

BART M. BALLARD

Caesar Kleberg Wildlife Research Institute
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EDUCATION

- Doctor of Philosophy in Wildlife Science** 1999-2001
- *Institution:* Texas A&M University-Kingsville and Texas A&M University, College Station
 - *Dissertation:* Nutritional Ecology of Northern Pintails Wintering in the Laguna Madre, Texas
 - *Chairs:* Dr. David Hewitt (TAMUK) and Dr. Douglas Slack (TAMU)
- Master of Science in Range and Wildlife Management** 1990-1993
- *Institution:* Texas A&I University, Caesar Kleberg Wildlife Research Institute
 - *Thesis:* Sorghum Management for Waterfowl Wintering in Southern Texas
 - *Chair:* Dr. Thomas C. Tacha (deceased)
- Bachelor of Science in Wildlife Biology** 1985-1990
- *Institution:* Iowa State University, Department of Animal Ecology

EMPLOYMENT HISTORY

- 2014 - present C. Berdon and Rolanette Lawrence Endowed Chair in Waterfowl Research and Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas.
- 2012-2014 Research Scientist and Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas.
- 2007–2012 Research Scientist and Associate Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas. (Tenured in 2007)
- 2002 - 2007 Research Scientist and Assistant Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas.
- 1999 - 2002 Associate Research Scientist, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.
- 1998 - 2001 Ph.D. Student, Joint Ph.D. Program, Department of Wildlife Sciences, Texas A&M University-Kingsville, Kingsville, TX and Department of Wildlife and Fisheries Sciences, Texas A&M University, College Station, TX

1993 - 1998 Research Associate, Caesar Kleberg Wildlife Research Institute,
Texas A&M University-Kingsville, Kingsville, Texas

Courses Taught at Texas A&M University-Kingsville:

Undergraduate courses

• Wetlands Ecology and Management (RWSC 4380)

This course focuses on the ecology and management of North American wetlands. Topics that are covered include unique characteristics of wetlands, wetland classification, the role of hydrology, biological adaptations to wetlands, wetland management and restoration, the functional roles of wetlands and their importance to wildlife.

• Ecology and Management of Game Birds (RWSC 3390)

This course is designed to provide students an understanding of game bird ecology and the management strategies employed by private, state, and federal resource managers. It provides an opportunity for innovative thinking and participation in group discussion, and is designed to allow students to develop verbal skills as well as skills in the critical review of literature.

• Range and Wildlife Ecology (RWSC 1301)

General overview of basic range and wildlife ecological concepts including natural selection, food webs, trophic levels, competition, predation, niche theory, life-history patterns, and succession.

• Wildlife Management Techniques (RWSC 3310)

Field and laboratory techniques used in wildlife management and research: age and gender determination, marking, capture, monitoring, disease surveys, food habits and nutritional analyses, habitat assessment and population estimation.

Graduate courses

• Avian Community Ecology (WSCI 6396)

This seminar/discussion course focuses on evolutionary concepts that shape avian communities. Theoretical literature on topics including mating systems, reproductive strategies, foraging adaptations, brood parasitism, migration, and the influences of climate change and urbanization will be discussed.

• Waterfowl Ecology (WSCI 6382)

Studies of the theoretical ecology and applied management of waterfowl with emphasis on North America. Contents include ecogeography, migration, wetland habitats, reproduction, feeding ecology, and energetics, and population and harvest management.

Other Teaching Appointments

Instructor for Conservation Leaders for Tomorrow (2013-present): The program is a rigorous and highly interactive 4 days classroom/field exercise workshop designed to supplement the education of certain university students and agency personnel committed to degree programs and careers in natural resource conservation. I help teach this course each January.

Instructor for American Wilderness Leadership School (2014-present): The program offers primary and secondary school teachers hands-on lessons focused around the North American Model of Wildlife Conservation as-well-as engaging take home lessons for integrating ecology and conservation into the classroom. Each session is 8-days and involves 12 hours of classroom instruction (lecture/discussion), 20 hours of hands-on instruction, and 2 full days of field trips.

