

Sandra Rideout-Hanzak

Certified Senior Wildland Fire Ecologist, AFE

Research Scientist, Caesar Kleberg Wildlife Research Institute
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Formal Education

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

Research Experience

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

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

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

Research Forester (Post-doc), USDA Forest Service June 2001 to Aug. 2002
Southern Research Station, Research Work Unit 4104 Disturbance and Management of Southern Pine Ecosystems, Athens, GA. Researched effects of fuels reduction on forest industry land in 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 to May 2001
Arthur Temple College of Forestry, Nacogdoches, Texas. Research Assistant responsible for all phases of research on the short-term ecological effects of prescribed burning in Texas State Parks using NPS Western Fire Monitoring protocol. Assisted elsewhere as requested.

Peer-Reviewed Publications

- Subedi, M.R., W. Xi, C. Edgar, S. **Rideout-Hanzak** and B. C. Hedquist. in review. Assessment of geostatistical methods for spatiotemporal analysis of drought patterns in East Texas, USA. *Climate Research*.
- 21) 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* in press.
- 20) 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.
- 19) 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.
- 18) 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.
- 17) 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.
- 16) Sorensen, G., D. Wester and S. **Rideout-Hanzak**. 2012. A non-destructive method to estimate standing crop of purple threeawn and blue grama. *Rangeland Ecology and Management* 65(5):538-542.
- 15) 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.
- 14) 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.
- 13) **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.
- 12) 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.
- 11) **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.
- 10) Stottley, 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.

- 9) Radke, N.J., D. B. Wester, G. Perry and S. **Rideout-Hanzak**. 2008. Short-term effects of prescribed fire on lizards in mesquite-Ashe juniper vegetation in central Texas. *Applied Herpetology* 5(3):281-292.
- 8) 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.
- 7) 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.
- 6) Fowler, C. and S. **Rideout-Hanzak**. Last modified 08/24/2005. Knowledge and attitudes about fire and fuels management among southerners. In Kennard, D. and C.T. Fowler eds. *Encyclopedia of Southern Fire Science*. (EID): 5827
<http://www.forestencyclopedia.net/Encyclopedia/Fire%20Science/>
- 5) **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.
- 4) **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.
- 3) **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.
- 2) **Rideout**, S. and M.H. Legg. 2000. Factors limiting minority involvement in interpretive programming. *Journal of Interpretation Research* 5(1):53-58.
- 1) **Rideout** Civitarese, S., M.H. Legg, and D.M. Zuefle. 1997. More thoughts on the differences between Environmental Interpretation and Environmental Education. *Legacy* Nov/Dec:10, 28-29.

Proceedings

- 12) 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.
- 11) Oswald, T. and S. **Rideout-Hanzak**. 2011. In Their Own Words: Wildfire Survivors Tell Their Stories. International Year of Forests: Linking Local, Regional, and Global Solutions. The Society of American foresters 91st National Convention. Honolulu, HI. 2-6 November 2011. *Journal of Forestry* 109(8):483-484. Poster.
- 10) Waldrop, T.A., L. Brudnak, S. **Rideout-Hanzak**. 2007. Fuel loading across the southern Appalachian landscape. Proceedings Fourteenth Biennial Southern Silvicultural Research Conference, 26 Feb. to 1 March 2007, Athens, GA. Poster.
- 9) **Rideout-Hanzak**, S., T. Waldrop, and L. Brudnak. 2006. Development of a photo guide for fuels in the southern Appalachian Mountains of northeast Georgia and western South Carolina. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA, Forest Service, Southern Research Station. pp. 518-520. Oral presentation.
- 8) Brudnak, L.A., T.A. Waldrop, and S. **Rideout-Hanzak**. 2006. A comparison of three methods for classifying fuel loading in the Southern Appalachian Mountains. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA, Forest Service, Southern Research Station. pp. 514-517. Oral Presentation.
- 7) 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. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA, Forest Service, Southern Research Station. pp. 510-513. Oral presentation.

- 6) Sparks, J., S. **Rideout-Hanzak**, and J. Eidson. 2005. Fire ecology of the Pineywoods, and Oak Woods and Prairie ecoregions. Pages 54-65 in C. G. Brown and D. Rollins, editors. Fire as a tool for managing wildlife habitat in Texas. Texas Cooperative Extension, San Angelo. USA. Oral presentation.
- 5) Vose, J., D. Van Lear, and S. **Rideout-Hanzak**, 2004. Fire Issues in the Southern Appalachians: the Good, the Bad and the Potential. *In* Proceedings of Enhancing the Southern Appalachian Forest Resource: A symposium engaging economic, ecological and social principles and practices. Hendersonville, NC. Invited oral presentation.
- 4) Waldrop, T.A., D.W. Glass, S. **Rideout**, V.B. Shelburne, H.H. Mohr and R.J. Phillips. 2004. An evaluation of fuel reduction treatments across a landscape gradient in Piedmont forests: Preliminary results of the national Fire and Fire Surrogate Study. Gen. Tech. Rep. SRS-71. Asheville, NC: USDA, Forest Service, Southern Research Station. Pp. 54-59. Oral Presentation.
- 3) Mohr, H.H., T.A. Waldrop, S. **Rideout**, R.J. Phillips and C.T. Flint. 2004. Effectiveness of fire and fire surrogate treatments for controlling wildfire behavior in Piedmont forests: A simulation study. Gen. Tech. Rep. SRS-71. Asheville, NC: USDA, Forest Service, Southern Research Station. Pp. 71-73. Poster.
- 2) Barnett, M., S. **Rideout**, B. Oswald, K. Farrish and H. Williams. 2002. Mid-rotational loblolly pine growth resulting from herbicide, prescribed fire, and fertilization treatments. *In* Outcalt, K. W. (ed.) Proceedings, Eleventh Biennial Southern Silviculture Research Conference. Knoxville, TN. Gen. Tech. Rep. SRS-48. Asheville, NC: USDA, Forest Service, Southern Research Station. Poster.
- 1) **Rideout**, S. and M.H. Legg. 1998. Factors Limiting Minority Involvement in Interpretive Programs: A Case Study. *In* Kantola, K., M. H. Legg, R. Paris, and Skrien (eds.) Interpretive Source Book: Proceedings of the National Interpreters Workshop, Anchorage, AK. National Association for Interpretation: Ft. Collins, CO. Oral presentation.

