

Curriculum Vitae

KELLY REYNA, Ph.D.

Assistant Professor and Director of Sustainable Agriculture
College of Agricultural Sciences and Natural Resources
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Kelly.Reyna@tamuc.edu

EDUCATION:

Ph.D.	University of North Texas	Biology (Quail Physiology)	2010
M.S.	Texas A&M University	Wildlife and Fisheries Sciences	2008
B.S.	Tarleton State University	Wildlife Biology	2005
A.S.	Georgia Military College	Nuclear Science	1996

PROFESSIONAL EXPERIENCE:

Director of Sustainable Agriculture	Texas A&M University – Commerce	2018–Present
Assistant Professor of Wildlife	Texas A&M University – Commerce	2018–Present
Assistant Professor of Biology	University of North Texas	2013–2018
Executive Director of UNT Quail	University of North Texas	2013–2018
Executive Director of North Texas Land Scholars Youth Camp	University of North Texas	2013–2015
Research Assistant Professor	University of North Texas	2011–2013
Director of UNT Quail	University of North Texas	2011–2013
Senior Program Manager of Quail and Grassland Birds	National Audubon Society	2010–2011
Postdoctoral Research	University of North Texas	2010
Research Assistant	University of North Texas	2007–2009
Research Assistant	Texas A&M University	2005–2007
Senior Math and Science Associate	Blinn College	2006–2007
Research Technician	Texas Tech University	2004–2005
Software Engineer	Nokia (DSC, Alcatel USA)	1997–2003
Nuclear Electrician and SRO	United States Navy	1990–1996

TEACHING:

AG 397	Becoming a Wildlife Professional	Spring 2019
AG 336	Wildlife Management II	Spring 2019
AG 597	Upland Game Bird Ecology and Management	Fall 2018
AG 497	Upland Game Bird Ecology and Management	Fall 2018

AG 336	Wildlife Management II	Fall 2018
BIOL 1000	Discover Life Science	Fall 2017
BIOL 1722	Biology II Honors	Spring 2017
BIOL 1720	Biology II	Spring 2017
BIOL 1000	Discover Life Science	Fall 2016
BIOL 5260	Evolution	Spring 2016
BIOL 1000	Discover Life Science	Fall 2015
BIOL 5910	Ecology of Grassland Birds	Fall 2015
BIOL 5900	Avian Physiology	Fall 2015
BIOL 4900	Avian Field Techniques	Summer 2015
BIOL 5300	Physiological Ecology	Spring 2015
BIOL 6900	Avian Metabolism	Spring 2015
BIOL 1000	Discover Life Science	Fall 2014
BIOL 4260	Evolution	Spring 2014
BIOL 1000	Discover Life Science	Fall 2013
BIOL 6900	Wildlife Policy and Law	Spring 2013
BIOL 4900	Avian Field Techniques	Spring 2013
BIOL 5900	Wildlife Ecology	Fall 2012
BIOL 4900	Wildlife Ecology	Fall 2012
BIOL 4900	Avian Field Techniques	Spring 2012
BIOL 5900	Avian Physiology	Spring, 2012
BIOL 1132	Environmental Science	Fall 2010

REFEREED PUBLICATIONS:

Peer-Reviewed Manuscripts:

19. **Reyna, K.S.** In review. 2018. Critical windows of thermal susceptibility during pre-incubation affects developing northern bobwhites. PLoSOne.
18. Newman, W. and **K.S. Reyna**. Submitted. Survival and nesting success of captive-reared and wild-translocated northern bobwhites. Journal of Wildlife Management.
17. **Reyna, K.S.** and W. Newman. 2018. Comparative analysis of behavioural response of captive-reared and wild-trapped Northern Bobwhites to simulated predator attacks. Avian Biology Research 11(1): 16–23.
16. Whitt, J.G., J. Johnson, and **K.S. Reyna**. 2017. Two centuries of human-mediated gene flow in Northern bobwhites. The Wildlife Society Bulletin. DOI: 10.1002/wsb.829
15. **Reyna, K.S.**, and W.W. Burggren. 2017. Altered Embryonic Development in Northern Bobwhite Quail (*Colinus virginianus*) Induced by Pre-incubation Oscillatory Thermal Stress Mimicking Global Warming Predictions. PLoS One 12(9): e0184670.