Graduate Students Chaired

Student Name	Degree	Project Title	Graduation Date
Richard Finger	M.S.	Reproductive ecology of mottled ducks in mid-coastal Texas	2002
J. Dale James	Ph.D.	Utilization of shoalgrass resources and nutritional ecology of wintering redheads in the Laguna Madre of Texas	2006
Elizabeth M. Bates	M.S.	Genetic diversity and population structure of reddish egrets along the lower Texas coast	2007
J. Tye Anderson	M.S.	Survival, habitat use, and movements of female northern pintails wintering along the Texas coast	2008
Arlene J. Arnold	M.S.	Chronology and terrestrial habitat use by migrating birds in southern Texas	2009
Owen N. Fitzsimmons	M.S.	Ecological implications of marsh management to wetland birds	2010
Amy J. Hanna	Ph.D.	Dynamics of wading bird colonies along the Texas coast	2011
Elizabeth M. Bates	Ph.D.	Foraging ecology of reddish egrets	2011
Erin M. Wehland	Ph.D.	Seasonal survival and molt site fidelity of Western Gulf Coast mottled ducks	2012
Suzanne Contreras	Ph.D.	Assessing the dynamics of bird migration along the lower Texas coast using radar	2013

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Michael Mitchell	M.S.	Waterfowl foraging values of freshwater wetlands in southern Texas	2013
Lianne Koczur	M.S.	Reproductive ecology of the western Gulf Coast population of American oystercatchers	2013
Corey Lange	M.S.	Influences of wind energy development on redheads in southern Texas.	2014
Nathanial Huck	M.S.	Relationships between diet and habitat for northern pintails.	2014
Anastasia Krainyk	Ph.D.	A decision support tool for mottled duck management in the Western Gulf Coast	2016
Taylor Yerrick	M.S.	Evaluating a radar system for monitoring bird migration	2016
Matthew Garrick	M.S.	Nutrient reserve dynamics of female northern pintails	2016
Lianne Koczur	Ph.D.	Ecology of adult reddish egrets breeding in Texas	2017
David Newstead	Ph.D.	Migratory connectivity of populations of red knots in North America	Current student
Emily Wells	M.S.	Habitat use by sandhill cranes along the Texas coast	Current student
Jay VonBank	Ph.D.	Movement ecology of greater white-fronted geese	Current student
Samantha Wolfe	M.S.	Habitat use by wintering greater white-fronted geese in Texas	Current student
Mikayla House	M.S.	Development of a spatial-temporal model of foraging habitat for shorebirds in the Laguna Madre, Texas	Current student

RESEARCH AND CREATIVE ACTIVITIES**Refereed Journal Articles and Book Chapters:**

1. Eversole, C. B., S. E. Henke, B. L. Turner, S. N. Glasscock, R. L. Powell, D. B. Wester, and B. M. Ballard. 2019 In Press. A theoretical population and harvest model for American alligators (*Alligator mississippiensis*). Herpetological Monographs.
2. Lange, C. J., B. M. Ballard, D. P. Collins. 2018. Impacts of wind turbines on redheads in the Laguna Madre. *Journal of Wildlife Management* 82:531–537.
3. Ballard, D. C., M. J. Garrick, B. M. Ballard, and A. M. Fedynich. 2018. Gizzard helminths in female northern pintails (*Anas acuta*) wintering along the Texas coast. *Journal of Parasitology*
4. Koczur, L. M., G. M. Kent, B. M. Ballard, K. D. Meyer, and M. C. Green. 2018. Space use and movements of adult reddish egrets (*Egretta rufescens*) during winter. *Waterbirds* 41:1–15.
5. Lamb, J. S., D. J. Newstead, L. M. Koczur, B. M. Ballard, M. C. Green, and P. G. R. Jodice. 2018. A bridge between oceans: overland migration of marine birds in a wind energy corridor. *Journal of Avian Biology* 49:
6. Koczur, L. M., D. Williford, R. W. DeYoung, and B. M. Ballard. 2017. Bringing Back the Dead: Genetic Data from Avian Carcasses. *Wildlife Society Bulletin* 41:796–803.
7. Eversole, C. B., S. E. Henke, D. B. Wester, B. M. Ballard, and R. L. Powell. 2017. Testing variation in the relationship between cranial morphology and total body length in the American alligator. *Herpetological Review* 48:288-292.
8. Koczur, L. M., B. M. Ballard, M. C. Green. 2017. Survival of reddish egrets marked with satellite transmitters. *Endangered Species Research* 34:103-107.
9. Contreras, S., B. M. Ballard, D. B. Wester, W. P. Kuvlesky, Jr., L. A. Brennan, M. L. Morrison, and K. Boydston. 2017. High passage rates and different seasonal migration strategies of birds along the lower Texas coast. *International Journal of Biodiversity and Conservation* 9: 183–199.
10. Brennan, L. A., D. L. Williford, B. M. Ballard, W. P. Kuvlesky, Jr., E. D. Grahmann, and S. J. DeMaso. 2017. *The Upland and Webless Migratory Game Birds of Texas*. Texas A&M University Press, College Station, TX.
11. Bates, E. M., L. M. Koczur, A. Krainyk, B. M. Ballard, and A. C. Kasner. 2016. Spatial and temporal dynamics of reddish egret foraging habitat availability in the Laguna Madre, Texas. *International Journal of Biodiversity and Conservation* 8: 251–258.
12. Huck, N. R., B. M. Ballard, A. M. Fedynich, K. J. Kraai, and M. E. Castro. 2016. Shot ingestion by wintering female northern pintails. *Journal of Wildlife Diseases* 52: 118–121.