Invited Oral Presentations—no proceedings

- 10) Wester, D.B., J.L. Grace, S. **Rideout-Hanzak** and V. Acosta-Martinez. 2016. Tanglehead: Invasion by a decreaser? Symposium on Exotic and Native Invasive Species Impacts and Management on South Texas Rangeland. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX 31 Jan-4 Feb. 2016.
- 9) Wester, D.B., M.C. Lovell, V. Acosta-Martinez, F.S. Smith, S. **Rideout-Hanzak**, P. Maywald, T. Blankenship, A. Falk and K. Pawelek. 2016. Soil, seedbank, and species establishment dynamics influencing Eagle Ford Shale restoration. Symposium on Native Plant Restoration on Rangelands Impacted by Oil and Gas Production in South Texas. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX 31 Jan-4 Feb. 2016.
- 8) **Rideout-Hanzak**, S. and D.B. Wester. 2015. Heat, smoke and smoke water effects on germination. 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.
- 7) Wester, D.B., M.C. Lovell, J.B. Hoffman, F.S. Smith, V. Acosta-Martinez, P. Maywald, A. Falk, K. Pawelek, S. **Rideout-Hanzak** and T. Blankenship. 2015. Restoration of disturbed sites in southern Texas. Soil, Water and Air Spring Issues Forum. USDI Bureau of Land Management. Webinar presentation. 12 May 2015.
- 6) **Rideout-Hanzak**, S. 2013. Using prescribed fire to manage fuels in the Southern Great Plains. RTEC—Preparing for the Next Big Wildfire Season: Managing Fuels to Reduce Wildfire Risk in the Great Plains. The Future of Rangeland Fire in a Changing World. Society for Range Management 66th Annual Meeting, Technical Training & Trade Show. Oklahoma City, OK. 2-8 February 2013.
- 5) Dicus, C. and S. **Rideout-Hanzak**. 2012. Garbage in, gospel out: Uses (and misuses) of fire behavior modeling software. 6th Annual Wildland Fire Litigation Conference. Sacramento, CA.

- 4) **Rideout-Hanzak**, S. 2010. Prescribed Fire Effects Texas Coastal Prairie and Live Oak. USFWS Region 2 Refuges Fire Management Workshop. South Padre Island, TX.
- 3) **Rideout-Hanzak**, S. D.B. Wester, R.W. Weiser, C.M. Britton, C. Boal and H. Whitlaw. 2008. East Amarillo Complex wildfires: Early results and lessons learned. Association for Fire Ecology, Fire in the Southwest Conference. Large Wildfires, Lessons Learned plenary session. Tucson, AZ.
- 2) Bowker, J.M., S. **Rideout-Hanzak**, S. Lim, H.K. Cordell, G.T. Green, C.Y. Johnson and C.J. Betz. 2005. A Social Assessment of Public Knowledge, Attitudes, and Values Related to Wildland Fire, Fire Risk and Fire Recovery. Joint Fire Science Program, Principal Investigators Workshop. San Diego, CA.
- 1) **Rideout**, S. and M. Legg. 1999. Factors Limiting Minority Involvement in Interpretive Programs: A Case Study. National Association for Interpretation Region VI Workshop. Hot Springs, AK.

Volunteered Oral Presentations—no proceedings

- 51) Toomey, A.E., S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Campbell, A. Ortega-S., Jr. and V.L. Haynes. 2016. Vegetative response to season of prescribed burning in the gulf coast Prairie and Marsh ecoregion of Texas. Texas Section Society for Range Management, 2016 Annual Meeting. Uvalde, TX 11-13 Oct. 2016. Received 1st place in graduate student presentations.
- 50) 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.
- 49) 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.
- 48) 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.
- 47) 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.
- 46) Toomey, A.E., S. **Rideout-Hanzak**, D.B. Wester and D. Ruppert. 2015. Season of prescribed burning on Kleberg bluestem (*Dichanthium annulatum*) in South Texas. Texas Section, Society for Ecological Restoration, San Antonio, TX. 13-15 Nov. 2015.
- 45) 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.
- 44) McCloughan, A.C., S. **Rideout-Hanzak** and D.B. Wester. 2014. *Hoffmannseggia tenella* (slender rushpea): Understanding the competitive effects of an endangered south Texas species. Texas Plant Conservation Conference, Austin, TX. 5-8 Nov. 2014.
- 43) 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.
- 42) 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.

- 41) 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.
- 40) 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.
- 39) **Rideout-Hanzak**, S. and D.B. Wester. 2012. Heat and smoke effects on germination of select grasses and forbs of the Southern Great Plains. Fire Landscapes, Wildlife & People. Fire in the Southwest Conference. Santa Fe, NM. 27 February-1 March 2012.
- 38) 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.
- 37) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, H. Whitlaw. 2010. Plant community responses to the East Amarillo Complex wildfires in Texas. Third Fire Behavior and Fuels Conference. Spokane, WA.
- 36) Yancey, S. R., B. Dabbert, D. Wester, S. **Rideout-Hanzak**, M. Janis, and D. C. Ruthven. 2009. Grassland bird response to patch burning –grazing on sand sagebrush mesquite rangeland. 16th National Meeting of The Wildlife Society, Monterrey, CA.
- 35) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton and H. Whitlaw. 2009. Annual net primary production after the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.
- 34) Sorensen, G.E., S. **Rideout-Hanzak**, and D.B. Wester. 2009. Blue grama and purple threeawn response to summer and winter prescribed fire. 4th International Fire Congress, Savannah, GA.
- 33) Warren, T., C.B. Dabbert, S. **Rideout-Hanzak**, D.B. Wester and H. Whitlaw. 2009. Northern bobwhite habitat response to the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.
- 32) **Rideout-Hanzak**, S., D.B. Wester and H. Whitlaw. 2009. Perennial grass mortality after the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.
- 31) Beierle, M.J., S. **Rideout-Hanzak**, and D.B. Wester. 2009. Predicting grassland wildfire danger. 4th International Fire Congress, Savannah, GA.
- 30) Arroyo, R., S. **Rideout-Hanzak**, D.B. Wester, C.M. Britton and H. Whitlaw. 2009. Woody fuel loads and tree mortality in cottonwood riparian zones after the East Amarillo Complex Wildfires. 4th International Fire Congress, Savannah, GA.
- 29) Luna-Luna, M., C.M. Britton, C. Villalobos, D.B. Wester, S. **Rideout-Hanzak**, and F.J. Villanueva. 2009. Blue grama (*Bouteloua gracilis*) response to season of burn and simulated fire temperatures in the Chihuahuan desert. Soc. Range Manage. 62th Annual Meeting, Albuquerque, NM.
- 28) Anderson, W.M., E. Henry, G. Perry and S. **Rideout-Hanzak**. 2009. Ecology of the Texas Horned Lizard in Central and Northern Texas. Southwest Partners in Amphibian and Reptile Conservation, 3rd Annual Meeting. 12-13 Sep., St. George, UT.
- 27) Warren, T., C. B. Dabbert, S. **Rideout-Hanzak**, D. Wester, and H. Whitlaw. 2009. Northern bobwhite population response to the East Amarillo Complex Wildfire. 44th Annual Meeting of the Texas Chapter of The Wildlife Society.
- 26) Sorensen, G.E., S. **Rideout-Hanzak** and D.B. Wester. 2009. Multiple regression models to predict biomass of purple threeawn and blue grama: A non-destructive method to measure plant response to fire. 62th Society for Range Management Annual Meeting, Albuquerque, NM.
- 25) Roberts, A.J., C.W. Boal, S. **Rideout-Hanzak**, D.B. Wester, H.A. Whitlaw, and R.W. Weiser. 2008. Effects of the East Amarillo Complex Wildfires on the Avian Community. 15th Annual Conference of The Wildlife Society. Miami, FL.

