A. Ortega, D.B. Wester.	Joint Fire Science Program
2011	1,500,000. (150,000. TAMUK)	Restoring the coupled natural-human systems in the rangelands of the Hashemite Kingdom of Jordan. C. Hutchinson, D. Bailey, N. Brozovic, X. Lan, S. Rideout-Hanzak	NSF, Coupled Natural and Human Systems
2011	155,050.	Establishment and restoration of native warm season grasses in Texas. F. Smith, S. Rideout-Hanzak, D. Wester	TPWD
2011	79,452.	Estimation of plant community species richness on small spatial scales: Applications for habitat restoration and invasive species management. T. Smith, S. Rideout-Hanzak, F. Smith, D. Wester.	SERDP

2010	373,553.	Characterizing Grass and Shrubland Fuel Models Impacted by Exotic Grasses in Southern Texas and Northern Mexico. S. Rideout-Hanzak, A. Ortega, D.B. Wester.	Joint Fire Science Program
2010	1,500,000. (143,607 TAMUK)	CNH: Re-coupling natural-human systems in the rangelands of the Hashemite Kingdom of Jordan. C. Hutchinson, D. Bailey, N. Brozovic, X. Lan, S. Rideout-Hanzak	NSF, Coupled Natural and Human Systems
2010	483,711.	Rangeland carbon dynamics as affected by season of burning in a changing climate. S. Rideout-Hanzak, D. B. Wester, J. Moore-Kucera.	USDA-NIFA

Professional Growth and Activities

Certifications:

Distance Education, TAMUK Distance Learning, June 2020.
 Certified Senior Wildland Fire Ecologist, Association for Fire Ecology, March 1, 2014.
 First Aid/CPR/AED Instructor certification, American Red Cross. 27 May 2016, valid two years.
 Lifeguarding/First Aid/CPR/AED, American Red Cross, 27 April 2015, valid two years.

Membership in Professional Societies:

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

Leadership Roles in Professional Societies:

Society for Range Management:
 RSEC Committee Member, TAMUK representative, 2010 to present.
 Texas Chapter, Publicity Committee 2006 to 2009.

Association for Fire Ecology:
 Program Committee member: 7th International Fire Ecology and Management Congress, November 2017, Orlando, FL.
 Congress Co-chair: 6th International Fire Ecology and Management Congress, 16-20 Nov. 2015, San Antonio, TX.
 Steering Committee Member: 5th International Fire Ecology and Management Congress, 3-7 Dec. 2012, Portland, OR.
 Board of Directors, 2003, 2007-2010.
 Vice-President 2009 and 2010
 Board Secretary 2003.
 Steering Committee Chair: 4th International Fire Ecology and Management Congress, Fire as a Global Process. 30 November through 4 December 2009. Savannah, GA.

Conference Committee Member 2007-2011. Committee Chair 2010.
Session Moderator and student poster judge: Fire in the Southwest conference, Tucson, AZ.
2008.

Society for Ecological Restoration, Texas Chapter. 2006. Session moderator (Fire effects on wildlife).
11th Annual Conference, Hunt, TX.
2007. Local Planning Committee, 12th Annual Conference.

TAMUK Student Chapter Advisor of Student Association for Fire Ecology and Restoration, 2020 to
present.

Attendance at Meetings of Professional Societies:

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

2017. Texas Chapter of The Wildlife Society annual meeting. San Antonio, TX 16-18 February 2017.

2017. International Congress on Prescribed Fires. Barcelona, Spain 1-2 February 2017.

2016. 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb.

2016. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX 31 Jan-4 Feb.

2015. One-Day Regional Women's Leadership Conference, Texas Women in Higher Education.
Kingsville, TX 30 Oct 2015.

2015. 6th International Fire Ecology and Management Congress, Association for Fire Ecology, San
Antonio, TX. 16-20 Nov. 2015.

2015. South Texas Regional Meeting, Texas Ag Industries Association, Kingsville, TX. 1 Oct. 2015.

2015. 51st Annual Meeting, Texas Chapter, The Wildlife Society, Corpus Christi, TX. 19-21 Feb. 2015.