13. Geary, B., M. C. Green, and B. M. Ballard. 2015. Movements and survival of juvenile reddish egrets *Egretta rufescens* on the Gulf of Mexico coast. *Endangered Species Research* 28: 123–133.
14. Bates, E. M., L. M. Koczur, and B. M. Ballard. 2015. Post fledging survival and dispersal of juvenile reddish egrets (*Egretta rufescens*). *Waterbirds* 38: 401–406.
15. Eversole, C.B., S. E. Henke, D. B. Wester, B. M. Ballard, and R. L. Powell. 2015. Time of night as a technique for conducting American alligator (*Alligator mississippiensis*) surveys. *Herpetological Review* 46: 520–523.
16. Koczur, L. M., G. M. Kent, B. Geary, B. M. Ballard, K. D. Meyer, and M. C. Green. 2015. Measurements of adult and hatch-year reddish egrets (*Egretta rufescens*). *Waterbirds* 38: 308–311.
17. Eversole, C. B., S. E. Henke, D. B. Wester, B. M. Ballard, and R. L. Powell. 2015. Responses of American alligators (*Alligator mississippiensis*) to environmental conditions: implications for population and ecosystem monitoring. *Herpetologica* 71: 37–45.
18. Koczur, L. M., A. E. Munters, S. A. Heath, B. M. Ballard, M. C. Green, S. J. Dinsmore, and F. Hernández. 2014. Reproductive success of the American oystercatcher (*Haematopus palliatus*) in Texas. *Waterbirds* 37: 371–380.
19. Eversole, C. B., S. E. Henke, B. M. Ballard, and R. L. Powell. 2014. Duration of marking tags on American alligators (*Alligator mississippiensis*). *Herpetological Review* 45: 223–226.
20. Turner, J. W., F. Hernandez, C. W. Boal, B. M. Ballard, F. C. Bryant, and D. B. Wester. 2014. Raptor abundance and northern bobwhite survival and habitat use. *Wildlife Society Bulletin* 38: 689–696.
21. Mitchell, M. K., B. M. Ballard, J. M. Visser, M. G. Brasher, and E. J. Redeker. 2014. Delineation of coastal marsh types along the central Texas coast. *Wetlands* 34: 653–660.
22. Bates, L. M. and B. M. Ballard. 2014. Factors influencing behavior and success of foraging reddish egrets (*Egretta rufescens*). *Waterbirds* 37: 191–202.
23. Kuvlesky, W. P., Jr., L. A. Brennan, B. M. Ballard, T. A. Campbell, D. G. Hewitt, C. A. Deyoung, S. E. Henke, F. Hernandez, and F. C. Bryant. 2013. Managing Populations. Pages 299–322 in P. Krausman and J. Cain, editors, *Wildlife Management and Conservation: Contemporary Principles and Practices*. John Hopkins University Press, Baltimore, Maryland
24. Scott, J. L., F. Hernandez, L. A. Brennan, B. M. Ballard, M. Janis, and N. D. Forrester. 2013. Population demographics of translocated northern bobwhites on fragmented habitat. *Wildlife Society Bulletin* 37: 168–176.
25. Fitzsimmons, O.N., B. M. Ballard, M. T. Merendino, G. A. Baldassarre, and K. M. Hartke. 2012. Implications of coastal wetland management to nonbreeding waterbirds in Texas. *Wetlands* 32: 1057–1066.