- 24) Warren, T., B. Dabbert, S. **Rideout-Hanzak** and D.B. Wester. 2008. Northern bobwhite population response to the East Amarillo Complex wildfires. 15th Annual Conference of The Wildlife Society. Miami, FL.
- 23) Beierle, M.J., S. **Rideout-Hanzak**, D.B. Wester, C. Britton, H. Whitlaw. 2008. Vegetation impacts of the East Amarillo Complex wildfires of 2006. International Association of Wildland Fire. The '88 Fires: Yellowstone and Beyond. Jackson Hole, WY.
- 22) Roberts, A.J., C. Boal, S. **Rideout-Hanzak**. 2008. The East Amarillo Complex wildfires and effects on the avian community. Texas Chapter Wildlife Society meeting, San Antonio, TX.
- 21) Wester, D.B., S. **Rideout-Hanzak**, C.M. Britton, B. May. 2008. Effects of prescribed fire on Kuenzler's Hedgehog cactus: An endangered species in Southcentral New Mexico. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.
- 20) Britton, C.M., B. Racher, D.B. Wester, S. **Rideout-Hanzak** and M.J. Beierle. 2008. Applying Fire to Saltcedar-dominated riparian areas: Prescription, fuels reduction, and ecosystem responses. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.
- 19) Roberts, A., C.W. Boal, S. **Rideout-Hanzak**, D.B. Wester, C.M. Britton. 2008. The East Amarillo Complex wildfires and effects on the avian community. Association for Fire Ecology, Fire in the Southwest Conference. Tucson, AZ.
- 18) Weiser, R.W., S. **Rideout-Hanzak**, D.B. Wester. Jan. 2008. Early results of the East Amarillo Complex wildfires. Society for Range Management, Building Bridges: Rangelands to Grasslands conference, Louisville, KY.
- 17) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak** and G. Perry. 2007. Life history and activity patterns of Texas Horned Lizards (*Phrynosoma cornutum*) in the High Plains of Texas. Joint Meeting of Ichthyologists and Herpetologists. Athens, OH.
- 16) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak**, and G. Perry. 2007. Home Range, Life History, and Activity Patterns of Texas Horned Lizards (*Phrynosoma cornutum*) in the High Plains region of Texas. 6th National Horned Lizard Conservation Society. Fort Worth, TX.
- 15) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak** and G. Perry. 2007. Home range, life history and activity patterns of Texas horned lizards in the High Plains region of Texas. Texas Society for Ecological Restoration, 12th Annual Conference, Lubbock, TX.
- 14) Oswald, B.P., and Association for Fire Ecology **Board of Directors**. 2007. The San Diego declaration on climate change and fire management: Ramifications for fuels management. Second Fire Behavior and Fuels Conference. The Fire Environment: Innovations, Management, and Policy, Destin, FL.
- 13) Brown, S., C.M. Britton and S. **Rideout-Hanzak**. 2006. Summer and winter burn effects on Matagorda Island vegetation. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.
- 12) Britton, C.M., D. Wester, C. Villalobos, and S. **Rideout-Hanzak**. 2006. Ecological applications of fire temperatures from grassland fuels. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.
- 11) Luna-Luna, M., C.M. Britton, C. Villalobos, D. Wester, and S. **Rideout-Hanzak**. 2006. Spring and summer burning effects on four Chihuahuan desert plants. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.
- 10) Wester, D.B., N. Radke, S. **Rideout-Hanzak** and G. Perry. 2006. Effects of prescribed fire on vegetation and non-game wildlife in Central Texas. Association for Fire Ecology, 3rd International Fire Ecology Congress, San Diego, CA.
- 9) **Rideout-Hanzak**, S., D.B. Wester and G. Perry. 2006. Mortality in *Echinocereus viridiflorus* var. *viridiflorus* after wildfire followed by drought in the Southern Mixed Prairie of Texas. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.
- 8) Britton, C.M., C. Villalobos, D.B. Wester, S. **Rideout-Hanzak**. 2006. The physiological basis for timing the use of prescribed fires: A basic principle. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.

- 7) Radke, N., G. Perry, D. Wester, S. **Rideout-Hanzak**. 2006. Short-term effects of prescribed fire on vegetation and non-game wildlife in Central Texas. Texas Chapter Society of Ecological Restoration, 11th Annual conference, Hunt, TX.
- 6) **Rideout-Hanzak**, S., R.J. Phillips, and T.A. Waldrop. 2003. Effects of fire intensity on vegetative composition in Piedmont loblolly-shortleaf pine communities: Preliminary results of the National Fire and Fire Surrogate Study. Second International Wildland Fire Conference. Orlando, FL.
- 5) **Rideout**, S., M. Bowker, C. Johnson, and G. Green. 2002. A Social Assessment of Public Knowledge, Attitudes, and Values related to Wildland Fire, Fire Risk, and Fire Recovery. Ninth International Symposium on Society and Resource Management. Bloomington, IN.
- 4) **Rideout**, S., B.P. Oswald and M.H. Legg. 2002. Ecological, Political and Social Ramifications of Prescribed Fire Restoration in East Texas Pineywoods Ecosystems: A Case Study. Forest Restoration in the Boreal and Temperate Zones, International Union of Forest Research Organizations. Vejle, Denmark.
- 3) Rickard, J., S. **Rideout** and D.D. Wade. 2001. Preliminary Report of Herbaceous Response to Biennial Burns Applied at Different Dates during the Growing Season. Natural Areas Association Conference. Cape Canaveral, FL.
- 2) **Rideout**, S. and M. Legg. 2000. Outdoor Recreation Preferences and Perceived Barriers for Minorities in Fort Worth, Texas. South East Region Recreation Conference. Charleston, SC.
- 1) **Rideout** Civitarese, S. and M. Legg. March 1998. Focus Groups for Hard to Gather Information: A Case Study. National Association for Interpretation Region VI Workshop. Nacogdoches, TX.

Poster Presentations—no proceedings

- 47) Haynes, V.L., A.E. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-S., D.B. Wester, T. E. Fulbright, H. Perotto-Baldivieso, T. A. Campbell, A. Ortega-S., Jr. 2016. Prescribed patch burning in cordgrass rangelands on ungulate distribution. 2016. 3rd Southwest Fire Ecology Conference. Tucson, AZ 28 Nov-2 Dec. 2016.
- 46) Mata, J., H.L. Perotto-Baldivieso, F. Hernandez, E.D. Grahmann, S. **Rideout-Hanzak**, J. Edwards, J. Robles and M.T. Page. 2016. Factors influencing the spread of tanglehead (*Heteropogon contortus*) on South Texas Rangelands. GIS Day. Corpus Christi, TX. 16 Nov. 2016.
- 45) Allred, K., V.L. Haynes, A.E. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-S and D.B. Wester. 2016. Effects of prescribed fire on digestible energy of gulf cordgrass and seacoast bluestem. Texas Section Society for Range Management, 2016 Annual Meeting. Uvalde, TX 11-13 Oct. 2016.
- 44) Haynes, V., A.E. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-S., D.B. Wester, T.E. Fulbright, H. Perotto-Baldivieso, T.A. Campbell, A. Ortega-S., Jr. 2016. Prescribed patch burning in Gulf cordgrass rangelands on ungulate distribution. Texas Section Society for Range Management, 2016 Annual Meeting. Uvalde, TX 11-13 Oct. 2016.
- 43) Plata, J. E., S.E. Henke and S. **Rideout-Hanzak**. 2016. Do small mammals cause spot fires during prescribed burns? Fact or urban legend? 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb 2016.
- 42) Haynes, V.L., A. Toomey, S. **Rideout-Hanzak**, J. Alfonso Ortega-Santos, D. B. Wester, T.E. Fulbright, H. Perotto-Baldivieso, T.A. Campbell, and A. Ortega-S., Jr. 2016. Effects of fall and spring patch burning in coastal cordgrass communities on East el Sau Ranch, Texas USA. 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb 2016.
- 41) Gulick, L.R., D.B. Wester, J. Alfonso Ortega-Santos, S. **Rideout-Hanzak**, S. D. Lukefahr, R. Stanko and D.E. Ruppert. 2016. Management intensive grazing for improved soil health. 52nd Annual Meeting of the Texas Chapter of the Wildlife Society. San Antonio, TX 18-20 Feb 2016.