2014. Texas Plant Conservation Conference, Austin, TX. 5-8 Nov. 2014.

2014. 50th Annual meeting, Texas Chapter, The Wildlife Society, Austin, TX. 19-22 Feb. 2014.

2013. 66th Annual Meeting, Technical Training and Trade Show. The Range Society. Oklahoma City,
OK. Feb. 2-8.

2013. South Texas—Beach to Brush Country, Native Plant Society of Texas Symposium, Corpus Christi,
TX. Oct. 17-20.

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

2012. Society for Ecological Restoration, Texas Chapter meeting. Weslaco, TX. Nov 2-4.

2012. Association for Fire Ecology, Fire in the Southwest Conference. Fire Landscapes, Wildlife &
People. Santa Fe, NM. Feb 27-Mar 1.

2011. Wildfire Litigation Conference, San Diego, CA. April.
2010. International Association for Wildland Fire. 3rd Fire and Fuels Conference, Spokane, WA. Oct. 25-29
2010. International Association for Wildland Fire. 2nd Human Dimensions of Wildland Fire Conference, San Antonio, TX. April.
2009. Association for Fire Ecology. 4th International Fire Ecology and Management Congress, Savannah, GA. 30 Nov-4 Dec.
2008. Wildfire Litigation Conference, Reno, NV.
2008. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.
2007. Texas Chapter Society for Ecological Restoration, 12th Annual Conference, Lubbock, TX.
2006. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.
2006. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.
2005. Tall Timbers 23rd Fire Ecology Conference. Fire in Grassland and Shrubland Ecosystems. Bartlesville, OK.
2004. Enhancing the Southern Appalachian Forest Resource: A symposium engaging economic, ecological and social principles and practices. Hendersonville, NC.
2003. Association for Fire Ecology. 2nd International Wildland Fire Conference. Orlando, FL.
2002. Ninth International Symposium on Society and Resource Management. Bloomington, IN.
2002. Forest Restoration in the Boreal and Temperate Zones, International Union of Forest Research Organizations. Vejle, Denmark.
2001. Eleventh Biennial Southern Silviculture Research Conference. Knoxville, TN.
2001. Natural Areas Association Conference. Cape Canaveral, FL.
2000. South East Region Recreation Conference. Charleston, SC.
2000. Third Longleaf Alliance Conference. Alexandria, LA.
1999. National Association for Interpretation. Anchorage, AL.
1999. National Association for Interpretation Region VI Workshop. Hot Springs, AK.
1998. National Association for Interpretation Region VI Workshop. Nacogdoches, TX.
1998. National Association for Interpretation. Ft. Collins, CO

Lectureships attended:

Killam Lectureship on White-tailed Deer Management. Nov. 4, 2014. Kingsville, TX

Professional Service Activities:

Advisory Board Member to the Texas Prescribed Burn Board, since 2013

Subcommittee Member: Chapters 75 and 82, Civil Practice and Remedies code, since 2014.

Region 5 Training contact for the Texas Certified and Insured Prescribed Burn Manager program.

Texas State Prescribed Burner Certification courses (Not for TAMUK student credit):

Calhoun County Certified and Insured Prescribed Burn Manager's Course. May 2020.

KRIRM, Gus T. Canales Lectureship on Prescribed Burning Workshop for Certified Prescribed Burn Managers, July 29-31, 2019. Kingsville, TX. Co-Instructors: A. Rasmussen, S. Deiss, S. Avila-Sanchez.

KRIRM, Continuing Fire Training (CFT) Workshop for Certified Prescribed Burn Managers, Aug 1, 2019. Kingsville, TX.

KRIRM, Gus T. Canales Lectureship on Prescribed Burning. Co-Instructors: G.A. Rasmussen, S. Deiss, K. Feuerbacher. July 31-Aug 3, 2017. Kingsville, TX.

KRIRM, Gus T. Canales Lectureship on Prescribed Burning. Co-Instructor: G.A. Rasmussen. Dec. 15-18, 2014. Kingsville, TX.