26. Rollo, S. N., P. J. Ferro, M. J. Peterson, M. P. Ward, B. M. Ballard, and B. Lupiani. 2012. Non-migratory mottled ducks (*Anas Fulvigula*), sentinels for avian influenza surveillance? *Journal of Zoo and Wildlife Medicine* 43: 168–170.
27. James, J. D., J. E. Thompson, and B. M. Ballard. 2012. Evidence of double brooding in black-bellied whistling-ducks. *Wilson Journal of Ornithology* 124: 183-185.
28. Ballard, B. M., J. D. James, R. L. Bingham, M. J. Petrie, B. C. Wilson. 2010. Coastal pond use by redheads wintering in the Laguna Madre, Texas. *Wetlands* 30: 669–674.
29. Bingham, R. L., L. A. Brennan, and B. M. Ballard. 2010. Discrepancies between Euclidean distance and compositional analysis of resource selection data with known parameters. *Journal of Wildlife Management* 74: 582–587.
30. Bates, L. M., R. W. DeYoung, and B. M. Ballard. 2009. Genetic diversity and population structure of reddish egrets along the Texas coast. *Waterbirds* 32: 430–436.
31. J. T. McCloskey, J. E. Thompson, A. D. Tjelmeland, and B. M. Ballard. 2009. Body composition and gut morphology of migrating and wintering Wilson's snipe. *Waterbirds* 32:96–105.
32. J. T. McCloskey, J. E. Thompson, and B. M. Ballard. 2009. Diet composition of wintering Wilson's snipe. *Wilson Journal of Ornithology* 121:434–439.
33. Brennan, L. A., R. M. Perez, S. J. DeMaso, B. M. Ballard, and W. P. Kuvlesky. 2008. Potential impacts of wind farm energy development on upland game birds: questions and concerns. *Proceedings of the Fourth International Partners in Flight Conference*.
34. Brennan, L. A., B. M. Ballard, and W. P. Kuvlesky, Jr. 2008. Wind energy development, prescribed fire, and migratory land birds in the southeastern United States: breeding, stopover, and wintering habitat relationships. *Proceedings of the Fourth International Partners in Flight Conference*, pages 184–193.
35. Bates, L. M., A. M. Fedynich, B. M. Ballard, and M. C. Green 2008. Survey of blood parasites in hatch-year reddish egrets along the lower Texas Coast. *Bulletin of the Texas Ornithological Society* 41: 4–6.
36. Fedynich, A. M., B. M. Ballard, T. J. McBride, J. A. Estrella, J. M. Garvon, and M. J. Hooper. 2007. Arsenic, cadmium, copper, lead, and selenium in migrating blue-winged teal (*Anas discors*, L.). *Archives of Environmental Contamination and Toxicology* 53: 662–666.
37. Bingham, R. L., L. A. Brennan, and B. M. Ballard. 2007. Misclassified resource selection: compositional analysis and unused habitat. *Journal of Wildlife Management* 71: 1369–1374.
38. Kuvlesky, W.P., Jr., L. A. Brennan, M. L. Morrison, K. K. Boydston, B. M. Ballard, and F. C. Bryant. 2007. Wind energy development and wildlife conservation: challenges and opportunities. *Journal of Wildlife Management* 71: 2487–2498.