- 40) Mata, J., H.L. Perotto-Baldivieso, F. Hernandez, E. Grahmann, S. **Rideout-Hanzak** and J. Edwards. 2016. Mapping the spatial distribution of tanglehead (*Heteropogon contortus*) on South Texas rangelands. 69th Annual Meeting Subtropical Agriculture and Environments Society. Weslaco, TX. 6 Feb. 2016.
- 39) Haynes, V., A. Toomey, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Fulbright, H. Perotto-Baldivieso, T.A. Campbell and A. Ortega-S., Jr. 2015. Effects of patch burning in cordgrass on grazing behavior of cattle and nilgai on East el Sauz Ranch, Texas, USA. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX. 31 Jan-4 Feb. 2016.
- 38) Mata, J., H.L. Perotto-Baldivieso, F. Hernandez, E. Grahmann, S. **Rideout-Hanzak**. 2016. Mapping the spatial distribution of tanglehead (*Heteropogon contortus*) on South Texas rangelands. 69th Annual SRM Meeting, Technical Training & Trade Show. Corpus Christi, TX. 31 Jan-4 Feb. 2016.
- 37) Haynes, V., A. Toomey, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Fulbright, H. Perotto-Baldivieso, T.A. Campbell and A. Ortega-S., Jr. 2015. Effects of patch burning in cordgrass on grazing behavior of cattle and nilgai on East el Sauz Ranch, Texas, USA. 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.
- 36) Plata, J.E. S.E. Henke and S. **Rideout-Hanzak**. 2015. Do small mammals cause spot fire during prescribed burns? Fact or urban legend? 6th International Fire Ecology and Management Congress, San Antonio, TX. 16-20 Nov. 2015.
- 35) Haynes, V., A. Toomey, S. **Rideout-Hanzak**, D.B. Wester, J.A. Ortega-S., T. Campbell, T. Fulbright, H. Perotto. 2015. Comparison of seasonal prescribed burning on coastal cordgrass vegetative communities. Texas Section, Society for Ecological Restoration, San Antonio, TX. 13-15 Nov. 2015.
- 34) Subedi, M., W. Xi, S. **Rideout-Hanzak** and C. Edgar. 2015. Evaluating extreme drought-induced tree mortality and biomass loss in east Texas using Forest Inventory and Analysis (FIA) data. Annual Pathways Symposium, Texas A&M University System. Corpus Christi, TX. 22-23 Oct. 2015.
- 33) Subedi, M., W. Xi, C. Edgar and S. **Rideout-Hanzak**. 2015. Evaluating extreme drought-induced tree mortality and biomass loss in east Texas using Forest Inventory and Analysis (FIA) data. Ecological Science at the Frontier. 100th ESA Annual Meeting. Baltimore, MD. 9-14 Aug. 2015.
- 32) Toomey, A., S. **Rideout-Hanzak** and D.B. Wester. 2015. Season of prescribed burning on Old World bluestem mortality. Texas Chapter of The Wildlife Society, Corpus Christi, TX. 19-21 Feb. 2015.
- 31) Toomey, A., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of Prescribed burning on Old World bluestem mortality. 65th Annual Texas Section, Society for Range Management meeting, Alpine and Marfa, TX. 7-9 Oct. 2014.
- 30) Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of prescribed burning on Old World bluestem communities. Texas Invasive Plant and Pest Conference, Port Aransas, TX. 26-28 Feb. 2014.
- 29) Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Seed bank response to season of prescribed burning in old world bluestem communities. Texas Invasive Plant and Pest Conference, Port Aransas, TX. 26-28 Feb. 2014.
- 28) Toomey, A.E., S. **Rideout-Hanzak** and D.B. Wester. 2014. Season of prescribed burning on Old World bluestems. 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014.
- 27) Coston, M.C., D.B. Wester, V. Acosta-Martinez, F. Smith, P. Maywald, S. **Rideout-Hanzak** and T. Blankenship. 2014. Soil microbial characteristics and seed bank dynamics of stock-piled top soils in the western Rio Grande plains. 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014.

- 26) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and A. Ortega-Sanchez. 2014. Effects of tanglehead invasion on ecosystem processes in the Texas coastal sandsheet. 50th Annual Meeting, Texas Chapter of The Wildlife Society, Austin, TX. 19-22 Feb. 2014.
- 25) Toomey, A., S. **Rideout-Hanzak**, D.B. Wester. 2013. Season of prescribed burning on old world bluestems. 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.
- 24) McCloughan, A., S. **Rideout-Hanzak**, D.B. Wester. 2013. Slender rush-pea (*Hoffmannseggia tenella*): Conservation through management—A case study. 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.
- 23) Coston, M.C., D.B. Wester, F.B. Smith, P. Maywald, V. Acosta-Martinez, S. **Rideout-Hanzak** and T. Blankenship. 2013. Characteristics of stock-piled top soils in the western Rio Grande Plains. (poster). 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.
- 22) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and J.A. Ortega-S. 2013. Effects of tanglehead (*Heteropogon contortus*) invasion on ecosystem process in the Texas Coastal Sandsheet (poster). 11th Annual Pathways Student Research Symposium, Texas A&M University System. 8 Nov. 2013. Kingsville, TX.
- 21) Toomey, A. S. **Rideout-Hanzak**, D.B. Wester and D. Ruppert. 2013. Season of prescribed burning on Old World Bluestems. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX.
- 20) Coston, M.C., D.B. Wester, F.B. Smith, P. Maywald, V. Acosta-Martinez, S. **Rideout-Hanzak** and T. Blankenship. 2013. Characteristics of stock-piled top soils in the western Rio Grande Plains. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 Nov. 2013. Junction, TX.
- 19) Grace, J.L., D.B. Wester, V. Acosta-Martinez, S. **Rideout-Hanzak** and J.A. Ortega-S. 2013. Effects of tanglehead (*Heteropogon contortus*) invasion on ecosystem process in the Texas Coastal Sandsheet. Joint Conference of the Texas Section, Society for Ecological Restoration and the Texas Riparian Association, 1-2 November, 2013. Junction, TX.
- 18) **Rideout-Hanzak**, S., D.B. Wester and B.P. Oswald. 2013. Native Grassland Community Composition following the East Amarillo Complex Wildfires. 4th Fire Behavior and Fuels Conference. 1-4 Jul. 2013. St. Petersburg, Russia.
- 17) **Rideout-Hanzak**, S., R.V. Ross, P.S. Crump and S.E. Henke. 2013. The nose knows: Using a conservation dog to locate endangered Houston toads. Wildlife at the Edge: Managing at the Urban-Wildland Interface. 49th Annual Meeting of the Texas Chapter of The Wildlife Society. Houston, TX. 21-23 Feb. 2013.
- 16) Edwardson, J. S. **Rideout-Hanzak** and D.B. Wester. 2013. Litter effects on tanglehead (*Heteropogon contortus*) seedling emergence: Implications for prescribed fire and tanglehead control. Wildlife at the Edge: Managing at the Urban-Wildland Interface. 49th Annual Meeting of the Texas Chapter of The Wildlife Society. Houston, TX. 21-23 Feb. 2013.
- 15) Grahmann, E., W. Frederick, M. Lesak, Z. Pearson and S. **Rideout-Hanzak**. 2013. Choosing Native or non-native plants for rangeland restoration plantings: A systems thinking approach. Rangeland Cup Competition. The Future of Rangeland Fire in a Changing World. Society for Range Management 66th Annual Meeting, Technical Training & Trade Show. Oklahoma City, OK. 2-8 Feb. 2013.
- 14) **Rideout-Hanzak**, S. and D.B. Wester. 2012. Slender Rush-pea (*Hoffmannseggia tenella*): Conservation through Management—A Case Study. Texas Society for Ecological Restoration Conference. Weslaco, TX. 2-4 Nov. 2012.
- 13) Edwardson, J. S. **Rideout-Hanzak** and D.B. Wester. 2012. Litter effects on tanglehead (*Heteropogon contortus*) seedling emergence: Implications for prescribed fire and tanglehead control. Texas Society for Ecological Restoration Conference. Weslaco, TX. 2-4 Nov. 2012.

- 12) Neessen, P., S. **Rideout-Hanzak**, D. Wester and G. Schuster. 2011. Soil and Vegetation Properties along a Salinity Gradient near Baffin Bay, Texas. 9th Annual Pathways Student Research Symposium, College Station, TX.
- 11) **Rideout-Hanzak**, S. and T. Oswald. 2010. The East Amarillo Complex survivors: Telling their stories. International Association of Wildland Fire, 2nd Human Dimensions of Wildland Fire Conference, San Antonio, TX.
- 10) Fultz, L., G. Sorensen, F. Cornejo, J. Moore-Kucera, S. **Rideout-Hanzak**, D. Wester. 2010. Short-term effects of prescribed burn frequency on rangeland soils. ASA, CSSA, and SSSA 2010 International Annual Meetings, 31 Oct.-4 Nov. Long Beach, CA.
- 9) Lim, S.H., J.M. Bowker, S. **Rideout-Hanzak**, H.K. Cordell, C.Y. Johnson, G.T. Green. 2007. Public Opinion on Wildland Fire and Fire Risk: An Examination of Socio-economic Factors. 13th International Symposium on Society & Resource Management, Park City, UT.
- 8) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak** and G. Perry. 2007. Life history and activity patterns of Texas horned lizards in the High Plains region of Texas: Preliminary results. From Incubation to Infancy: The (Re)Birth of a Region, Southwest Partners in Amphibian and Reptile Conservation. First Annual Meeting, Albuquerque, NM.
- 7) Waldrop, T.A., L. Brudnak, S. **Rideout-Hanzak**. 2007. Fuel loading across the southern Appalachian landscape. USDA Forest Service Southern Research Station All Scientist Meeting, Lake Lanier, GA. Meeting book; p. 133, and 2nd Fire Behavior and Fuels Conference, Destin, FL.
- 6) Diaz, J., J. Goldfarb, S. **Rideout-Hanzak**, and G. Perry. 2006. Historia de Vida y Patrón de Actividades de las Lagartijas Cornudas Tejanas (*Phrynosoma cornutum*) en las Atlas Planicies de Texas: resultados preliminares. Mexican Herpetological Society annual meeting. Mexico.
- 5) **Rideout-Hanzak**, S., J.M. Bowker, H.K. Cordell, C.Y. Johnson, C.J. Betz, S. Lim and G.T. Green. 2005. Got trust? Nationwide survey results concerning public trust in government fuels and fire management, and preferences regarding fuels reduction methods. Tall Timbers 23rd Fire Ecology Conference. Fire in Grassland and Shrubland Ecosystems. Bartlesville, OK.
- 4) Waldrop, T.A. and S. **Rideout-Hanzak**. 2004. The use of hyperspectral imaging to estimate fuel loads in the southern Appalachians. USDA Forest Service, Southern Research Station, All Scientists Meeting. Atlanta, GA.
- 3) Waldrop, T.A., M.A. 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.
- 2) Waldrop, T.A., H.H. Mohr and S. **Rideout-Hanzak**. 2003. Fuels and fire behavior vary by fuel-reduction treatment and landscape position. Second International Wildland Fire Conference. Orlando, FL.
- 1) Outcalt, K., D. Wade and S. **Rideout**. 2003. Restoring flatwoods longleaf communities: Results from long-term burning on the Osceola National Forest. Coastal Plains Chapter of Society for Ecological Restoration International Conference. Athens, GA.

Books

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

Book Contributions

- Rideout-Hanzak, S.** Mejoramiento mecánico y químico del hábitat. Pages 53-58 in Rideout-Hanzak, S., J. G. Villarreal González, D. Hewitt, R. DeYoung, A. A. T. Conkey, J. A. Ortega-S., editors. Manejo de Ranchos Cinegéticos: Por Donde Empezar? 2015. Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.
- Rideout-Hanzak, S.** Quema prescrita. Pages 37-52 in Rideout-Hanzak, S., J. G. Villarreal González, D. Hewitt, R. DeYoung, A. A. T. Conkey, J. A. Ortega-S., editors. Manejo de Ranchos Cinegéticos: Por Donde Empezar? 2015. Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.
- Legg, M.H. and S. **Rideout**. 1998. Management of Social Values. Page 131 in Kulhavy, D. L. and M. H. Legg, editors. Wilderness and Natural Areas in Eastern North America. Center for Applied Studies, Stephen F. Austin State University: Nacogdoches, TX. 332 pp. (book chapter intro)

Publications for Lay Audiences

- 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.

Presentations for Lay Audiences

- Rideout-Hanzak, S.** 2016. CKWRI & Prescribed Burning Research. South Texas Property Rights Association meeting.
- Rideout-Hanzak, S.** 2016. Lyme & other tick-borne diseases: What are our risks in Texas? CKWRI Seminar. Kingsville, TX. 29 Apr. 2016.
- Rideout-Hanzak, S.** 2015. Using prescribed burns in an IPM program. Texas Ag Industries, South Texas Regional Meeting, Kingsville, TX. 1 Oct. 2015.
- Rideout-Hanzak, S.** 2015. Restoration and Fire Ecology. Las Huellas. Rancho Viejo, Brownsville, TX. 18 Aug. 2015.
- 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.
- Rideout-Hanzak, S.** 2014. Lyme & other tick-borne illnesses: What are our risks in Texas? CKWRI Seminar. Kingsville, TX. 23 Sep. 2014.
- Rideout-Hanzak, S.** 2014. Fire on the Landscape. CKWRI Partner Seminar and Reception. River Oaks Country Club, Houston TX. 30 Sep. 2014.
- Rideout-Hanzak, S.** 2014. Fire on the Landscape. Texas Quail Short Course, III. 20-21 Aug. 2014.
- Rideout-Hanzak, S.** 2013. Habitat restoration using prescribed fire. Wildlife without Borders-Mexico workshop. Kingsville, TX. 10-14 June 2013.
- 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.
- Rideout-Hanzak, S.** 2012. Video interview for an exhibit about Careers in Science and Nature at the Perot Museum of Nature and Science. Dallas, TX. Sep. 22, 2011. Exhibit opened in 2012.