CKWRI, Region 5 Certified and Insured Prescribed Burn Managers Course. Co-Instructor. 11-14 Aug. 2014. Kingsville, TX.

CKWRI, Region 5 One-day Continuing Fire Training (CFT) for TPWD Certified Prescribed Burn Managers. Instructor. 11 Aug. 2014. Kingsville, TX.

Welder Wildlife Foundation, Prescribed Fire School. Taught Fuels and Managing Escapes portions. Co-Instructors: L. Drawe, A. Rasmussen, W. Hanselka. February 5, 2014. Sinton, TX.

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

Gus T. Canales Lectureship. 2013. Continuing Fire Training (CFT) Workshop for Certified Prescribed Burn Managers. Co-Instructors: L. Drawe, A. Rasmussen, S. Rideout-Hanzak, W. Hanselka. 7 Jan. 2013. Kingsville, TX.

Gus T. Canales Lectureship on Prescribed Burning. 2012. Co-Instructors: L. Drawe, W. Hanselka, A. Rasmussen, S. Rideout-Hanzak. 3-6 Jan. 2012. Kingsville, TX.

Thornforest Conservation Partnership, Scientific Advisory Committee, 2018 to present.

Professional Consulting Services:

2017. S. Rideout-Hanzak. Rankin Ranch Road wildfire. 2017. Consultant to Uhl, Fitzsimons,

Jewett and Burton. Spring 2017 wildfire effects on woody plants on ranch in Texas panhandle.

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

2011. Private Consultant on Bastrop County Wildfire. Retained by Carlson, Calladine and Peterson, LLP., San Diego, CA. Wildfire effects on ecosystem.

2008. Private Consultant on wildfire. Retained by City of Lubbock in re: Brad White vs. City of Lubbock. Rangeland damages estimation.

2006-2008. Private Consultant on Borger Wildfire. Retained by Haynes and Boone law firm, Fort Worth, in re: No. 9840, Burnett Ranches, et al. vs. Cano Petroleum. Cause and origin, Fire behavior modeling.

Texas Certified and Insured Prescribed Burn Manager Lead Instructors group

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.

Online education committee member, 2012

Peer Reviewer: Great Plains Fire Science Exchange proposal for funding to Joint Fire Science Program.

USDA NIFA, Rangeland Research Program, proposals for funding, August 2012.

TAMUK, Vice President for Research, University Research Awards, August 2012.

Joint Fire Sciences, proposals for funding, Boise, Idaho, January 2004.

Editorial Board Member: *MOJ Ecology & Environmental Sciences*, 2016 to present.

Associate Editor: *Fire Ecology*. 2009-2013.

Ad Hoc Reviewer: *Fire Ecology, International Journal of Wildland Fire, MOJ Ecology & Environmental Sciences, Journal of Environmental Management, Arizona-Nevada Journal of Science, Castanea, Forestry, Invasive Plant Science and Management Journal of Environmental Quality, Journal of Field Ornithology, Natural Areas Journal, Rangeland Ecology and Management, Southern Journal of Applied Forestry, Wildlife Society Bulletin.*

Consultant to City of Kingsville on environmental effects of brush control treatments, Dec. 2011.

August 2006 – August 2010. Texas Prescribed Burn Board member. State legislative appointment.

Service Activities

University, College and Department Committees:

Texas A&M University-Kingsville:

- University: 2020-2021, Quality Enhancement Plan (QEP) Advisory Committee
- 2019-2020, Administrator Evaluation Committee member, Faculty Senate Appointment
- 2017-2018. Administrator Evaluation Committee, Faculty Senate Appointment
2018. Graduate Council Representative Committee
- 2016-2018. Calendar Committee
- 2015-2017. International Exchange Education Fund Scholarship Committee
2014. College of Engineering, Eagle Ford Center for Research, Education and Outreach Internal Advisory Board.
2011. University Safety Committee
- College: 2018. Soil Scientist Search Committee—Member
- 2018, 17, 16. Scholarship Committee—member
- 2018, 13, 11, 10. AgOlympics Planning Committee—member
2012. Freshman Fajita Fiesta, College Faculty Team—member
- Department: 2019. Departmental Promotion Committee—chairperson
- 2017-2018. Stedman Chair Search Committee—Member
- 2014-2018. Departmental Tenure and Promotion Committees—Member
2017. Society for Range Mgmt Accreditation Committee—Member
- 2019, 18, 17, 16, 15. Departmental Tenure Committee, member
2014. Departmental Tenure Continuation Committee, Chair.
- 2013 & 2014. CKWRI GIS Specialist Search Committee member.
- 2011 & 2012. Wildlife Education Specialist Search Committee—Chair.
- Research Unit: 2019 & 2020. CKWRI Scholarship Committee member
2019. Stedman Chair search committee--member

Texas Tech University:

University: 2007-2008. College of Agricultural Sciences and Natural Resources Dean's Search Committee member

College: 2008-2010. College of Agricultural Sciences and Natural Resources Outreach Committee member

2005-2008. College of Agricultural Sciences and Natural Resources Scholarship Committee member

2007. Department of Natural Resources Management Chair Search Committee member.

Department: 2005-2008. Scholarship Committee.

Texas Prescribed Fire Council:

Education and Outreach Committee, Texas Prescribed Fire Council, 2020 to present.

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.

Adjunct Faculty:

Stephen F. Austin State University, Arthur Temple College of Forestry and Agriculture, 2004 - present.

Guest speaker:

TAMUK Biology courses: 1. Zoonotics Course, Tick-Borne illness in Texas, Spring 2019 and 2. Ecology of Diseases course, Tick-Borne illness in Texas, Fall 2019.

Santa Gertrudis Middle School, 7th Grade Science classes, Local Endangered Species, May 2019.

TAMUK, RWSC Wildlife Capstone course, taught review of Princ. of Range, Rx Fire, and Range Methods, Spring & Fall 2018, 17, 16, 15, 14, 13, 12, Fall 2011.

TAMUK, RWSC 3310 Wildlife Mgmt Techniques, Conducting a Prescribed Fire, Fall 2018, 17, 16, 14, 11.

TAMUK, UNIV 1110, Conducting a Prescribed Fire, Spring 2018

TAMUK, Human/Wildlife Conflicts course. Taught about tick-borne illnesses. Fall 2014.

TAMUK, AGRI Weeds course. Taught two weed identification labs. Spring 2014.

TAMUK, AGRI 4328, Plant Disease and Pest Control, Fire and Insects, Nov. 2011.

Kingsville Swim Team: Club President 2018, Head Coach 2015-2017.

Class Service Learning activities:

South Pasture, 1 day of service activity with Restoration Ecology class, 2020

El Sauz Ranch, 3 days of service activity with Rx Burning class, 2020

Lazy A Ranch, 1 day of service activity with Rx Burning class, 2020

El Sauz ranch, 4 days of service activity with Rx Burning class, 2019.

Designed and delivered a lesson for area 4th graders with Restoration Ecology course, 2018.

City of Kingsville Parks & Rec Dept: Conducted plant identification exercise with Range Methods course for a new walking trail, 2018

Los Indios Ranch: 2 day service activity with Prescribed Burning course, 2018

TAMUK University Farm: 1 day service activity with Prescribed Burning course, 2018

Canales Ranch: 1 day service activity with Prescribed Burning course, 2017

TAMUK South Pasture property: Creation and maintenance of a pollinator garden with Restoration Ecology courses, 2014 and 2016

1 day service activity with Prescribed Burning course, 2010, 2012, 2016

Judge: Santa Gertrudis School Science Fair, Jan. 2020, 2019, 18, Dec. 2016, Jan. 2016, 15.
Ricardo Elementary Science Fair, Jan. 2013, Dec. 2011.

Volunteer: Texas Agrilife Extension agency's Earth and Arbor Day Event, Dick Kleberg Park, Kingsville, April 2019.