39. Ballard, B. M. 2007. Linking waterfowl ecology and management: a Texas coast perspective. Pages 95-108 in T. E. Fulbright and D. G. Hewitt, editors. *Frontiers in Wildlife Science: Linking Ecological Theory and Management Applications*. CRC Press, Boca Raton, Florida.
40. Kuvlesky, W. P., Jr., L. A. Brennan, B. M. Ballard, and T. M. Langschied. 2007. Avian ecology at the landscape scale in south Texas: applying metapopulation theory to grassland bird conservation. Pages 21-42 in T. E. Fulbright and D. G. Hewitt, editors, *Frontiers in Wildlife Science: Linking Ecological Theory and Management Applications*. CRC Press, Boca Raton, Florida.
41. Ballard, B. M., J. E. Thompson, and M. J. Petrie. 2006. Carcass composition and digestive tract dynamics of northern pintails wintering along the lower Texas coast. *Journal of Wildlife Management* 70: 1316–1324.
42. Fedynich, A. M., R. S. Finger, B. M. Ballard, J. M. Garvon, and M. J. Mayfield. 2005. Helminths of Ross' and greater white-fronted geese wintering in south Texas, USA. *Comparative Parasitology* 72: 33–38.
43. Ballard, B. M., J. E. Thompson, M. J. Petrie, M. Checkett, and D. H. Hewitt. 2004. Diet and nutrition of northern pintails wintering along the southern coast of Texas. *Journal of Wildlife Management* 68: 371–382.
44. Kloss, C. L., A. M. Fedynich, and B. M. Ballard. 2003. Survey of blood parasites in Ross' and white-fronted geese in southern Texas. *Southwestern Naturalist* 48: 286–289.
45. Glenn, T. C., J. E. Thompson, B. M. Ballard, J. A. Roberson, and J. O. French. 2002. Mitochondrial DNA variation among wintering mid-continent Gulf Coast sandhill cranes. *Journal of Wildlife Management* 62: 339–348.
46. Ballard, B. M. 2001. Parasitism of a Laughing gull nest by black-bellied whistling ducks. *Wilson Bulletin* 113: 339–340.
47. Ballard, B. M., M. T. Merendino, R. H. Terry, and T. C. Tacha. 2001. Estimating abundance of breeding mottled ducks in Texas. *Wildlife Society Bulletin* 29: 1186–1192.
48. Ballard, B. M. and J. E. Thompson. 2000. Winter diets of sandhill cranes from central and coastal Texas. *Wilson Bulletin* 112: 263–268.
49. Ballard, B. M., J. E. Thompson, M. T. Merendino, J. D. Ray, J. A. Roberson, and T. C. Tacha. 1999. Demographics of the Gulf Coast subpopulation of mid-continent sandhill cranes. *Proceedings of the Southeastern Association of Fish and Wildlife Agencies* 53: 449–463.
50. Igl, L. D. and B. M. Ballard. 1999. Habitat association of migrating and overwintering grassland birds in southern Texas. *Condor* 101: 771–782.
51. Ballard, B. M. and T. C. Tacha. 1995. Habitat use by geese wintering in southern Texas. *Southwestern Naturalist* 40: 68–75.

52. Ballard, B. M., and T. C. Tacha. 1994. Avian response during winter to sorghum management in southern Texas. *Journal of Agriculture and Natural Resources* 7: 55–69.

Popular Articles:

- Ballard, B. M. 2014. Duck Divas. *South Texas Wildlife*, Volume 18, Number 2.
- Ballard, B. M. 2013. Rice and Waterfowl: a winning combination. *South Texas Wildlife*, Volume 17, Number 2.
- Ballard, B. M. 2013. Late winter wetland management for waterfowl. *Texas Wildlife*, February issue.
- Ballard, B. M. 2011. Texas Colonial Waterbirds. *Texas Wildlife*, October issue.
- Ballard, B. M. 2010. The marvels of migration. *Texas Wildlife*, October issue.
- Ballard, B. M. 2008. Trouble for Texas Pintails. *Ducks Unlimited* magazine, Jan/Feb issue.
- Ballard, B. M. 2008. The perfect place for a waterbird researcher. *Texas Wildlife*, February issue.
- Fitzsimmons, O. N. and B. M. Ballard. 2007. Least Bittern. *South Texas Wildlife*, Volume 11, Number 2.
- Bates, E. M. and B. M. Ballard. 2005. The Charismatic Reddish Egret. *South Texas Wildlife*, Volume 9, Number 1.
- Ballard, B. M. 2003. The Mottled Duck: A little known Texas treasure. *Texas Wildlife Extra*, October Issue.
- James, J. D., and B. M. Ballard. 2001. Redheads: The True Winter Texans. *Texas Wildlife Extra*, October Issue.