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

Unpublished Reports

- Rideout-Hanzak, S. and D.B. Wester.** 2015. Plant Species Inventory and Vegetation Survey for Naval Air Station Kingsville, Kleberg County, Texas. Final Report to The U.S. Department of the Navy. Cooperative Agreement Number: W9126G-12-2-0028 between TAMUK and The U.S. Department of the Navy. 39 pp.
- Rideout-Hanzak, S. and D.B. Wester.** 2015. Plant Species Inventory and Vegetation Survey for Dixie Annex, McMullen County, Texas. Final Report to The U.S. Department of the Navy. Cooperative Agreement Number: W9126G-12-2-0028 between TAMUK and The U.S. Department of the Navy. 27 pp.
- Rideout-Hanzak, S. and D.B. Wester.** 2015. Plant Species Inventory and Vegetation Survey for Naval Auxiliary Landing Field Orange Grove, Jim Wells County, Texas. Final Report to The U.S. Department of the Navy. Cooperative Agreement Number: W9126G-12-2-0028 between TAMUK and The U.S. Department of the Navy. 32 pp.
- Rideout-Hanzak, S.** 2015. Final Report on Rangeland Assessment for Pan American Presbyterian School. Submitted to Pan Am School. 38 pp.
- Rideout-Hanzak, S. and D.B. Wester.** 2014. Final Report: *Hoffmannseggia tenella* (Slender Rush-pea): Evaluating Competitive Effects and Management Techniques on an Endangered South Texas Species. Submitted to U.S. Fish & Wildlife Service. 47 pp.
- Wester, D.B. and S. **Rideout-Hanzak.** 2011. Ecological Guidance and Standards for Utilization of Native Plant Species on U.S. Army Lands: Plant Species Suitable for Ecological Restoration. Final Report to: U.S. Army Corps of Engineers, Engineer Research and Development Center, Construction Engineering Research Laboratory, Agreement No. W9132T-10-2-0053 between Texas Tech University and U.S. Army Corps of Engineers. Published as Public Works Technical Bulletin 200-1-90: *Guidance on Native Plant Species Suitable for Ecological Restoration*, 40 pp.

Funded Grants (Total: \$1,400,857.)

- 26) **Rideout-Hanzak, S., D.B. Wester, A. Ortega-S., and T. Fulbright.** 2015. Comparison of seasonal burning on cordgrass community composition and livestock distribution on the East Foundation's El Sauz Ranch. East Foundation. \$255,926. 3 years.
- 25) **Rideout-Hanzak, S.** 2014. Restoration of native plants and pollinators at South Pasture. Service Learning Course. TAMUK Service Learning Program. \$10,000. 1 year.
- 24) Ruppert, D., S. **Rideout-Hanzak**, R. Stanko, S. Lukefahr, D.B. Wester and A. Ortega-S. 2013. Evaluating the ecological benefits of management-intensive grazing. \$15,000. 1 year.
- 23) **Rideout-Hanzak, S.** Prescribed Burning Equipment. 2013. Title V-PPOHA Research Equipment mini-grant. \$10,000. 1 year.
- 22) **Rideout-Hanzak, S., A. Ortega-S, R. DeYoung, D. Hewitt, A.T. Conkey, F. Bryant, J. Villarreal.** 2013. Capacity building for sustainable wildlife management on private lands in Mexico. USDI, Wildlife without Borders – Mexico. \$25,000. for 1 year.

- 21) Wester, D.B., F. Smith, V. Acosta-Martinez, P.D. Maywald, S. **Rideout-Hanzak** and T.L. Blankenship. 2013. Restoration of mixed soils. Houston Area Research Consortium. \$108,754. 2 years.
- 20) Wester, D.B., F. Smith, V. Acosta-Martinez, P.D. Maywald, S. **Rideout-Hanzak** and T.L. Blankenship. 2013. Effects of age and depth on topsoil properties and seed bank characteristics. Houston Area Research Consortium. \$72,882. for 2 years.
- 19) **Rideout-Hanzak**, S. 2013. University Travel Grant. Texas A&M University-Kingsville. \$500.
- 18) **Rideout-Hanzak**, S., R. Ross, P. Crump, S. Henke. 2012. Using trained search dogs to detect endangered Houston toads (*Bufo houstonensis*). Seeligson Conservation Fund. \$2,500. 1 year.
- 17) Ortega, A., S. **Rideout-Hanzak**, D. Wester, T.M. Langschieb and W.P. Kuvlesky, Jr. 2012. Biological resources inventory for rare, threatened, and endangered plants and birds at Naval Air Station Kingsville and associated properties. USDoD, Navy. \$82,029. 2012-2014.
- 16) **Rideout-Hanzak**, S. and D.B. Wester. 2012. Effects of season of prescribed burning on invasive grasses of south Texas. The Rotary Club of Corpus Christi Harvey Weil Sportsman Conservationist Award. 1 year. \$4,997.
- 15) Ortega, A., F. Bryant, T. Fulbright and S. **Rideout-Hanzak**. 2011. Effects of prescribed burning as maintenance treatment for roller chopped areas of mixed brush plant communities on herbaceous vegetation and invasive species. USDA, Natural Resources Conservation Service. \$70,716.00.
- 14) **Rideout-Hanzak**, S. and D.B. Wester. 2011. Survey of soil salinity and native range vegetation at Site 55. Texas A&M University-Kingsville, Associate Vice-President for Research. \$9,963.
- 13) Wester, D.B. and S. **Rideout-Hanzak**. 2010. Ecological guidance and standards for utilization of native plant species on U.S. Army lands: Plant species suitable for ecological restoration. U.S. Army Corps of Engineers, Engineer Research and Development Center, Construction Engineering Research Laboratory. \$30,000.
- 12) Masters, R., S. **Rideout-Hanzak**, B. Oswald, R. Gray. 2009. AFE 4th International Fire Ecology and Management Congress: Fire as a Global Process. Joint Fire Science Program. \$35,000.
- 11) Gipson, P., S. **Rideout-Hanzak**, M.C. Wallace, D.B. Wester, B.M. Knudsen. 2008. Population Assessments of feral hogs in the Upper Brazos watershed: Part 1: Preliminary mapping of abundance and distribution. Houston Livestock Show & Rodeo. \$25,375.
- 10) Perry, G., S. **Rideout-Hanzak**, D.B. Wester. 2008. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards at Camp Bowie. Texas Army National Guard. \$60,082.
- 9) Perry, G., S. **Rideout-Hanzak**, D.B. Wester. 2008. Abundance, habitat use, and seasonal activity patterns of Texas Horned Lizards – TANG. Texas Army National Guard. \$5,000.
- 8) Dabbert, C.B., D. Wester, S. **Rideout-Hanzak**. 2008. Grassland bird response to patch burning and grazing on sand sagebrush-mesquite rangeland. Texas Parks and Wildlife Department. \$144,886 for 3 year project.
- 7) **Rideout-Hanzak**, S., D.B. Wester and D. Schwilk. 2008. Evaluation of woody plant communities two years after the East Amarillo Complex wildfires. Texas Tech University, Vice President for Research. \$34,507/1 year.
- 6) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, C. Boal, H. Whitlaw. 2006. Vegetation, soil and avian responses to the East Amarillo Complex Wildfires of the Texas panhandle: Management Implications. USDA Natural Resources Conservation Service, Fish and Wildlife Conservation Grants. \$199,910 for 3 year project.
- 5) **Rideout-Hanzak**, S., D.B. Wester, C.M. Britton, C. Boal, H. Whitlaw. 2006. Vegetation, soil and avian responses to the East Amarillo Complex Wildfires of the Texas panhandle: Management Implications. Texas Parks and Wildlife Department. \$45,000 at \$15,000/year for 3 years.
- 4) **Rideout-Hanzak**, S. 2006. Threawn (*Aristida* spp.) responses to burn barrel simulations of prescribed fire. Texas Tech University, College of Agriculture and Natural Sciences. \$7,500.

- 3) Bowker, J.M., G.T. Green, C.Y. Johnson and S. **Rideout**. 2001. A Social Assessment of Public Knowledge, Attitudes and Values Related to Wildland Fire, Fire Risk and Fire Recovery. Joint Fire Sciences Program. \$103,000/3 years.
- 2) Oswald, B.P. and S. **Rideout**. 1999. Vegetative response and restoration ecology as a result of prescribed burning in Bastrop State Park. Texas Parks and Wildlife. \$5,000/2 years.
- 1) Oswald, B.P. and S. **Rideout**. 1999. Vegetative response and restoration ecology as a result of prescribed burning in four Texas state parks. Texas Parks and Wildlife. \$10,320/2 years.

Pending Grants

Accelerating Maturation Time of Thornscrub Habitat for Ocelots, Texas Parks & Wildlife Department, Section 6, Rideout-Hanzak, Wester, Tewes, Smith, Ruppert. \$99,680.16

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. U.S. Forest Service, W. Xi, C. Edgar, S. Rideout-Hanzak. \$155, 220

Native habitat restoration and conservation on oil and gas sites in wetland, coastal, and nearshore ecosystems. Submitted to NRDA-DWH-TIG as a HARC subcontractor. TAMUK portion \$269,154 for 3 years.

Teaching Experience

Associate Professor, Texas A&M University-Kingsville Aug. 2013 to present
 Dept. of Animal, Rangeland and Wildlife Sciences. Teach graduate and undergraduate courses.

Assistant Professor, Texas A&M University-Kingsville Aug. 2010 to Aug. 2013
 Department of Animal, Rangeland and Wildlife Sciences. Taught graduate and undergraduate courses.

Courses taught:

WSC1 6390	Fire Ecology	RWSC 1110	Introduction to Wildlife Profession
WSC1 6390	Prescribed Fire	RWSC 2323	Principles of Range Management
RWSC 3390	Prescribed Fire	RWSC 2330	Principles of Wildlife Management
WSC1 6390	Restoration Ecology	RWSC 4319	Methods in Rangeland Ecology

Student evaluation scores for Dr. Sandra Rideout-Hanzak at TAMUK					
Answer scale is 1 (low) to 5 (high)					
<u>COURSE</u>	<u>SEMESTER</u>	<u>QUESTION # 1</u>	<u>QUESTION # 2</u>	<u>QUESTION # 4</u>	<u>QUESTION # 11</u>
<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
<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
RWSC 1110 Introduction to Wildlife Professions				
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)			
WSC1 6390/RWSC 3390 Prescribed Burning/Prescribed Burning (Combined Class)				
Winter 2012, 13, 14, 15	SRIs are not conducted during winter intersession			
Spring 2016	4.60	4.5	4.4	4.6
WSC1 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
WSC1 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	<u>4.50</u>	<u>3.33</u>	<u>3.83</u>	<u>4.63</u>
Overall Average	4.42	4.14	4.33	4.40

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:

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.

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

Courses taught:

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

Student evaluation scores for Dr. Sandra Rideout-Hanzak at TTU

<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</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
<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
<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>4.27</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.					
<u>Comments:</u>					

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

All courses at TTU were taught by Dr. Rideout-Hanzak (no teaching assistants)

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

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

Graduate Student Chairperson and Committees

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

Graduate Committee Chair, in progress:

Victoria Haynes. M.S. Expected completion Dec. 2017. Seasonal burning effects on livestock distribution in cordgrass communities of the Texas Coastal Plains

Graduate Committee Chair, completed:

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

Graduate Committee member, in progress:

Joshua Grace, Ph.D. expected graduation Dec 2016. Effects of invasive grasses on ecosystem processes along an invasion gradient in South Texas, USA.

Ryan Piltz, M.S. expected graduation Dec. 2016.

Jose Mata, M.S. expected graduation May 2017.

Samantha Wolfe, M.S. expected graduation May 2017.

Graduate Committee member, completed:

2. Mukti Subedi, M.S. Aug. 2016. Evaluating geospatial distribution of drought, drought-induced tree mortality and biomass loss in East Texas, USA. Department of Biological and Health Sciences.
1. Mylea Lovell, M.S. Aug. 2015. Characteristics of stockpiled topsoil in the Western Rio Grande Plains.

Texas Tech University, Dept. of Natural Resources Management:

Graduate Committee Chair or Co-chair, completed, 3 total:

- Micah-John Beierle. M.S. Dec. 2012. (Original chair, became co-chair after leaving TTU per regulation) Biophysical and human characteristics of wildfire ignition in the Shortgrass Prairie Region of Texas.
- Grant Sorensen. M.S. May 2010. co-chair. Summer and winter burn effects on warm season grasses in the Southern Great Plains.
- Emily Henry. M.S. Dec. 2009. co-chair. Ecology, home range, and habitat selection of the Texas horned lizard (*Phrynosoma cornutum*) in the Southern High Plains of Texas.

Graduate Committee member, completed, 7 total:

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

Clemson University, Graduate Committee Member, completed, 2 total:

- Bransford, Jeffery J. M.S. May 2005. Committee. 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. Committee. 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, Undergraduate advisor:

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

Career advisor for approximately 25 undergraduates annually from Fall 2013 to present.

Course and career advisor for approximately 25 undergraduates annually from Fall 2010 to Fall 2013.

TTU, Dept. of Natural Resources Management, Undergraduate advisor:

Course and career advisor for approximately 25 undergraduates annually from 2005 to 2010.

Paid Consulting

- Rideout-Hanzak, S. and D.B. Wester. 2011. Effects of summer burning on slender rush-pea (*Hoffmannseggia tenella*). USDI Fish & Wildlife Service.
- Bastrop County Wildfire. 2011. Consultant to Carlson, Calladine and Peterson, LLP. Effects of the Bastrop County wildfire on ecosystem services.
- Wildfire. 2008. Consultant to City of Lubbock in re: Brad White vs. City of Lubbock. Rangeland damages estimation.
- Borger Wildfire. 2006. Consultant to Haynes and Boone law firm, Fort Worth, in re: No. 9840, Burnett Ranches, et al. vs. Cano Petroleum. Cause and origin, Fire behavior modeling.

Special Skills and Certifications

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

Texas Certified and Insured Prescribed Burn Manager program:

Lead Instructor, Texas Certified and Insured Prescribed Burner Certification course, since March 2012.
Texas Prescribed Burner Certification course completed, Dec 6, 2008.

National Wildfire Coordinating Group (NWCG) certifications:

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

American Red Cross:

- 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.

Short courses and workshops completed:

CITI Collaborative Institutional Training Initiative:

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

Access I. Texas Tech University, September 2008.

Access II. Texas Tech University, September 2008.

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

Courses taught by Texas Tech University, Teaching, Learning and Technology Center:

- Zen and the Art of Powerpoint, 2007
- FrontPage: Basics, 2006
- WebCT: 2005: I: Basic Training
 - II: Communication Tool
 - III: Creating Content Modules
 - IV: Using the Quiz Tool

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

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

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

Blackboard software courses by Clemson University Educational Technology Services:

Introductions: Getting Started, August 2004.

Course Building: Adding content to your course, August 2004.

Assessments: Gradebook Basics, August 2004.

Assessments: Creating Online Tests and Assignments, September 2004.

Assessments: Extending Blackboard's Gradebook, September 2004.

Communications: Discussion Boards, Chats and Virtual Classrooms, September 2004.

Other courses and workshops by Clemson University Education Technology Services:

Digital Photography as a Teaching Tool, February 2005.

How to Get Students to do the Writing, February 2005.

Fast and Fair Methods to Grade Writing, February 2005.

Teaching your Students how to Read Academic Material, February 2005.

Creating a persona that commands classroom civility, January 2005.

Introduction to Breeze Live, October 2004.

Every voice heard: Technology serving class participation needs, August 2004.

Access 2002 Levels 1 and 2, October and November 2003.

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

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

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

Software skills:

Experienced with BEHAVE Plus and FARSITE fire behavior modeling software, Excel, Access, SPSS, SAS, HoboWare, PC-ORD, PowerPoint, Word, Word Perfect, Blackboard, WebCT.

Honors and Awards

Texas A&M University-Kingsville:

Sponsored Research Merit and Compliance Award, 2013. (\$233.76 award).

Dick & Mary Lewis Kleberg College of Agriculture, Natural Resources and Human Sciences:
2012 Junior Teacher Award

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

Texas Tech University:

Alumni Association, 2010, New Faculty Award Winner (\$500.00 award) one of 8 recipients campus-wide.

College of Agricultural Sciences and Natural Resources:

2008 Master Teacher Award, one of 12 recipients in the college

2008 Nominee for AASCARR Distinguished Young Educator Award

2008 Nominee for USDA Excellence in College and University Teaching in the Food and
Agricultural Sciences New Teacher Award

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

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

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

National Association for Interpretation Region VI Scholarship, 1999-2000 (\$300.00 award for academic excellence 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.

Professional Organization Memberships

Association for Fire Ecology: Charter member since 2000

Natural Areas Association: Member 2017-2022

The Wildlife Society: Member since 2013

Texas Chapter of The Wildlife Society: Lifetime member since 2013

Society for Range Management: Member since 2006

The Scientific Research Society, (*Sigma Xi*): Member since 2006

International Association for Wildland Fire: Member since 2010

Society of American Foresters: Member 1998-2003

National Association for Interpretation: Member 1994-1999

National Forestry Honor Society, (*Xi Sigma Pi*): Member since 1994

Professional and Community Service

Texas Prescribed Burn Board:

Advisory Board Member, appointed 2013.

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

Member (state legislative appointment), August 2006 to 2010.

Texas Certified and Insured Prescribed Burn Manager program:

Lead Instructors group, Online education committee member, 2012-13.
Region 5 contact, 2013 to present.

Texas A&M University-Kingsville committees:

University: 2016-2018. Calendar Committee
2015/2016. International Exchange Education Fund Scholarship Committee
2011. University Safety Committee
College: 2016. Scholarship Committee
2012. Freshman Fajita Fiesta, College Faculty Team
2010, -11, -13. AgOlympics Planning Committee
Department: 2014. Departmental Tenure Continuation Committee—Chair
2013-2014. CKWRI GIS Specialist Search Committee—Member
2011, 2012. Wildlife Education Specialist Search Committee—Chair

COE Eagle Ford Center for Research, Education and Outreach Internal Advisory Board member,
appointed 2014.

Association for Fire Ecology (international society)

Steering Committee Chairperson: 6th International Fire Ecology and Management Congress, 16-
20 Nov. 2015, San Antonio, TX.

Reviewed abstracts for Human Dimensions session, Aug. and Sep. 2015

Steering Committee Member: 5th International Fire Ecology and Management Congress, 3-7
Dec. 2012, Portland, OR.

Board of Directors:

Vice-President 2009 and 2010.

Board Member 2007 to 2010.

Board Secretary 2003.

Steering Committee Chair: 4th International Fire Ecology and Management Congress, Fire as a
Global Process. 30 Nov. - 4 Dec. 2009. Savannah, GA.

Conference Committee Member 2007-2011, Chair 2010.

Founding Sponsor: Student Association for Fire Ecology, TTU chapter, 2006 to 2010.

Session Moderator, Fire Ecology Session and Student Poster Judge. Fire in the Southwest
Conference. Tucson, AZ. 2008.

Instructor, Texas Certified and Insured Prescribed Burn Manager courses:

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

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

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

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

Editorial Board Member:

MOJ Ecology & Environmental Sciences, 2016

Adjunct Faculty:

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

Society for Range Management:

RSEC Committee Member, TAMUK representative, 2010 to present.

Publicity Committee Member, Texas Chapter, 2006 to 2010.

Wildland Fire Litigation Conference Faculty:

2012: Presenter. Uses and limitations of fire behavior modeling programs in fire litigation. April 2012.

2011: Session Moderator for two panel discussions. Panel discussion No. 1—Conditions under which Wildfires are Beneficial. Panel discussion No. 2—Conditions under which Wildfires are Harmful. San Diego, CA.

Peer Reviewer: USDA, proposals for funding, August 2012.

TAMUK, Vice-President for Research, proposals for funding, August 2012

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

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

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

Texas Tech University Committees:

Department of Natural Resources Management Scholarship Committee, 2005-2010.

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

College of Agricultural Sciences and Natural Resources Dean's search, 2007 to 2008.

Department of Natural Resources Management Chair search, 2007.

Guest speaker:

TAMUK, RWSC 3310 Wildlife Mgmt Techniques, Conducting a Prescribed Fire, 2011-2016.

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

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

RWSC Wildlife Capstone, Princ. of Range, Rx Fire, and Range Methods. Spring & Fall 2016, 2015, 2014, 2013, 2012, Fall 2011.

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

Texas Tech University, NRM 2301, Fire as a conservation and management tool, March 2009.
Prescribed Fire & Quail, Quail Field Day, May 2007.
Honors environmental science class, Fire Ecology lecture, April 2006.
Upward Bound Program, Fire Ecology, July 2006.
Range Management class, Fire Ecology, spring 2006.
Texas Prescribed Fire certification course, Clarendon College, April 2008 and March 2007.
Texas Parks & Wildlife Department, Prescribed Burning workshop, Matador WMA, Feb. 2008
and Feb. 2007.
Texas Master Naturalists, Plains chapter, Lubbock, 2006.
Ecological Concepts and Forest Ecology lectures

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

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

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

City of Kingsville: Consultation on environmental effects of brush control treatments, Dec. 2011.

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

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

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

Member: Georgia Prescribed Fire Council, 2001.

Other: Video Interview about using a conservation dog to locate Houston Toads for a documentary by Alison Weeks, April 6, 2014.