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

Invited guest scientist: Wrote questions related to natural resources and was videotaped reading them for airing on PBS *Challenge* TV show for Corpus Christi area high schools. 2012.

Instructor: Texas Prescribed Fire certification course, Clarendon College, April 2008.

Texas Parks & Wildlife Department, Prescribed Burning workshop, Matador WMA, Feb. 2008.

Texas Tech University, Prescribed Fire & Quail, Quail Field Day, May 2007.

Texas Prescribed Fire certification course, Clarendon College, March 2007.

Texas Parks & Wildlife Department, Prescribed Burning workshop, Matador WMA, Feb. 2007.

Texas Master Naturalists, Plains chapter, 2006.

Ecological Concepts lecture

Forest Ecology lecture

Texas Tech University, Upward Bound Program, Fire Ecology, July 2006.

Honors and Awards

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, (\$1,000.00 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 TTU Nominee for AASCARR Distinguished Young Educator Award

2008 TTU 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 at SFASU 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.

Other Professional Activities Not Covered Above

Texas A&M University-Kingsville, CKWRI and ARWS unless otherwise noted:

Graduate Student Chair:

In progress:

4. Josiah Mulvihill, M.S. Expected completion Dec. 2023. Effects of pollinator plantings on watermelon crop success.
3. Rebecca Zerlin, M.S. Expected completion Dec. 2021. Time since prescribed burning and butterfly populations in coastal prairie of South Texas.
2. José Cortez, M.S. Expected completion Aug. 2020. Accelerating maturation of thornscrub habitat for ocelots.
1. José Silverio Ávila-Sánchez. Ph.D. Expected completion May 2023. Comparing summer and winter burning on vegetative composition in gulf cordgrass communities.

Completed:

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 Student Committee member:

In progress:

5. Emily Bishop, M.S.
4. Tilak Chaudhary, M.S.
3. Alexandria DiMaggio, M.S.
2. Dustin Golembiewski, M.S.
1. Brianna Slothower, M.S.

Completed:

7. Nereyda Cantu. Ed.D. Dec 2020. Factors that influence school choice: A look at parents' and school leaders' perception.
6. Chase Walther, M.S. Dec 2019. Control of tanglehead in South Texas.

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.
3. Joshua Grace, Ph.D. Dec 2016. Effects of invasive grasses on ecosystem processes along an invasion gradient in South Texas, USA.
2. Mukti Subedi, M.S. May 2016. Evaluating extreme drought induced tree mortality and biomass loss in the East Texas forests using Forest Inventory and Analysis data. Department of Biological and Health Sciences.
1. Mylea Lovell, M.S. Aug 2015. Characteristics of stockpiled topsoil in the Western Rio Grande Plains.

**Texas Tech University, Dept. of Natural Resources Management
Graduate Student Chair or Co-chair, Completed (3):**

- 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.

TTU, Graduate Student Committee member, 7 Completed:

- 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 Student Committee member, 2 Completed:

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

Stottlemeyer, 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, Dept. of Animal, Rangeland and Wildlife Management:
 Career Advising for approximately 20-25 undergraduate annually since Fall 2013.
 Course and Career Advising for approximately 20 – 25 undergraduates annually from Fall 2010 to Fall 2013.

TTU, Dept. of Natural Resources Management. Course and Career advising for approximately 25 undergraduates annually from 2005 to 2010.

Student Evaluation Scores from Texas A&M University-Kingsville:

Student evaluation scores for Dr. Sandra Rideout-Hanzak at TAMUK					
Answer scale is 1 (low) to 5 (high)					
COURSE	SEMESTER	QUESTION # 1	QUESTION # 2	QUESTION # 4	QUESTION # 11
<i>RWSC 1110 Introduction to Wildlife Professions</i>					
	Spring 2013	4.00	3.82	4.15	3.88
	Fall 2013	4.13	4.30	4.18	4.03
	Spring 2014	4.80	4.80	4.60	4.53
	Fall 2014	4.50	4.47	4.33	4.28
	Spring 2015	4.45	4.35	4.50	4.45
	Fall 2015	4.51	4.35	4.31	4.22
	Spring, Fall 2016	(no scores, different survey instrument was used as a pilot)			
	Spring 2017	4.57	4.57	4.57	4.57
	Course Mean	4.42	4.38	4.38	4.28
<i>RWSC 2323 Principles of Range Management</i>					
	Fall 2011	4.25	3.75	3.75	4.25
	Fall 2012	4.57	4.57	4.43	4.71
	Fall 2013	4.46	3.85	4.38	4.23
	Fall 2015	4.50	4.38	4.47	4.26
	Course Mean	4.45	4.14	4.26	4.36
<i>RWSC 3380 Rangeland Improvements</i>					
	Fall 2018	4.32	4.26	4.59	4.41
	Course Mean	4.32	4.26	4.59	4.41
<i>RWSC 4319 Methods in Rangeland Ecology</i>					
	Fall 2010	4.93	4.79	4.86	4.93
	Spring 2011	4.05	3.77	4.00	4.18
	Spring 2013	4.04	3.42	4.21	4.04

Spring 2014	4.03	3.53	4.06	3.97
Spring 2015	4.09	3.94	4.41	4.28
Spring 2016	4.38	4.54	4.50	4.50
Spring 2017	3.81	3.70	4.16	3.86
Spring 2018	4.39	4.13	4.65	4.52
Course Mean	4.22	3.98	4.36	4.29

WSCI 6320 (formerly 6390)/RWSC 3390 Prescribed Burning (Combined Class)

Winter 2012, 13, 14, 15	SRIs were not conducted in winter intersessions			
Spring 2016	4.60	4.5	4.4	4.6
Spring 2017	4.63	4.92	4.5	4.59
Spring 2018	4.68	4.32	4.35	4.45
Course Mean	4.64	4.58	4.42	4.55

WSCI 6325 (formerly 6390) Fire Ecology

Fall 2011	4.50	3.83	4.17	4.33
Fall 2013	4.60	4.60	4.40	4.80
Fall 2015	4.25	3.75	4.25	4.25
Fall 2017	4.67	4.33	4.67	4.67
Course Mean	4.51	4.13	4.37	4.51

WSCI 6345 (formerly 6390) Restoration Ecology

Fall 2012	4.75	4.50	4.75	4.75
Fall 2014	4.70	4.00	4.60	5.00
Fall 2016	4.50	3.33	3.83	4.63
Fall 2018	4.67	4.0	4.33	5.0
Course Mean	4.66	3.96	4.38	4.85

Overall Average **4.46** **4.20** **4.39** **4.46**

- Question # 1—Considerate of the students during class.
- Question # 2—Presents the subject matter in a clear and organized manner.
- Question # 4—Sets high academic standards.
- Question # 11—Attempts to involve students in class discussions/activities.

Selected comments:

- Material was clear and understandable. Fall 2018.
- I learned many things I didn't know, great class. Spring 2018.
- Helpful class for career. Spring 2018
- I really enjoyed this course and feel it will help me succeed in my future career. Spring 2018
- Great class that lets you enjoy plenty of hands on experience outside of the classroom. Dr. Rideout has taught us the importance of prescribed fire along with all the steps and processes needed to conduct a prescribed fire. Spring 2017
- The professor is very highly motivated and expects quality work. The professor is well informed and presents information well and is very supportive of students work. Fall 2015
- Very interesting and hands on class. The professor was extremely helpful when the students had questions. The presentation of the material was in a way that made it understandable. The material presented will be EXTREMELY helpful in the field. Spring 2015
- Great class and Teacher really knew her stuff and was able to easily relay it to me. Fall 2014

DR. Rideout is a knowledgeable and experienced instructor. Her class is based on real life applications of the material, and she is never short on examples and real life situations that it can be and has been applied to. Spring 2014

Your class was remarkably informative helping me to understand the importance of fire in different ecosystems. Keep up the good work.—Fall 2013

Good teach, good with lots of hands on learning!—Spring 2013

Awesome class!—Fall 2012

I found the class interesting and informative.—Fall 2012

Labs are good!—Spring 2011

Class was very informative and educational.—Winter 2012

Dr. Rideout is one of the most knowledgeable professors I have ever met—Wntr 2012

Great class--Fall 2011

I thought the course was taught well—Fall 2011

Courses taught primarily by a graduate student were excluded from the table above.

Student Evaluation Scores from Texas Tech University:

<u>Student evaluation scores for Dr. Sandra Rideout-Hanzak at TTU</u>					
Answer scale is 1 (low) to 5 (high)					
<u>COURSE</u>	<u>SEMESTER</u>	<u>QUESTION # 1</u>	<u>QUESTION # 4</u>	<u>QUESTION # 7</u>	<u>QUESTION # 11</u>
<i>NRM 2301 Introductory Wildlife (also taught Summer 09—no evaluations in Summer Sessions)</i>					
	Fall 2005	4.27	4.39	4.29	4.26
	Fall 2006	4.23	4.34	4.40	4.31
<i>NRM 4100 Seminar</i>					
	Spring 2006	4.00	4.33	4.22	3.56
	Spring 2007	4.58	4.83	4.58	4.17
	Spring 2008	4.88	5.00	4.88	4.75
	Spring 2009	4.33	4.33	4.00	4.00
	Spring 2010	4.53	4.67	4.53	4.53
<i>NRM 3323/NRM 5323 Prescribed Burning/Prescribed Burning (Combined Class)</i>					
	Spring 2007	4.00	4.83	4.17	4.50
	Spring 2008	4.78	4.44	4.67	4.89
	Spring 2009	4.25	4.50	4.12	4.25
	Spring 2010	4.21	4.38	4.09	4.54
<i>NRM 4304/NRM 5304 Fire Ecology/ Fire Behavior and Ecology (Combined Class)</i>					
	Fall 2006	4.11	4.50	4.00	4.00
	Fall 2007	4.25	4.75	4.33	4.42
	Fall 2008	4.25	4.00	4.25	4.25
	Fall 2009	4.17	4.83	4.00	4.17
<u>Overall Average</u>		<u>4.32</u>	<u>4.54</u>	<u>4.30</u>	<u>4.31</u>

Question # 1-- Overall this instructor was effective.
Question # 4-- The instructor treated all students fairly.
Question # 7-- The instructor presented the information clearly.
Question # 11-- Overall this course was a valuable learning experience.

Comments:

Very good class and instructor...she makes it interesting--Fall 2005
Great teacher--Spring 2006
Dr. Rideout is responsible for me changing my study habits greatly--Fall 2006
I learned a lot from you, Thank you-- Fall 2007
We learned a lot in class...treats everyone equally--Spring 2007
Field work with burning was invaluable...very knowledgeable prof--Spring 2007
Very valuable course, taught concepts beyond just the subject matter--Fall 2008
Awesome class / A great experience / Overall great class-- Spring 2008
Everything we did was a valuable learning experience--Spring 2009
Came away with a much better understanding of fire behavior--Spring 2009
I like your earnest attitude and the way you teach--Fall 2009
The assignments are really good practice for scientific writing and very helpful--Fall 2009

Special Skills

Texas Prescribed Burner Certification, Region 5 Lead Instructor, since March 2012.
Texas Prescribed Burner Certification, Region 1 course completed, since 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), 2000

Short courses and workshops completed:

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, 15 Oct. 2012.
Working with Amphibians in Research Settings, 15 Oct. 2012.

TAMUK Transculturation Program, 2011. Included 40 hours of Spanish instruction.

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 VSMOKE, BEHAVE Plus, FARSITE, HoboWare, Excel, Access, SPSS, SAS, Minitab, PC-ORD, Power Point, Word, Word Perfect, Blackboard, WebCT.

Miscellaneous:

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

2011. Statewide Council of Prescribed Burn Associations. Honorary Member.

2006. TTU Association of Biologists, Graduate Forum Review Judge.