Presented Papers:

International

- 50 presentations at international conferences on research originated from my research program and where I or my graduate student was presenter.
- 3 presentations I was invited to present
- 12 that I was co-author that did not originate from my research program

National

- 25 presentations at national conferences on research originated from my research program and where I or my graduate student was presenter.
- 9 that I was co-author that did not originate from my research program

Regional

- 6 presentations at regional conferences on research originating from my research program and where I or my graduate student was presenter

3 presentations I was co-author that did not originate from my research program

State

81 presentations at state conferences on research originated from my research program and where I or my graduate student was presenter.

7 presentations I was invited to present

20 that I was co-author that did not originate from my research program

Local

25 presentations that I was invited to present to local organizations.

Funded Grants:

1. Ballard, B. M. Modeling shorebird foraging habitat in the Laguna Madre. Rob and Bessie Welder Wildlife Foundation. \$49,460.
2. Weegman, M., B. Ballard, L. Webb, and R. Clark. Quantifying individual decision-making in space and time to link habitat conservation and management from Region 3 to the continent-scale for long-distance migrant shorebirds. U.S. Fish and Wildlife Service. 2017. \$35,448.
3. Ballard, B. M. and D. P. Collins. Movement ecology of mid-continent greater white-fronted geese. Texas Parks and Wildlife Department. 2015-2018: \$244,265.
4. Ballard, B. M. and D. P. Collins. Estimating current and future habitat use by sandhill cranes wintering along the Texas coast. Texas Parks and Wildlife Department. 2015-2017: \$119,616.
5. Ballard, B. M. and A. Thurwalker. Ecology of migrating shorebirds in the Laguna Madre. Pinnel Foundation. 2015: \$100,000.
6. Contreras, S. and B. M. Ballard. Bird migration along the Texas Coast. Cowden Charitable Trust. 2014: \$10,000
7. Ballard, B. M. and S. Contreras. Understanding bird migration dynamics along the lower Texas coast (phase 2). Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation. 2014: \$96,139
8. Ballard, B. M. Effects of wind energy on redhead ducks in southern Texas. U.S. Fish and Wildlife Service. 2013-2015: \$143,000
9. Ballard, B. M. Texas Coastal Vegetation Survey. University of Louisiana-Lafayette. 2012-2013: \$22,000
10. Ballard, B. M. Bird migration characteristics at an inland site along the lower Texas Coast. Texas A&M University-Kingsville Research Award, 2012-2013: \$14,994
11. Ballard, B. M. Nutritional ecology of northern pintails in Texas. Texas Parks and Wildlife Department 2012-2015: \$151,265
12. Ballard, B. M. and E. J. Redeker. Decision Support Tool to guide mottled duck management. Gulf Coast CESU. 2012-2013: \$64,000
13. Ballard, B.M. Reproductive Ecology of American Oystercatchers. National Fish & Wildlife Foundation/Gulf Coast Bird Observatory. 2012-2013: \$16,740
14. Ballard, B. M. Delineation of coastal marsh zones in Texas. Ducks Unlimited, Inc. 2010-2012: \$62,000