14. Tomecek, J., B.L. Pierce, **K.S. Reyna**, and M.J. Peterson. 2017. Inadequate Thermal Refugia Constrains Landscape Habitability for Grassland Bird Species. PeerJ 5:e3709.
13. **Invited Paper:** Martin, J.A., R.D. Applegate, T.V. Dailey, M. Downey, B. Emmerich, F. Hernandez, M.M. McConnell, **K.S. Reyna**, D. Rollins, and T. M. Terhune. 2017. The State of Our Knowledge: Translocation, Reintroduction, and Rearing Northern Bobwhites for Restoration. National Quail Symposium Proceedings 8: 1–16.
12. Whitt, J.G., and **K.S. Reyna**. 2017. Predicting Northern Bobwhite Habitat in Semiarid Rangeland Using Landsat Imagery. National Quail Symposium Proceedings 8: 107–116.
11. Gobeli, A.D., D.A. Crossley II, J.A. Johnson and **K.S. Reyna**. 2017. The effects of neonicotinoid exposure on embryonic development and organ mass in northern bobwhite quail (*Colinus virginianus*). Comparative Biochemistry and Physiology Part C, 195: 9–15. doi:10.1016/j.cbpc.2017.02.001.
10. Gomez, L.J., and **K.S. Reyna**. 2017. An Evaluation of Quail Management Scale as a Contributor to the Quail Decline. National Quail Symposium Proceedings 8: 119–131.
9. Gobeli, A.D., Thompson, C.T., and **K.S. Reyna**. 2017. Insecticide use in the United States and its effects on quail. National Quail Symposium Proceedings 8: 318–323.
8. **Reyna, K.S.**, and D. Rollins. 2017 Retention and Efficiency of Citizen Scientists Volunteers of the Texas Quail Index. National Quail Symposium Proceedings 8: 254–260.
7. Holovach, A.A., and **K.S. Reyna**. 2016. The Real Wolf: The Science, Politics, and Economics of Co-Existing with Wolves in Modern Times. Ted B. Lyon and Will N. Graves. 2014. Farcountry Press, Helena, Montana, USA. 368 pp. \$21.00 paperback. ISBN: 978-1-59152-1228. Journal of Wildlife Management, 80(7):1332–1333. doi:10.1002/jwmg.21100.
6. **Reyna, K.S.** and W.W. Burggren. 2012. Upper Lethal Temperatures of Northern Bobwhite Embryos and the Thermal Properties of Their Eggs. Poultry Science 91(1): 41–46. doi: 10.3382/ps.2011-01676
5. **Reyna, K.S.**, D. Rollins, and D. Ransom, Jr. 2012. The Texas Quail Index: Evaluating predictors of northern bobwhite abundance using citizen science. National Quail Symposium Proceedings 7: 138–146.
4. Johnson, J., **K.S. Reyna**, and D. Rollins. 2012. What's A Quail Worth? A Longitudinal Assessment of Quail Hunter Demographics, Attitudes, and Spending Habits In Texas. National Quail Symposium Proceedings 7: 294–299
3. Burggren, W.W., and **K.S. Reyna**. 2011. Cardio-respiratory development: Trajectories, critical windows, and phenotypic alteration. Respiratory Physiology and Neurobiology 178(1): 13–21. doi:10.1016/j.resp.2011.05.001
2. Butcher, J.A., J.E. Groce, C.M. Lituma, M.C. Cocimano, Y. Sanchez-Johnson, A.J. Campomizzi, **K.S. Reyna**, T. L. Pope, and A. C. Knipps. 2007. Persistent controversy in statistical approaches in wildlife sciences: a perspective of students. Journal of Wildlife Management 70(7): 2142–2144. doi: 10.2193/2007-201
1. **Reyna, K.S.**, D. Rollins, B.D. Taylor, and D. Ransom. 2006. The Texas Quail Index: A citizen science effort to monitor ranch-level quail dynamics. Pages 4–11 in D. Ransom, J. Sanders and S. Lyda, editors. Proceeding of the Red River Quail Symposium pp. 11–13.

CONFERENCE PRESENTATIONS:

78. Fortner, E. and **K.S. Reyna**. 2018. Survival and Success of Translocated Wild California Quail in Texas. 15th Annual Pathways Research Symposium, Canyon, Texas, USA.
77. Whitt, J.G., and **K.S. Reyna**. 2017. Predicting Northern Bobwhite Habitat in Semiarid Rangeland Using Landsat Imagery. Texas Society for Ecological Restoration Annual Conference. Denton, Texas, USA.
76. **Reyna, K.S.** 2017. Large-Scale Research for a Large-Scale Problem. 2nd Texas Statewide Quail Symposium, Abilene, Texas, USA.
75. Tynes, Ashleigh, and **K.S. Reyna**. 2017. Connecting Land Ethics and Entrepreneurship Through Experiential Learning in a Quail–Centric Outdoor Education Program. 8th National Quail Symposium, Knoxville, Tennessee, USA.
74. **Reyna, K.S.**, and D. Rollins. 2017. Retention and Efficiency of Citizen Scientist Volunteers of the Texas Quail Index. 8th National Quail Symposium, Knoxville, Tennessee.
73. Gobeli, A.D., Thompson, C.T., and **K.S. Reyna**. 2017. Insecticide use in the United States and its effects on quail. 8th National Quail Symposium, Knoxville, Tennessee, USA.
72. Gomez, L.J., and **K.S. Reyna**. 2017. An Evaluation of Quail Management Scale as a Contributor to the Quail Decline. 8th National Quail Symposium, Knoxville, Tennessee.
71. Whitt, J.G., and **K.S. Reyna**. 2017. Evaluation of a Multi-Temporal Approach to Detect Northern Bobwhite Habitat in Semiarid Rangeland Using Landsat Imagery. 8th National Quail Symposium, Knoxville, Tennessee, USA.
70. Martin, J.A., R.D. Applegate, T.V. Dailey, M. Downey, B. Emmerich, F. Hernandez, M.M. McConnell, **K.S. Reyna**, D. Rollins, and T. M. Terhune. 2017. The State of Our Knowledge: Translocation, Reintroduction, and Rearing Northern Bobwhites for Restoration. 8th National Quail Symposium, Knoxville, Tennessee, USA.
69. Thompson, C. and **K.S. Reyna**. 2017. Quantifying Maternal Transfer of a Neonicotinoid Pesticide to Northern Bobwhite Embryos. Developmental Integrative Biology Seminar. Denton, Texas, USA.
68. **Reyna, K.S.** 2017. Current Trends and Future Goals of Quail Conservation Science. Dixon Water Foundation Research Conference, Denton, Texas, USA.
67. **Reyna, K.S.** 2017. Current Trends and Future Goals of Quail Conservation Science. Texas and Oklahoma Partners Conference, Wichita Falls, Texas, USA.
66. Thompson, C. and **K.S. Reyna**. 2017. Quantifying Maternal Transfer of a Neonicotinoid Pesticide to Northern Bobwhite Embryos. UNT Graduate Research Day, Denton, Texas.
65. Khanal, P., Dong, P., Johnson, J. A, and **K.S. Reyna**. 2017. Assessing the Core Habitat, Corridors and Bottlenecks of Northern Bobwhite (*Colinus virginianus*) in Clay County, Texas. UNT Graduate Research Day, Denton, Texas, USA.
64. Whitt, J.G., and **K.S. Reyna**. 2016. Detecting northern bobwhite habitat in semiarid rangeland using Landsat imagery. 6th Integrative Biology Workshop, Toluca, Mexico, MX.
63. Thompson, C.T., and **K.S. Reyna**. 2016. Poster. Quantifying Maternal Transfer of a Neonicotinoid Pesticide to Northern Bobwhite Embryos. Sixth Integrative Biology Workshop, Toluca, Mexico, MX.