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15. Ballard, B. M. Ecology of Adult Reddish Egrets along the Texas Coast. U.S. Fish and Wildlife Service. 2010-13: \$163,691.
16. Ballard, B. M. Molting habitat of western Gulf Coast mottled ducks. Exxon Mobile Corporation. 2010: \$2,500
17. Rasmussen, A. and B. M. Ballard. Dynamics of Bird Migration along the Lower Gulf Coast of Texas. Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation. 2008-10: \$450,000
18. Ballard, B. M. Seasonal Survival, Movements, and Habitat Use of Western Gulf Coast Mottled Ducks. Ducks Unlimited, Inc. 2008-11: \$297,118
19. Ballard, B. M. Ecological Implications of Marsh Management to Waterbirds. Texas Parks and Wildlife Department. 2007-09: \$24,150
20. Ballard, B. M. Foraging Ecology of Reddish Egrets in Texas. Fort Worth Zoo. 2008: \$5,000
21. Ballard, B. M. Survival, Dispersal and Genetic Variability of Reddish Egrets along the Lower Texas Coast. Ben and Rachel Vaughan Foundation. 2006: \$5,000
22. Ballard, B. M. Survival of Western Gulf Coast Mottled Ducks. Ducks Unlimited, Inc. 2006-07: \$15,500
23. DeYoung, R. W., M. Garcia, and B. M. Ballard. Detection and Prevalence of Avian Influenza in Feral Swine from Southern Texas. United States Department of Agriculture, APHIS-Wildlife Services. 2007: \$100,000
24. Ballard, B. M., W.P. Kuvlesky, and L.A. Brennan. Dynamics of Bird Migration along the Lower Gulf Coast of Texas. Texas Parks and Wildlife Department. 2006-09: \$123,477
25. Ballard, B. M. Lower Laguna Madre Summer Internship. Exxon Mobile Corporation. 2005: \$2,000
26. Kuvlesky, W. P., B. M. Ballard, and L. A. Brennan The potential impact of a wind generating facility on bird communities of the lower Texas Gulf Coast. Texas Parks and Wildlife Department. 2005-06: \$51,000
27. Ballard, B. M. The role of rice agriculture in the winter ecology of northern pintails. The Rice Foundation. 2004-05: \$15,300
28. Ballard, B. M. Student experience in coastal ecology. Coastal Bend Community Foundation. 2005: \$6,000
29. Ballard, B. M. Habitat use and survival of northern pintails along the Gulf Coast of Texas. Ducks Unlimited, Inc. 2003-05: \$40,000
30. Ballard, B. M. Habitat use and survival of female northern pintails in the rice prairie and coastal regions of Texas. Texas Parks and Wildlife Department. 2002-04: \$54,080.
31. Ballard, B. M. Survival and habitat use of female northern pintails in the rice prairie and coastal regions of Texas. U.S. Fish and Wildlife Service, Gulf Coast Joint Venture.

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2002–03: \$10,000.

32. Ballard, B. M. Relationship between shoalgrass distribution and freshwater availability: Implications for wetland conservation. Texas Coastal Management Program. 2002-03: \$36,423
33. Ballard, B. M. Nutrient reserve dynamics of wintering redheads. Texas A&M University-Kingsville Summer Research Initiative. 2002: \$3,716
34. Ballard, B. M. The winter ecology of female northern pintails in the rice prairie and coastal regions of Texas. Rosewood Foundation. 2002: \$5,000
35. Ballard, B. M. Wintering ecology of female northern pintails in the rice prairie and coastal regions of Texas. Gordon and Mary Cain Foundation. 2002: \$25,000
36. Ballard, B. M., M. J. Petrie, and J. D. James The relationship between shoalgrass abundance and wintering redhead populations in the Laguna Madre of Texas: Implications for wetland conservation. Coastal Bend Bays and Estuaries Program. 2002: \$50,000
37. Ballard, B. M. The ecology of redhead ducks in the Laguna Madre Estuary of Texas. Alvin and Lucy Owsley Foundation. 2001–03: \$12,500.
38. Ballard, B. M., M. J. Petrie, and J. D. James. The relationship between shoalgrass abundance and wintering redhead populations in the Laguna Madre of Texas: Implications for wetland conservation. Ducks Unlimited, Inc. 2002–03: \$74,290
39. Ballard, M. T. Merendino, and A. M. Fedynich Habitat Use, Movements, and Survival of Female Mottled Ducks and Ducklings during Brood rearing. Texas Parks and Wildlife Department. 2000–02: \$49,792
40. Ballard, B. M., M. J. Petrie, and J. D. James. Grazing Behavior and Nutritional Ecology of Redheads in the Laguna Madre. Rob and Bessie Welder Wildlife Foundation. 2000–03: \$64,000.
41. Ballard, B. M. Design and analysis of sandhill crane studies in Texas. North Dakota Game and Fish Department. 1997–98: \$1,500
42. Thompson, J. E., M. J. Petrie, and B. M. Ballard. Evaluation of the Laguna Madre as an alternative Wintering site for northern pintails displaced from the Rice Prairies of Texas. Ducks Unlimited, Inc. (IWWR). 1997–99: \$41,000
43. Ballard, B. M., J. E. Thompson, J. A. Roberson. Genetic determination of subspecific composition in the Gulf Coast subpopulation of sandhill cranes. U.S. Fish and Wildlife Service. 1997–98: \$19,803
44. Ballard, B. M. Status and Harvest of the Gulf Coast Population of Mottled Ducks. Texas Parks and Wildlife Department. 1996–97: \$9,200
45. Tacha, T. C., B. M. Ballard, and J. A. Roberson. Distribution, Abundance, Recruitment, and Subspecific Composition of the Gulf Coast Subpopulation of Mid-continent Sandhill