62. Khanal, P., J.A. Johnson, **K.S. Reyna**. 2016. Poster. Identification of bobwhite quail predators in Henrietta, Texas by camera trap method. Sixth Integrative Biology Workshop, Toluca, Mexico, MX.
61. **Reyna, K.S.** 2016. **Invited**. Bobwhite Management: It's Not Just Rain. Texas Wildlife Association Annual Meeting, San Antonio, Texas, USA.
60. Gobeli, A., and **K.S. Reyna**. 2016. Effects of Neonicotinoid Exposure on Embryonic Development and Organ Mass in Northern Bobwhite Quail. Texas Chapter of The Wildlife Society, San Antonio, Texas, USA.
59. Whitt, J.G., and **K.S. Reyna**. 2016. Evaluation of a Multi-Temporal Approach for Modeling Northern Bobwhite Habitat. Texas Chapter of The Wildlife Society Annual Meeting, San Antonio, Texas, USA.
58. **Reyna, K.S.** 2016. **Invited**. Make Quail Great Again. The UNT Chief Executive Round Table Breakfast, Dallas, Texas, USA.
57. Whitt, J.G., and **K.S. Reyna**. 2016. Evaluation of a Multi-Temporal Approach for Modeling Northern Bobwhite Habitat. Developmental Integrative Biology Seminar, University of North Texas, Denton, Texas, USA.
56. **Reyna, K.S.** 2015. **Invited**. Quail Science to Quail Management. Texas Wildlife Association. San Antonio, Texas, USA.
55. **Reyna, K.S.** 2015. **Invited**. Grazing for Quail. Texas Southwestern Cattle Raisers Summer Meeting. Galveston, Texas, USA.
54. **Reyna, K.S.** 2015. **Invited**. Ranching for Cattle and Quail. Texas Southwestern Cattle Raisers Annual Convention. Ft. Worth, Texas, USA.
53. **Reyna, K.S.** 2015. **Invited**. Larger Landscapes for Quail. Texas AgriLife Extension Quail Decline Initiative Statewide Quail Symposium, Abilene, Texas, USA.
52. Whitt, J.G., and **K.S. Reyna**. 2015. (Un)natural History: What Genetics Is Not Telling Us About Northern Bobwhites. Texas Chapter of The Wildlife Society Annual Meeting, Corpus Christi, Texas, USA.
51. Newman, W., and **K.S. Reyna**. 2015. Behavioral Response of Northern Bobwhite to Simulated Predator Attack. Texas Chapter of The Wildlife Society Annual Meeting, Corpus Christi, Texas, USA.
50. Gobeli, A., and **K.S. Reyna**. 2015. Poster. Pesticides and Northern Bobwhites. Texas Chapter of The Wildlife Society Annual Meeting, Corpus Christi, Texas, USA.
49. Mansfield, S., and **K.S. Reyna**. 2015. Poster. Prevalence of the lethal raccoon roundworm and implications for northern bobwhites. Texas Chapter of The Wildlife Society Annual Meeting, Corpus Christi, Texas, USA.
48. Peterson, R.L., and **K.S. Reyna**. 2015. Poster. Analyzing movements of northern bobwhites using GPS radio-telemetry. Texas Chapter of The Wildlife Society Annual Meeting, Corpus Christi, Texas, USA.
47. Cain, S.C., and **K.S. Reyna**. 2015. Poster. Effect of High Intensity Rotational Grazing on Northern Bobwhites. Texas Chapter of The Wildlife Society Annual Meeting, Corpus Christi, Texas, USA.
46. Whitt, J.G., and **K.S. Reyna**. 2015. Using Landscape Genetics in Bobwhite Conservation. Developmental Integrative Biology Seminar, University of North Texas, Denton, USA.

45. Gobeli, A., and **K.S. Reyna**. 2015. Pesticides and Northern Bobwhites. Developmental Integrative Biology Superlab, Denton, Texas, USA
44. Whitt, J.G., and **K.S. Reyna**. 2015. (Un)natural History: What Genetics Is Not Telling Us About Northern Bobwhites. Developmental Integrative Biology Superlab, Denton, USA.
43. Gobeli, A., and **K.S. Reyna**. 2014. Poster. Effects of neonicotinoid exposure on embryonic development and cardiovascular health in northern bobwhites quail (*Colinus virginianus*). 5th Integrative Biology Conference. Wichita Falls, Texas, USA
42. Mansfield, S., and **K.S. Reyna**. 2014. Poster. Prevalence of the lethal raccoon roundworm and implications for northern bobwhites. 5th Integrative Biology Conference. Wichita Falls, Texas, USA
41. Newman, W., and **K.S. Reyna**. 2014. Behavioral Response of Northern Bobwhite (*Colinus virginianus*) to Simulated Predator Attack. 5th Integrative Biology Conference. Wichita Falls, Texas, USA.
40. Peterson, R. L., and **K.S. Reyna**. 2014. Analyzing movements of northern bobwhites using GPS radio-telemetry. 5th Integrative Biology Conference. Wichita Falls, Texas, USA.
39. Whitt, J.G., and **K.S. Reyna**. 2014. (Un)Natural History: What genetics is not telling us about northern bobwhites. 5th Integrative Biology Conference. Wichita Falls, Texas, USA.
38. Gobeli, A., and **K.S. Reyna**. 2014. Pesticides and Northern Bobwhites. UNT Quail Symposium, Bear Creek Ranch. Aledo, Texas, USA
37. Newman, W., and **K.S. Reyna**. 2014. Population Restoration Techniques for Northern Bobwhites. UNT Quail Symposium, Bear Creek Ranch. Aledo, Texas, USA
36. **Reyna, K.S.** 2014. **Invited**. UNT Quail Research Directions for Conservation. Clay County Quail Symposium, Henrietta, Texas, USA.
35. **Reyna, K.S.** 2014. Heat Stress, Parasites, and Small Populations. UNT Quail Symposium, Bear Creek Ranch, Aledo, Texas, USA.
34. Whitt, J.G., and **K.S. Reyna**. 2014. Creating Quail Corridors & Bobwhite Genetics. UNT Quail Symposium, Bear Creek Ranch. Aledo, Texas, USA
33. Newman, W., and **K.S. Reyna**. 2014. Behavioral Response of Northern Bobwhite (*Colinus virginianus*) to Simulated Predator Attack. Developmental Integrative Biology Seminar. Denton, Texas, USA.
32. **Reyna, K.S.** 2014. UNT Quail: Fostering Sustainable Quail Populations through Innovative Research, Conservation, and Education. Biology Department Seminar, University of North Texas, Denton, USA.
31. Newman, W., and **K.S. Reyna**. 2013. Poster. Evaluation of restoration techniques for northern bobwhites (*Colinus virginianus*), in fragmented populations. 4th Integrative Biology Conference. Malinalco, Mexico, MX.
30. **Reyna, K.S.** 2013. Development of Northern Bobwhites Altered by Heat Stress During Pre-incubation. 4th Vertebrate Ecophysiology Conference, Malinalco, Mexico, MX.
29. Whitt, J.G., and **K.S. Reyna**. 2013. Poster. Use of Previous Releases of Northern Bobwhites (*Colinus virginianus*) to Inform Future Reintroduction Techniques. 4th Integrated Biology Conference. Malinalco, Mexico, MX
28. **Reyna, K.S.** 2013. **Invited**. Cows and Quail. HMI Symposium. Henrietta, Texas, USA.

27. Newman, W., and **K.S. Reyna**. 2013. Evaluation of Restoration Techniques for Northern Bobwhites below the Minimum Viable Population. Careers in Life Sciences Seminar. Denton, Texas, USA.
26. Newman, W., and **K.S. Reyna**. 2013. Evaluation of Restoration Techniques for Northern Bobwhites below the Minimum Viable Population. Developmental Integrative Biology Seminar. Denton, Texas, USA.
25. Whitt, J.G., and **K.S. Reyna**. 2013. Zooming in on quail: A macro to micro look at barriers to gene flow. UNT DIB Seminar. Denton, Texas, USA.
24. **Reyna, K.S.** 2013. **Invited**. Restoration of Greater Prairie Chickens (*Tympanuchus cupido pinnatus*) in North Texas. Texas Parks and Wildlife Annual Meeting of the Quail Roundtable, Austin, USA.
23. **Reyna, K.S.** 2013. **Invited**. Restoring Bobwhites in North Texas: An active approach. The Dallas Safari Club Quail Seminar, Dallas, Texas, USA.
22. **Reyna, K.S.** 2012. **Invited**. Recruitment of Northern Bobwhites in Response to Heat Stress. The National Bobwhite Technical Committee Meeting, Abilene, Texas, USA.
21. **Reyna, K.S.** 2012. The Texas Quail Index: Evaluating predictors of northern bobwhite productivity and abundance using citizen science. Seventh National Quail Symposium, Tucson, Arizona, USA.
20. **Reyna, K.S.** 2012. **Invited**. Bobwhites Take the Heat: The Heat Hypothesis Revisited. North Texas Quail Symposium, Denton, Texas, USA.
19. **Reyna, K.S.** 2012. **Invited**. Heat Effects on Northern Bobwhite Reproduction. Bollenbach Chair Quail Symposium, Stillwater, Oklahoma, USA.
18. Newman, W., and **K.S. Reyna**. 2012. North Texas Quail Corridor and Bobwhite Restoration Techniques. Oaks and Prairies Joint Venture Technical Meeting. Fort Worth, Texas, USA.
17. **Reyna, K.S.** 2011. Northern bobwhites exhibit aberrant development and reduced hatch rates in response to thermal stress. Texas Chapter of The Wildlife Society Annual Meeting, San Antonio, Texas, USA.
16. **Reyna, K.S.** 2011. **Invited**. Conserving Quail Through Landowner Cooperatives. 4th Distinguished Lectureship in Quail Management, Roby, Texas, USA.
15. **Reyna, K.S.** 2010. Northern bobwhites exhibit developmental plasticity and failure from thermal stress. 2nd Vertebrate Ecophysiology Conference, Valle de Bravo, MX
14. **Reyna, K.S.** 2010. Thermal stress during pre-incubation induces subsequent developmental plasticity. American Society of Physiology, Denver, Colorado, USA.
13. **Reyna, K.S.** 2010. Poster. Ontogeny of northern bobwhites: developmental plasticity and failure from thermal stress. Society for Integrated Comparative Biology Annual Meeting, Boston, Massachusetts, USA.
12. **Reyna, K.S.** 2010. **Invited**. Wildlife Biology Meets Developmental Physiology. Tarleton State University, Stephenville, Texas, USA.
11. **Reyna, K.S.** 2010. **Invited**. Ontogeny of Northern Bobwhites. University of Central Oklahoma, Edmond, Oklahoma, USA.
10. **Reyna, K.S.** 2009. Poster. The effects of high temperature on northern bobwhite and scaled quail development during the pre-incubation period. 1st Vertebrate Ecophysiology Conference, Toluca, MX

9. **Reyna, K.S.** 2009. Poster. Natural history meets developmental physiology: high pre-incubation temperature effects on embryos of northern bobwhite quail. Society for Integrated Comparative Biology Annual Meeting, Seattle, Washington, USA.
8. **Reyna, K.S.** 2009. **Invited.** Where have all the quail gone: The way it is in Texas. Texas AgriLife Extension Quail Symposium, San Angelo, Texas, USA.
7. **Reyna, K.S.** 2008. The Texas Quail Index: evaluating predictors of quail abundance using citizen-science. Texas Chapter of The Wildlife Society Meeting, San Antonio, Texas, USA.
6. **Reyna, K.S.** 2008. **Invited.** The Texas Quail Index: results from the Rolling Plains. Rolling Plains Quail Research Ranch Inaugural Field Day, Roby, Texas, USA.
5. **Reyna, K.S.** 2007. The Texas Quail Index: predicting quail abundance using citizen-science. Texas Chapter of The Wildlife Society Annual Meeting, Amarillo, Texas, USA.
4. **Reyna, K.S.** 2006. Poster. The Texas Quail Index. Sixth National Quail Symposium, Athens, Georgia, USA.
3. **Reyna, K.S.** 2006. The Texas Quail Index: comparisons to other regions. Red River Quail Symposium, Henrietta, Texas, USA.
2. **Reyna, K.S.** 2005. Surveying methods and biological habitats of the Texas Kangaroo Rat. Meeting of the Southwest Chapter of The Wildlife Society, Alpine, Texas, USA.
1. **Reyna, K.S.** 2004. Effective white-tailed deer management plans. Colony Creek Wildlife Management Area, Granbury, Texas, USA.

OTHER INVITED PRESENTATIONS:

14. **Reyna, K.S.** 2017. **Invited TED Talk.** Saving the Nation, One Quail at a Time. TEDxUNT Conference, Denton, Texas, USA.
13. **Reyna, K.S.** 2017. **Invited.** Keynote Address: Make Quail Great Again. First State Bank Meeting, Gainesville, Texas, USA.
12. **Reyna, K.S.** 2016. **Invited.** Bobwhite Quail Management in North Texas. Cross Timbers Quail Coalition Annual Banquet, Ft. Worth, Texas, USA.
11. **Reyna, K.S.** 2016. **Invited.** Keynote Address: Bobwhite Quail Management in North Texas. Hill Country Quail Coalition Annual Banquet, Austin, Texas, USA.
10. **Reyna, K.S.** 2016. **Invited.** Bobwhite Quail Management in North Texas. Lewisville Rotary Noon Club, Lewisville, Texas, USA.
9. **Reyna, K.S.** 2015. **Invited.** The UNT Quail Program: Quail Conservation 101. The Turtle Creek Breakfast Club, Dallas, Texas, USA.
8. **Reyna, K.S.** 2015. **Invited.** The Art & Science of Northern Bobwhites. Dallas Agricultural Club, Dallas, Texas, USA.
7. **Reyna, K.S.** 2014. **Invited.** Restoring Quail in Texas: A comprehensive approach. Cross Timbers Chapter of the Master Naturalists Meeting, Denton, Texas, USA.
6. **Reyna, K.S.** 2014. **Invited.** The Road to Becoming a Successful Professor. Invited Lecture. University of North Texas Graduate Council, Denton, USA.
5. **Reyna, K.S.** 2014. **Invited.** Research Methods in Quail Conservation. Invited Lecture. Research Methods, Honors College, University of North Texas, Denton, USA.

4. **Reyna, K.S.** 2013. **Invited.** New Challenges in Quail Conservation. Quail Coalition Annual Meeting, Wichita Falls, Texas, USA.
3. **Reyna, K.S.** 2013. **Invited.** The Wildlife of North Texas. Knights of Columbus Annual Wildlife Dinner, Denton, Texas, USA.
2. **Reyna, K.S.** 2009. **Invited.** Fungi and Lichens: taxonomy and examples. Biology 1740 Guest Lecture. University of North Texas, Denton, Texas, USA.
1. **Reyna, K.S.** 2007. **Invited.** Critical Thinking in Education. Blinn College, Bryan, TX, USA

EXTRAMURALLY FUNDED GRANTS (\$2,653,175):

26.	2018	California Quail. Translocation from Idaho to Texas. Texas AgriLife Extension	\$473,461
25.	2017	The Influence of Landscape Features on the Connectivity of Northern Bobwhite Populations using Landscape Genetic Methods. Cross Timbers Quail Coalition.	\$20,000
24.	2016	Environmental neonicotinoid effects on northern bobwhites integrating functional measurements throughout their life history with genomic quantification. Ted Lyon and Associates.	\$5,000
23.	2016	The Quail Coalition Scholarship: Extending the Legacy of Quail Science. Hill Country Quail Coalition.	\$14,700
22.	2016	The Influence of Landscape Features on the Connectivity of Northern Bobwhite Populations using Landscape Genetic Methods. Park Cities Quail Coalition.	\$30,000
21.	2016	The Influence of Landscape Features on the Connectivity of Northern Bobwhite Populations using Landscape Genetic Methods. Cross Timbers Quail Coalition.	\$25,000
20.	2016	Environmental neonicotinoid effects on northern bobwhites integrating functional measurements throughout their life history with genomic quantification. ACES.	\$25,000
19.	2015	The Clay County Quail Corridor. Birdwell & Clark Ranch.	\$100,000
18.	2015	Endowed Professorship. Private Endowment.	\$500,000
17.	2015	Environmental neonicotinoid effects on northern bobwhites integrating functional measurements throughout their life history with genomic quantification. Texas AgriLife Extension.	\$67,499
16.	2015	The Science and Education of The North Texas Quail Corridor. Cross Timbers Quail Coalition.	\$25,000
15.	2014	Prevalence of the lethal parasite <i>Baylisascaris procyonis</i> and implications for northern bobwhites. Park Cities Quail Coalition.	\$75,000
14.	2014	Prevalence of the lethal parasite <i>Baylisascaris procyonis</i> and implications for northern bobwhites. Cross Timbers Quail Coalition.	\$25,000
13.	2013	A Scalar Approach to Quail Populations and Environmental Constraints in the Rolling Plains of Texas: A Continuation from with La Nina Years. Texas AgriLife Extension.	\$127,687

12.	2013	Utility of Soft-Release Technique for Northern Bobwhite While Quantifying Habitat and Genetic Diversity on Release Sites. Texas AgriLife Extension.	\$120,328
11.	2013	Environmental neonicotinoid effects on northern bobwhites integrating functional measurements throughout their life history with genomic quantification. Texas AgriLife Extension.	\$75,000
10.	2013	The Clay County Quail Corridor. Texas Parks and Wildlife Department.	\$250,000
9.	2013	The North Texas Quail Corridor. Big Covey Quail Coalition.	\$10,000
8.	2013	The North Texas Quail Corridor. Park Cities Quail Coalition.	\$72,000
7.	2013	Population restoration techniques for bobwhites. The Rose Family Fund at the Dallas Foundation.	\$150,000
6.	2013	The North Texas Quail Corridor. San Antonio Quail Coalition.	\$7,500
5.	2012	The North Texas Quail Corridor. Texas Parks and Wildlife.	\$25,000
4.	2012	The North Texas Quail Corridor. Cross Timbers Quail Coalition.	\$25,000
3.	2012	The North Texas Quail Corridor. Big Covey Quail Coalition.	\$5,000
2.	2012	UNT Quail: conservation and education of grassland birds and habitat. Dixon Water Foundation.	\$150,000
1.	2011	A Scalar Approach to Quail Populations and Environmental Constraints in the Rolling Plains of Texas. The Rolling Plains Quail Research Foundation.	\$250,000

SERVICE:

Service to Profession:

2018–2020	Chairman: Science Subcommittee, National Bobwhite Technical Committee
2017–2019	Associate Editor of <i>The Southwestern Naturalist</i>
2018	Peer review of original research manuscripts from <i>The Southwestern Naturalist</i> , <i>The Northeastern Naturalist</i> , <i>Journal of Wildlife Diseases</i>
2017–2018	Advisory Board Member, Dixon Water Foundation
2017	Peer review of original research manuscripts from Ecology and Evolution, PLoS One, Journal of Wildlife Management, National Quail Symposium VIII, Archives of Parasitology, Environmental Monitoring and Assessment
2016–2018	Academic Representative: Steering Committee, National Bobwhite Conservation Initiative
2016–2018	Vice-Chair: Science Subcommittee, National Bobwhite Technical Committee
2016	Peer review of original research manuscript from Comparative Biochemistry and Physiology-Part A: Molecular & Integrative Physiology, Ecology and Evolution, Journal of Wildlife Management, National Quail Symposium VIII
2012–2016	Science Subcommittee Member, National Bobwhite Technical Committee
2012–2016	Texas Quail Science Team Member, Texas Parks and Wildlife Department

- 2010–2016 Managerial Board Member, Oaks and Prairie Joint Venture
- 2010–2016 Texas Quail Roundtable Member, Texas Parks and Wildlife Department
- 2010–2016 Advisory Committee Member, Rolling Plains Quail Research Ranch
- 2015 Peer review of original research manuscript from Comparative Biochemistry and Physiology-Part A: Molecular & Integrative Physiology
- 2014 Peer review of original research manuscripts (6) from Comparative Biochemistry and Physiology-Part A: Molecular & Integrative Physiology, The Auk, The Journal of Wildlife Management, Southwestern Naturalist, and Poultry Science
- 2012 Peer review of original research manuscripts from Journal of Wildlife Management, National Quail Symposium VII
- 2010–2011 Texas State Technical Advisory Committee, NRCS
- 2010–2011 Wildlife Subcommittee Member, Texas State Technical Advisory Committee to NRCS
- 2006 Covey Leader (Youth Mentor), Rolling Plains Bobwhite Brigade Camp
- 2005–2006 President of the Student Chapter of The Wildlife Society, Tarleton State University

Service to the University:

- 2019 Committee Member: OSP Research Advisory Board
- 2018 Mayo's Dream Celebration, Sustainable Agriculture Outreach and Table Host
- 2018-2019 Chairman: Wildlife Executive Committee
- 2018 Committee Member: HR Search Assistant Professor Environmental Sciences
- 2017 Table Sponsor and Host, UNT Kuehne Speaker Series (Spring)
- 2016 Table Sponsor and Host, UNT Kuehne Speaker Series (Fall)
- 2016 Table Sponsor and Host, UNT Kuehne Speaker Series (Spring)
- 2016 Invited Speaker, UNT Chief Executive Round Table Breakfast,
- 2016 Selection Committee: Executive Director of Development, UNT College of Arts and Sciences
- 2016 President's table representative for the Texas Emerald Ball
- 2015 Table Sponsor and Host, UNT Kuehne Speaker Series (Fall)
- 2015 Search Committee: Executive Director of Development
- 2015 Search Committee: Director of Foundation Relations
- 2014 Table Host, UNT Kuehne Speaker Series
- 2014 Invited Speaker, Annual Board Meeting, UNT College of Arts and Sciences
- 2014 Great Conversations Dinner Leader, UNT Honors College
- 2013 Table Host, UNT Kuehne Speaker Series
- 2013 College Commencement Banner Custodian, College of Arts and Sciences

Service to the College/Department

- 2019 Committee member: Assistant/Associate Professor and Associate Dean CASNR
- 2018-2019 CASNR Graduate Coordinator
- 2018-2019 Chairman: CASNR Graduate Admission Committee
- 2018-2019 CASNR Advisor: Wildlife and Conservation Science
- 2018-2019 CASNR Research Travel Grant Committee Member
- 2018-2019 CASNR Curriculum Committee Member
- 2018-2019 CASNR Executive Council Member
- 2018-2019 CASNR I.E. Team – Agricultural Sciences (Non-thesis) MS Representative
- 2018-2019 CASNR I.E. Team – Agricultural Sciences (Thesis) MS Representative
- 2018 Judge: CASNR Texas FFA Area V and VI Prep LDE Greenhand and Senior Creed
- 2018 FFA CDE Volunteer (Texas A&M University – Commerce, Texas State University)
- 2018 Commencement and Convocation Representative, College of Agricultural Sciences and Natural Resources
- 2018 Thesis Committee Member, Carolyn Edler
- 2015 Chancellor’s table representative for the Department of Biological Sciences, Trinity Common Foundations Luncheon
- 2015 Symposium Coordinator, State of UNT Quail Symposium
- 2014–2015 Personnel Affairs Committee Restructuring Committee
- 2014 Symposium Coordinator, State of UNT Quail Symposium
- 2014 Symposium Coordinator, Bear Creek Quail Symposium
- 2014 Symposium Coordinator, Clay County Quail Symposium
- 2014 Purchased desks for graduate student office for all to use
- 2014 Chancellor’s table representative for the Department of Biological Sciences, Trinity Common Foundations Luncheon
- 2014 Department Commencement Banner Custodian
- 2010–2011 Seminar Coordinator for Integrative Physiology Cluster

Chairman of Thesis Committees

- | | | | |
|-----|-------------------|--------|---------------|
| 15. | Richard Norton | M.Sc. | 2018-Present |
| 14. | Elizabeth Fortner | M.Sc. | 2018-Present |
| 13. | Kelsey Biles | Ph.D. | 2017–2018 |
| 12. | Garrett Meeks | Ph.D. | 2017–2018 |
| 11. | Pradeep Khanal | Ph.D. | 2016– Present |
| 10. | Caitlin Thompson | M.Sc. | 2016–2018 |
| 9. | Ashleigh Tynes | M.Sc. | 2015–2017 |
| 8. | Abby Holovach | P.S.M. | 2015–2016 |

7.	Jeff Whitt	Ph.D.	2013–2018
6.	Amanda Gobeli	M.Sc.	2014–2016
5.	Robert Peterson	Ph.D.	2014–2015
4.	Shannon Cain	M.Sc.	2015
3.	Shannon Mansfield	M.Sc.	2015
2.	William Newman	M.Sc.	2012–2015
1.	Sarah Josephson	M.Sc.	2012–2014

AWARDS, HONORS, RECOGNITIONS:

First Place Poster Presentation (E. Fortner and K. Reyna)	15 th Annual Pathways Research Symposium	2018
Group Achievement Award	National Bobwhite Technical Committee	2018
Presidential Early Career Award	University of North Texas	2017
UNT Service Award	University of North Texas	2016
National Legacy Landscape for Northern Bobwhite Conservation Award	National Bobwhite Conservation Initiative	2015
Phi Kappa Phi National Honor Society Induction	Phi Kappa Phi National Honor Society	2010
Beth Baird Fellowship	UNT Biological Sciences	2007–2010
Academic Achievement Scholarship	University of North Texas	2007–2009
Carl D. Shoemaker Memorial Scholarship	Texas Chapter of The Wildlife Society	2005
Outstanding Student Scholarship	Texas Chapter of The Wildlife Society	2005
Student Wildlife Society Annual Scholarship	Tarleton State University	2004

POPULAR MEDIA COVERAGE:

30. Littlefield, D. A. 2018. Pint-Sized Management Plan. USDA-NRCS Public Affairs Specialist.
29. Sams, L. 2017. Saving the Nation, One Quail at a Time. Lonestar Outdoor News. <https://www.lsonews.com/saving-nation-one-quail-time/>
28. Fears, R. 2017. Going Au Natural: Prairie Restoration Rebuilds Wildlife Populations. *The Eagle*. Land and Livestock Post.
27. Guerrero, J. 2017. Climate Change: UNT Researchers Monitor Quail Population. *North Texas Daily*.
26. Fears, R. 2017. Texas Prairie Restoration Continually Gathers Momentum. *Texas Wildlife Magazine*.
25. 2017 Spotlight: UNT Quail Corridor. *Covey Rise Magazine*.

24. UNT News Service. 2016. UNT biologists to expand pesticide research. <https://news.unt.edu/news-releases/unt-biologists-expand-pesticide-research>
23. Monteros, V. Research Group at UNT Works to Conserve Quail Species *North Texas Daily*.
22. Big Billy Kinder Outdoors Radio Show. 2016. Dr. Kelly Reyna, The Quail Professor
21. Sassar, R. 2015. Quail numbers have rebounded following abundant rainfall. *Dallas Morning News*.
20. UNT Faculty Success. 2015. Kelly Reyna is putting UNT on the Quail Map
19. Heinkel-Wolfe, P. 2015. Quail Call: UNT Program Focuses on Canaries of the Prairie. *Denton Record Chronicle* (Sunday Front Page, Top Center).
18. Fears, R. 2015. Grazing for Northern Bobwhite Quail. *The Cattleman Magazine*. (First time for quail on front page)
17. Big Billy Kinder Outdoors Radio Show. 2015. Dr. Kelly Reyna, The Quail Professor
16. The Chip Howard Sports Talk Radio Show. 2014. Dr. Kelly Reyna
15. The Calling TV. 2014. Destination America. (Appeared in 4 episodes as a wildlife expert).
14. The Chip Howard Sports Talk Radio Show. 2013. Dr. Kelly Reyna
13. Cambell, S. 2013. Saving a Texas rite of passage, one ranch at a time. Land Conservation Assistance Network. <https://www.landcan.org/news/Saving-a-Texas-rite-of-passage-one-ranch-at-a-time/3153>
12. Cambell, S. 2013. A Trail for Quail. *Fort Worth Star Telegram* (Sunday Front Page Center).
11. Cole, P. 2013. Can This Couple Have Their Quail and Graze it too? *The Gilmer Mirror*
10. Littlefield, D. 2013. Keeping the West Wild Medium. *Clay County Outdoors Magazine*
9. Cambell, S. 2012. Bobwhite quail a vanishing breed in Texas. *The Kansas City Star*. <https://www.kansascity.com/news/article308576/Bobwhite-quail-a-vanishing-breed-in-Texas.html>
8. National Bobwhite Conservation Initiative. 2012. UNT Quail and The North Texas Quail Corridor. *The Bobwhite Almanac*.
7. NBC 5 News. 2012. Dr. Kelly Reyna is Bringing Back the Bobwhite Quail.
6. The Chip Howard Sports Talk Radio Show. 2012. Dr. Kelly Reyna
5. Ansari, A. 2012. University Roosts Aren't Just For Eagles. *North Texas Daily*
4. UNT INHouse Magazine. 2012. Faculty Focus: Dr. Kelly Reyna.
3. North Texas Sustainability. 2012. UNT Professor Conserving Texas Quail.
2. Sassar, R. 2012. Solving Quail Crisis Goes Beyond Regulations. *Dallas Morning News*.
1. Gonzalez, M. 2011. Professor Studies Declining Quail Populations. *North Texas Daily*.