Cranes. Texas Parks and Wildlife Department & U.S. Fish and Wildlife Service. 1995–97: \$101,701

PROFESSIONAL GROWTH AND ACTIVITIES

Commented [BMB1]: Develop this better – more detail as to my involvement

Leadership Roles in Professional Organizations

- Monitoring, Evaluation, & Research Team, Gulf Coast Joint Venture (2002-present)
- Laguna Madre Initiative Team, Gulf Coast Joint Venture (2002-present)
- Texas Colonial Waterbird Society Advisory Board (2002-present)
- North American Reddish Egret Recovery Working Group (2005-present)
- IUCN Heron Recovery Group (2009-present)
- Texas Parks and Wildlife Department, Migratory Game Bird Advisory Committee (2011-present)
- Texas Chapter of the Wildlife Society
 - President (2009), President Elect (2008), Vice President (2007),
 - Local Arrangements Committee Chair (2005), Certification Committee Chair (2002, 2003, 2004), Membership Committee Chair (2005), Student Affairs Committee member (2003, 2004, 2007), Publications Awards Committee member (2003), Nominations Committee Chair (2010), Student Activities Committee Chair (2012)
- James G. Teer Conservation Leadership Institute, Science Advisory Board (2014-15)

Grant and Manuscript Review

- Serve on grant review panel of the Gulf Coast Joint Venture to review grants for the North American Wetland Conservation Act, National Fish and Wildlife Foundation

- Manuscripts reviewed for:

American Midland Naturalist
 Biological Conservation
 Hydrobiologia
 Journal of Field Ornithology
 Landscape Ecology
 Southeastern Naturalist
 Texas A&M University Press
 Waterbirds
 Wildlife Society Bulletin

The Auk
 Great Plains Research
 Intern. J. of Biodiversity and Conservation
 Journal of Wildlife Management
 Prairie Naturalist
 Southwestern Naturalist
 Proc. N. American Crane Symposium
 Wetlands
 Wilson Journal of Ornithology

SERVICE ACTIVITIES

University Committee Assignments

- Institutional Animal Care and Use Committee: member, 2010-present
- Faculty Senate: 2013-14, 2014-15, 2015-16, 2016-17
 - Elections Committee: 2013-17
 - Student Rating of Instruction Committee: 2013-15
 - Constitution Review Committee, Chair: 2016-17
 - Resolutions and Bylaws Committee: 2017
- Honors College Council, member

Senate Bill 11 Task Force, 2015

- Faculty Developmental Leave: Chair, 2005-2006
- Graduate Council: member, 2004-2007
- Research Council: member, 2002-2005
- University Appeals Committee, 2012-13
- Class Scheduling Task Force: Chair, 2008
- Transportation Task Force, 2008
- Student Rating of Instruction Task Force, 2014
- Committee on Assessment and Planning, 2008-10
- TAMUK Sustainability Task Force, 2014-present
- College of Agriculture Promotion and Tenure Task Force, Chair 2017-18
- Department of Animal and Wildlife Sciences Curriculum Committee: Chair 2004 – present
- Scholarship Committees
 - Dallas Ecological Foundation Scholarship: 2001
 - AWS Student Excellence Awards: 2003
- Search Committees
 - Quantitative Ecologist: 2010
 - Wildlife Education Specialist: 2011
 - Wildlife Education Specialist: 2012
 - Associate Director, Geospatial Technologies: 2013
 - Writing Center Director: 2014

Honors and Awards

- 2017 Coastal Bend Bays Foundation Conservation Award, Higher Education
- 2016 Senior Research Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville
- 2016 Wetland Conservation Achievement Award, Ducks Unlimited
- 2012 Distinguished Teacher of the Year, Texas A&M University-Kingsville Javelina Alumni Association
- Texas A&M University Systems Student Recognition Award for Teaching Excellence – Spring 2011
- 2011 Educator of the Year, Texas Chapter of The Wildlife Society
- 2010-11 Senior Teaching Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville
- 2008-09 Advising Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville
- 2006-07 Junior Teaching Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville