

CURRICULUM VITAE
DAVID G. HEWITT

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EDUCATION

Ph.D., Virginia Tech. 1994. Wildlife Biology. Dissertation Title: Foraging and nutrition of ruffed grouse in the southern Appalachians. Major Professor: Roy L. Kirkpatrick.
M.S., Wash. State Univ. 1989. Wildlife Biology. Thesis Title: Correcting grizzly bear scat analysis to observed food habits. Major Professor: Charles T. Robbins.
B.S. with Highest Distinction and University Honors, Colo. State Univ. 1987. Wildlife Biology.

EMPLOYMENT

Professor and Stuart Stedman Chair in White-tailed Deer Research. 2008-present. Caesar Kleberg Wildlife Research Institute. Texas A&M University - Kingsville. Kingsville, TX.
Associate Professor and Stuart Stedman Chair in White-tailed Deer Research. 2006-2008. Caesar Kleberg Wildlife Research Institute. Texas A&M University - Kingsville. Kingsville, TX.
Associate Professor. 2000-2006. Caesar Kleberg Wildlife Research Institute. Texas A&M University - Kingsville. Kingsville, TX.
Assistant Professor. 1996-2000. Caesar Kleberg Wildlife Research Institute. Texas A&M University - Kingsville. Kingsville, TX.
Post-Doctoral Fellow 1995-96. Berryman Institute for Wildlife Damage Management, Utah State University. Logan, UT.
Lecturer 1994-1995. Humboldt State Univ., Arcata, CA.
Teaching Assistant 1993-1994. Virginia Tech., Blacksburg, VA.
Research Associate 1989-1990. Texas Agriculture Experiment Station. Uvalde, TX.
Research Assistant 1987-1989. Wash. State Univ., Pullman, WA.

COURSES TAUGHT

Theoretical Large Mammal Ecology. Texas A&M University - Kingsville. Graduate Level.
Large Mammal Ecology and Management. Texas A&M University - Kingsville. Senior level.
Wildlife Nutrition. Texas A&M University - Kingsville. Graduate level.
Ecology and Management of Upland Gamebirds.
Texas A&M University - Kingsville. Graduate level
Humboldt State University. Senior level.
Principles of Wildlife Management. Humboldt State University. Senior level.
Principles of Wildlife Ecology. Humboldt State University. Junior level, non major.

Ecology and Management of Upland Habitats. Humboldt State University. Senior level.

Senior Seminar. Humboldt State University. Senior level.

Micro-computer Use in Natural Resources. Virginia Tech. Sophomore level.

Wildlife Techniques. Virginia Tech. Junior Level. Teaching Assistant.

PUBLICATIONS

Zabransky, C. J., **D. G. Hewitt**, R. W. DeYoung, S. S. Gray, C. Richardson, A. R. Litt, and C. A. DeYoung. 2016. A detection probability model for aerial surveys of mule deer. *Journal of Wildlife Management* In press.

Gann, W. J., T. E. Fulbright, E. D. Grahmann, **D. G. Hewitt**, C. A. DeYoung, D. B. Wester, B. A. Korzekwa, K. N. Echols, D. A. Draeger. 2016. Does supplemental feeding of white-tailed deer alter response of palatable shrubs to browsing? *Rangeland Ecology and Management* In Press.

Cantu, A., J. A. Ortega, G. Alvarez, S. Henke, C. D. Hilton, **D. G. Hewitt**, R. W. DeYoung, T. A. Campbell, and F. C. Bryant. In Press. *Neospora caninum* in axis and fallow deer in northern Mexico. *Journal of Wildlife Diseases*.

Snow, N.P., J. M. Halseth, M. J. Lavelle, T. E. Hanson, C. R. Blass, J. A. Foster, S. T. Humphrys, L. D. Staples, **D. G. Hewitt**, K. C. VerCauteren. 2016. Bait preference of free-ranging feral swine for delivery of a novel toxicant. *PLoS ONE* 11(1): e0146712.doi:10.1371/journal.pone.0146712

Hewitt, D. G. 2015. Hunters and the conservation and management of white-tailed deer (*Odocoileus virginianus*). *International Journal of Environmental Studies* 72:839-849.

Lavelle, M. J., C. Blass, J. W. Fischer, S. E. Hygnstrom, **D. G. Hewitt**, K. C. VerCauteren. 2015. Food habits of adult male white-tailed deer determined by camera collars. *Wildlife Society Bulletin*. doi:10.1002/wsb.556

Crider, B. L., T. E. Fulbright, **D. G. Hewitt**, C. A. DeYoung, E. D. Grahmann, W. J. Priesmeyer, D. B. Wester, K. N. Echols, and D. Draeger. 2015. Influence of white-tailed deer population density on vegetation standing crop in a semiarid environment. *Journal of Wildlife Management* 79:413-424.

Foley, A. M., R. W. DeYoung, **D. G. Hewitt**, M. W. Hellickson, K. L. Gee, D. B. Wester, M. A. Lockwood, and K. V. Miller. 2015. Purposeful wanderings: mate-search strategies of male white-tailed deer. *Journal of Mammalogy* 96:279–286.

Zeferino Garcia-Vazquez, J. Ortega-S., A. Cantu-Covarruvias, J. Mosqueda, **D. G. Hewitt**, R. DeYoung, T. Campbell, and F. Bryant. 2015. Tick borne diseases in sympatric populations of fallow deer and axis deer in northern Mexico. *Journal of Wildlife Diseases* 51:527-529.

- Machado, T. J., C. M. Albert, M. J. Schnupp, and **D. G. Hewitt**. 2014. Characteristics of nilgai antelope carcasses and meat quality. *Texas Journal of Agriculture and Natural Resources* 27:73-83.
- Folks, D. J., K. Gann, T. E. Fulbright, **D. G. Hewitt**, C. A. DeYoung, D. B. Wester, K. N. Echols, and D. A. Draeger. 2014. Drought but not population density influences dietary niche breadth in white-tailed deer in a semiarid environment. *Ecosphere* 5:art162 <http://dx.doi.org/10.1890/ES14-00196.1>.
- Hewitt, D. G.**, M. W. Hellickson, J. S. Lewis, D. B. Wester, F. C. Bryant. 2014. Age related patterns of antler development in free-ranging white-tailed deer. *Journal of Wildlife Management* 78:976-984.
- Lavelle, M. J., J. W. Fischer, G. E. Phillips, A. M. Hildreth, T. A. Campbell, **D. G. Hewitt**, S. E. Hygnstrom, K. C. Vercauteren. 2014. Assessing risk of disease transmission: Direct implications for an indirect science. *Bioscience* 64:524-530.
- Wiemers, D. W., T. E. Fulbright, D. B. Wester, J. A. Ortega-S., G. A. Rasmussen, **D. G. Hewitt**, and M. W. Hellickson. 2014. Role of thermal environment in habitat selection by male white-tailed deer during summer in Texas, USA. *Wildlife Biology* 20:47-56.
- Moore, M. T., A. M. Foley, C. A. DeYoung, **D. G. Hewitt**, T. E. Fulbright, D. A. Draeger. 2013. Evaluation of population estimates of white-tailed deer from camera survey. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 1:127-132
- Fedynich, A. M., W. Colson, **D. G. Hewitt**, S. Kremer, and C. Mason. 2013. Aging classification criteria for fledged juvenile white-winged doves. *Journal of Fish and Wildlife Management* <http://dx.doi.org/10.3996/062012-JFWM-050>.
- Fulbright, T. E., K. R. Hickman, and **D. G. Hewitt**. 2013. Exotic grass invasion and wildlife abundance and diversity, south-central United States. *Wildlife Society Bulletin* 37:503-509.
- Donohue, R. N., **D. G. Hewitt**, T. E. Fulbright, C. A. DeYoung, A. R. Litt, and D. A. Draeger. 2013. Aggressive behavior of white-tailed deer at concentrated food sites as affected by population density. *Journal of Wildlife Management* 77:1401-1408.
- Priesmeyer, W. J., T. E. Fulbright, E. D. Grahmann, **D. G. Hewitt**, C. A. DeYoung, D. A. Draeger. 2012. Does supplemental feeding of deer degrade vegetation? A literature review. *Proceedings Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 66:107-113.
- Tri, A. N., F. Hernandez, **D. G. Hewitt**, W. P. Kuvlusky Jr., and L. A. Brennan. 2012. Effects of carbohydrate-based and protein-carbohydrate rations on wild bobwhite nesting and demographics. *Proceedings of the National Quail Symposium* 7:101-106.

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- Lavelle, M. J., S. E. Hygnstrom, A. M. Hildreth, T. A. Campbell, D. B. Long, **D. G. Hewitt**, J. Beringer, K. C. Vercauteren. 2012. Utility of improvised video-camera collars for collecting contact data from white-tailed deer: Possibilities in disease transmission studies. *Wildlife Society Bulletin* 36:828-834.
- Foley, A. M., R. W. DeYoung, S. D. Lukefahr, J. S. Lewis, **D. G. Hewitt**, M. W. Hellickson, D. A. Draeger, and C. A. DeYoung. 2012. Repeatability of antler characteristics in mature white-tailed deer in South Texas: consequences of environmental effects. *Journal of Mammalogy* 93:1149-1157.
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- Lewis, J. S., R. D. Kaiser, **D. G. Hewitt**, and D. R. Synatzske. 2012. Female white-tailed deer body condition and diet after a large spring wildfire. *Rangeland Ecology and Management* 65:309-312.
- Wyckoff, A. C., S. E. Henke, T. A. Campbell, **D. G. Hewitt**, and K. C. VerCauteren. 2012. Movement and habitat use of feral swine near domestic swine facilities. *Wildlife Society Bulletin* 36:130-138.
- Moczygamba, J. D., **D. G. Hewitt**, T. A. Campbell, J. A. Ortega-S., J. Feild, and M. W. Hellickson. 2012. Home ranges of nilgai antelope (*Boselaphus tragocamelus*) in Texas. *Southwestern Naturalist* 56:26-30.
- Windels, S. K., and **D. G. Hewitt**. 2011. Effects of plant secondary compounds on nutritional carrying capacity estimates of a browsing ungulate. *Rangeland Ecology and Management* 64:264-275.
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- Reidy, M. M., T. A. Campbell, **D. G. Hewitt**. 2011. A mark-recapture technique for monitoring feral swine populations. *Rangeland Ecology and Management* 64:316-318.
- Moseley, W. A., S. M. Cooper, **D. G. Hewitt**, T. E. Fulbright, and C. A. DeYoung. 2011. Effects of supplemental feeding and density of white-tailed deer on rodents. *Journal of*

Wildlife Management 75:675-681.

Webb, S. L., S. Demarais, and D. G. Hewitt. 2010. Size of home ranges and movements determine size and configuration of management units and potential spread of disease in white-tailed deer (*Odocoileus virginianus*). *Southwestern Naturalist* 55:488-492.

Delgado-Acevedo, J., A. Zamorano, R. W. DeYoung, T. A. Campbell, **D. G. Hewitt**, and D. B. Long. 2010. Promiscuous mating in feral pigs (*Sus scrofa*) from Texas, USA. *Wildlife Research* 37:539-546.

Bullock, S. L., **D. G. Hewitt**, R. L. Stanko, M. K. Dowd, J. Rutledge, D. A. Draeger. 2010. Plasma gossypol dynamics in white-tailed deer: Implications for whole cottonseed as a supplemental feed. *Small Ruminant Research* 93:165-170.

Erxleben, D. R., M. J. Butler, W. B. Ballard, M. C. Wallace, M. J. Peterson, N. J. Silvy, W. P. Kuvlesky Jr, **D. G. Hewitt**, S. J. DeMaso, J. B. Hardin, M. K. Dominguez-Brazil. 2010. Wild Turkey (*Meleagris gallopavo*) association to roads: implications for distance sampling. *European Journal of Wildlife Research* 57:57-65.

Pérez de León et al. 2010. One Health approach to identify research needs in bovine and human babesioses: workshop report. *Parasites & Vectors* 3:36.

Timmons, G. R., **D. G. Hewitt**, C. A DeYoung, T. E. Fulbright, and D. A. Draeger. 2010. Does supplemental feed increase selective foraging in a browsing ungulate? *Journal of Wildlife Management* 74:995-1002.

Campbell, T. A., S. L. Bullock, D. B. Long, **D. G. Hewitt**, and M. K. Dowd. 2010. Visitation to cottonseed storage sites by feral swine and evidence of gossypol exposure. *Human-Wildlife Interactions* 4:145-151.

Elston, J. J., and **D. G. Hewitt**. 2010. Intake of mast by wildlife in Texas and the potential for competition with wild boars. *Southwestern Naturalist* 55:57-66.

Elston, J. J., and **D. G. Hewitt**. 2010. Comparative digestion of food among wildlife in Texas: implications for competition. *Southwestern Naturalist* 55:67-77.

Sanchez-Johnson, Y., F. Hernandez, **D. G. Hewitt**, E. J. Redeker, G. L. Waggerman, H. O. Melendez, H. V. Zamora Trevino, and J. A. Roberson. 2009. Status of white-winged dove nesting colonies in Tamaulipas, Mexico. *Wilson Journal of Ornithology* 121:338-346.

Wycoff, A. C., S. E. Henke, T. A. Campbell, **D. G. Hewitt**, and K. C. Vercauteren. 2009. Feral swine contact with domestic swine: a serologic survey and assessment of potential for disease transmission. *Journal of Wildlife Diseases* 45:422-429.

Foley, A. M., M. B. Pierce, **D. G. Hewitt**, R. W. DeYoung, T. A. Campbell, M. W. Hellickson,

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- Webb, S. L., **D. G. Hewitt**, D. D. Marquardt, and M. W. Hellickson. 2008. Spatial distributions of adult male white-tailed deer relative to supplemental feed sites. *Texas Journal of Agriculture and Natural Resources* 21:32-42.
- Reidy, M. M., T. A. Campbell, **D. G. Hewitt**. 2008. Evaluation of electric fencing to inhibit feral pig movements. *Journal of Wildlife Management* 72:1012-1018.
- Webb, S. L., J. S. Lewis, **D. G. Hewitt**, M. W. Hellickson, F. C. Bryant. 2008. Assessing the helicopter and net-gun as a capture technique for white-tailed deer. *Journal of Wildlife Management* 72:310-314.
- Pruitt, K. D., **D. G. Hewitt**, N. J. Silvy, and S. Benn. 2008. Native seeds in agricultural landscapes: Nutrient limitation in avian diets dominated by agricultural grains. *Journal of Wildlife Management* 72:433-439.
- Webb, S. L., **D. G. Hewitt**, and M. W. Hellickson. 2007. Effects of permanent water on home ranges and movements of adult male white-tailed deer in southern Texas. *Texas Journal of Science* 59:261-276.
- Rusk, J. P., F. Hernandez, J. A. Arredondo, F. Hernandez, F. C. Bryant, **D. G. Hewitt**, E. J. Redeker, L.A. Brennan, and R.L. Bingham. 2007. An evaluation of survey methods for estimating abundance of northern bobwhite abundance in southern Texas. *Journal of Wildlife Management* 71:1336-1343.
- Collier, B. A., K. B. Melton, J. Z. Dreibelbis, W. P. Kuvlesky, G. A. Proudfoot, R. Aguirre, **D. G. Hewitt**, T. W. Schwertner, S. J. DeMaso, N. J. Silvy, and M. J. Peterson. 2007. Sex ratio variation in Texas Rio Grande wild turkeys. *Journal of Wildlife Management* 71:1793-1799.
- Wyckoff, C., S. Henke, T. Campbell, **D. G. Hewitt**, and K. Vercauteren. 2007. GPS telemetry collars: Considerations before you open your wallet. *Proceedings 12th Wildlife Damage Management Conference* 12:571-576.
- Webb, S. L., **D. G. Hewitt**, M. W. Hellickson. 2007. Scale of management for mature male white-tailed deer as influenced by home range and movements. *Journal of Wildlife Management* 71:1507-1512.

- Webb, S. L., **D. G. Hewitt**, M. W. Hellickson. 2007. Survival and cause-specific mortality of mature male white-tailed deer. *Journal of Wildlife Management* 71:555-558.
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- Bartoskewitz, M. L., **D. G. Hewitt**, J. C. Laurenz, J. S. Pitts, F. C. Bryant. 2007. Effect of dietary concentrations of copper and zinc on white-tailed deer antler growth, body size, and immune system function. *Small Ruminant Research* 73:87-94.
- Sepulveda, M., F. Hernandez, **D. G. Hewitt**, W. P. Kuvlesky, G. Waggenerman, and R. L. Bingham. 2006. Evaluation of auditory counts for estimating breeding populations of white-winged doves. *Journal of Wildlife Management* 70:1393-1402.
- Webb, S. L., C. J. Zabransky, R. S. Lyons, and **D. G. Hewitt**. 2006. Water use and quality of wildlife watering sources during summer in Texas. *Southwestern Naturalist* 51:368-375.
- Elston, J. J., E. A. Klinksiek, **D. G. Hewitt**. 2005. Digestive efficiency of collared peccaries and wild pigs. *Southwestern Naturalist* 50:515-519.
- Strickland, B. K., **D. G. Hewitt**, C. A. DeYoung, and R. L. Bingham. 2005. Digestible energy requirements for maintenance of body mass of white-tailed deer in southern Texas. *Journal of Mammalogy* 86:56-60.
- McCoy, J. E., **D. G. Hewitt**, and F. C. Bryant. 2005. Dispersal by yearling male white-tailed deer and implications for management. *Journal of Wildlife Management* 69:366-376.
- Campbell, T. A., and **D. G. Hewitt**. 2005. Nutritional value of guajillo as a component of male white-tailed deer diets. *Rangeland Ecology and Management* 58:58-64.
- Wyckoff, A. C., S. E. Henke, T. A. Campbell, **D. G. Hewitt**, and K. Vercauteren. 2005. Preliminary serologic survey of selected diseases and movements of feral swine in Texas. *Proceedings 11th Wildlife Damage Management Conference*. 11:23-32.
- Mayfield, M. J., T. A. Campbell, and **D. G. Hewitt**. 2004. Absorption of non-protein nitrogen in guajillo by white-tailed deer. *Texas Journal of Agriculture and Natural Resources* 17:50-56.
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- Campbell, T. A., and **D. G. Hewitt**. 2004. Mineral metabolism in white-tailed deer consuming diets containing guajillo. *Southwestern Naturalist* 49:367-375.

- Bartoskewitz, M. L., **D. G. Hewitt**, J. S. Pitts, and F. C. Bryant. 2003. Supplemental feed use by free-ranging white-tailed deer in southern Texas. *Wildlife Society Bulletin* 31:1218-1228.
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- Windels, S. K., **D. G. Hewitt**, and T. D. A. Forbes. 2003. Effects of aeration on phenolic amine content of guajillo. *Journal of Range Management* 56:529-533.
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- Burkepile, N. A., **D. G. Hewitt**, M. F. Small, E. C. Hellgren, and G. L. Waggerman. 2002. Effects of methyl parathion on white-winged dove productivity and reproductive behavior. *Journal of Wildlife Management* 66:202-211.
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- Martinez M., A., and **D. G. Hewitt**. 2001. Sobre poblacion de venado cola blanca en el noreste de Mexico. *Ciencia UANL* 4(2):177-181.
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- Messmer, T. A., L. Cornicelli, D. J. Decker, and **D. G. Hewitt**. 1997. Stakeholder acceptance of urban deer management techniques. *Wildlife Society Bulletin* 25:360-366.
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Association of Fish and Wildlife Agencies 46:207-214.

BOOK CHAPTERS

- Kuvlesky, W. P., 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. R. Krausman and J. W. Cain, editors. *Wildlife Management and Conservation: Contemporary Principles and Practices*. John Hopkins University Press. Baltimore, MD.
- Hewitt, D. G.** 2012. Adaptable management for an adaptable species: white-tailed deer management in the southeastern and northwestern United States: Introduction. Page 17 in R. T. Hale, K. C. Krause, J. Reneau, and J. Spring, editors. *Records of North American Whitetail Deer*, 5th Edition. Boone and Crockett Club, Missoula, MT.
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- Hewitt, D. G.**, and D. Doan-Crider. 2008. Metapopulations, food, and people: bear management in northern Mexico. Pages 165-182 in T. E. Fulbright and D. G. Hewitt, editors. *Wildlife Science: Linking ecological theory and management applications*. CRC Press. Baton Rouge, LA.
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- Medellin, R. A., C. Manterola, M. Valdez, **D. G. Hewitt**, D. Doan-Crider, and T. E. Fulbright. 2005. History, ecology, and conservation of the pronghorn antelope, bighorn sheep, and black bear in Mexico. Pages 387-404 in J. E. Cartron, G. Ceballos, R. S. Felger, editors. *Biodiversity, ecosystems, and conservation in Northern Mexico*. Oxford University Press, New York, New York, USA.

BOOK EDITORSHIP

- Hewitt, D. G.** 2011. *Biology and Management of White-tailed Deer*. CRC Press. Boca Raton, FL. **Designated an Outstanding Academic Title by *Choice Magazine*. Outstanding book award from the Texas Chapter of The Wildlife Society – 2012. Outstanding Edited Book from The Wildlife Society – 2013.**

Fulbright, T. E., and **D. G. Hewitt**, eds. 2008. Wildlife Science: Linking ecological theory and management applications. CRC Press. Boca Raton, FL. **Outstanding book award from the Texas Chapter of The Wildlife Society – 2011.**

BOOK REVIEWS

Hewitt, D. G. 2013. Nature Wars and Deerland: The flip side of wildlife management in the 21st Century. The Wildlife Professional. 7(3): 66-68.

Hewitt, D. G. 2004. Understanding the distribution and abundance of species. Conservation Biology 18:1168-1171.

Hewitt, D. G. 2004. Resolving human-wildlife conflicts: The science of wildlife damage management. Journal of Wildlife Management 68:217-220.

COMPLETED GRADUATE STUDENT RESEARCH PROJECTS

Effects of brush treatments on white-tailed deer carrying capacity at Campo Santa Maria, Nuevo Leon, Mexico. Steve Windels, M.S. degree. 1999. Current Employer - National Park Service.

Sublethal effects of organophosphorus pesticides on reproductive behavior, physiology, and productivity of white-winged doves. Nathan Burkepile, M.S. degree. Current Employer - Yakima Nation - Wildlife, Range, and Vegetation Resources Management Program.

Effects of secondary plant chemicals on calcium balance and antler growth in white-tailed deer. Tyler Campbell, M.S. degree. Current Employer – East Wildlife Foundation.

Bobcat movements and survival near U. S. Highway 281 in southern Texas. Valerie Tuovila, M.S. degree. Current Employer - Michigan Department of Wildlife.

Bobcat use of highway crossing structures and habitat use near a highway expansion in southern Texas. Alan Cain, M.S. degree. Current Employer - Texas Parks and Wildlife.

Conspecific brood parasitism and nest box use of black-bellied whistling ducks in southern Texas. Dale James, M.S. degree. Current Employer - Ducks Unlimited.

Diet composition and changes in body components of American Coots wintering in southwestern Arkansas. Christopher Yee, M.S. Degree.

Micro-nutrient supplementation and patterns of supplemental feed use in white-tailed deer. Marc Bartoskewitz, M.S. degree. Current Employer – Private Ranch.

Dispersal and survival of yearling white-tailed deer bucks in southern Texas. Evan McCoy, M.S. degree. Current Employer - Texas Parks and Wildlife.

Spatial relationships of female and male black bear habitat use based on reproductive status. Charity Bartoskewitz, M.S. degree. Current Employer – Self employed.

Nutritional ecology of northern pintails wintering in the Laguna Madre of Texas. Bart Ballard, Ph.D. degree. Current Employer - Texas A&M University - Kingsville.

Black Bear Ecology and Conservation on Private Lands in Coahuila, Mexico. Diana Doan-Crider, Ph.D. degree. Current Employer - Texas A&M University.

Intake regulation and digestive efficiency of South Texas herbivores consuming 3 species of mast. Jennifer Elston, Ph.D. degree. 2003. Current Employer - Fort Worth Zoo.

The role of food intake on estrous cyclicity and reproductive potential in white-tailed deer. Erin Monaco, M.S. degree. Current Employer - Veterinarian.

Landscape effects on foraging and production of white-winged doves. Karen Bautch, M.S. degree. Current Employer - Texas Parks and Wildlife.

Movements and use of free water by mature white-tailed deer bucks. Stephen Webb, M.S. degree. 2005. Current Employer – Samuel Roberts Noble Foundation.

Bioenergetics and foraging of white-winged dove in the Lower Rio Grande Valley of southern Texas. Kenneth D. Pruitt, Ph.D. degree. 2005. Current Employer - University of Texas-Brownsville.

The impact of overwinter nutrition on Rio Grande wild turkey productivity in South Texas. Megan Dominguez, M.S. degree. Current Employer - Texas Agrilife Extension.

The efficacy of electric fencing and population estimation techniques for feral pigs. Matt Reidy, M.S. degree. 2007. Current Employer - Texas Parks and Wildlife.

Deer density and supplemental feed effects on white-tailed deer nutrition in South Texas. Garrett Timmons, M.S. degree. 2007. Current Employer - Natural Resource Conservation Service.

Factors affecting white-winged dove nesting colonies in northeastern Mexico and southern Texas. Yara Sanchez, M.S. Degree (Co-advise with Fidel Hernandez)

The wild turkey in Texas: impact of overwinter nutrition on reproduction and educating landowners through management workshops. Megan Dominguez, Ph.D. degree. 2009. Current Employer - Texas Agrilife Extension.

Nutrition and physiology of white-tailed deer consuming whole cottonseed. Sarah Bullock, M.S. Degree. 2009. Current Employer - US Forest Service.

Effects of supplemental feed on white-tailed deer foraging patterns. Ryan Darr, M.S. Degree. 2009. Current Employer – New Mexico Department of Game and Fish.

Movements of nilgai antelope (*Boselaphus tragocamelus*) in southern Texas. Jonathan Moczygemba, M.S. Degree. 2010. Current Employer – US Fish and Wildlife Service.

Effects of supplemental feeding and deer density on white-tailed deer diet selection and antler growth. Kent M. Williamson, M.S. degree (co-advised with Tim Fulbright). 2010. Current Employer – Texas Parks and Wildlife Department.

Survival of white-tailed deer fawns overwinter in South Texas. Kris VanBogelen, M.S. degree. 2010. Current Employer – Miracle Camp in Michigan.

Factors influencing antler size in free-ranging white-tailed deer and mark/recapture estimates of demographic traits. John Lewis, Ph.D. degree. 2010. Current Employer – Lipscomb University.

Aggressive behavior at supplemental feed sites and the effects of population density and supplemental feeding on annual survival and rate of population change in white-tailed deer. Robin Donohue, M.S. degree. 2010. Current Employer – US Fish and Wildlife Service.

Effects of diet selection on captive white-tailed deer fawn development. Donald Kahl, M.S. degree. 2011. Current Employer – Texas Parks and Wildlife Department.

A sightability model for aerial surveys of mule deer. Cody Zabransky, M.S. degree (co-advised with Randy DeYoung). 2011. Current Employer – Private ranch.

Effects of supplemental feed on white-tailed deer foraging choices and activity. Luke Garver, M.S. degree. 2011. Current Employer – Natural Resources Conservation Service.

Breeding behavior and secondary sex characteristics of male white-tailed deer in southern Texas. Aaron Foley, Ph.D. (co-advised with Randy DeYoung). 2011. Current Employer – US Geological Survey.

Influence of population density on white-tailed deer foraging dynamics in a semiarid environment. Justin Folks, M.S. degree (co-advised with Tim Fulbright). 2012. Current Employer – US Department of Agriculture.

Effects of population density on white-tailed deer diet quality and supplemental feed use. Kory Gann, M.S. degree (co-advised with Tim Fulbright). 2012. Current Employer – Doctoral candidate, TAMUK.

Influence of white-tailed deer on cattle fever tick eradication efforts in southern Texas. Chase Currie, Ph.D. degree. 2013. Current Employer – San Pedro Ranch.

Patterns of supplemental feed use and antler growth in white-tailed deer. Dawson Lilly, M.S. degree (co-advise with Tim Fulbright). 2013. Current Employer – MT-7 Ranch.

White-tailed deer population dynamics as influenced by deer density and nutrition in southern Texas. Nathan Cook, Ph.D. degree (co-advise with Charlie DeYoung). 2014. Current Employer – U. S. Navy.

Management of white-tailed deer in the cattle fever tick permanent quarantine area of Zapata County. Hank Birdsall, M.S. degree. May 2015. Current Employer – Wildlife Biologist, Westchester County Department of Parks, Recreation, and Conservation.

Effect of deer and supplemental feeder density on white-tailed deer population dynamics and fawning season home ranges in southern Texas. John Clark, M.S. degree. Aug 2015. Current Employer – Texas Parks and Wildlife Department.

Using Mark-Recapture Distance Sampling in Aerial Surveys of Large Mammals in South Texas. Graduate Student: Mary Annala, M.S. degree. Dec 2015. Current Employer - Wisconsin Division of Natural Resources.

Effects of Supplemental Feed and Deer Density on Activity Patterns of White-tailed Deer. Blaise Korzekwa (co-advise with Tim Fulbright), M.S. degree. Dec 2015. Current Employer – Texas Parks and Wildlife Department.

CURRENT GRADUATE STUDENT RESEARCH PROJECTS

White-tailed deer foraging and population dynamics on the East Wildlife Foundation properties. Graduate Student: Kory Gann, PhD candidate.

Behavioral interactions and supplemental feed use of white-tailed deer. Graduate Student: Emily Belser, PhD candidate.

Effects of heat on white-tailed deer productive processes. Graduate Student: Nicole Alonso, M.S. candidate

Insights into deer ecology and management in South Texas: Analysis of King Ranch harvest data. Graduate Student: Oscar Cortez, M.S. candidate

Development of a pelleted feed using natural browse fiber sources. Graduate Student: Jessica Glasscock, PhD candidate.

White-tailed deer population parameters and stress status on east foundation properties. Graduate Student: Michaela Rice, MS candidate (co-advise Randy DeYoung)

Feral pig behavioral response to wild turkey nests. Graduate Student: Heather Sanders, MS candidate (co-advise with Nathan Snow).

Effects of agriculture on mule deer movements and survival in the Texas Panhandle. Graduate Student: Laura Warner, MS candidate.

PRESENTATIONS AT PROFESSIONAL MEETINGS

39th Annual Meeting of the Southeast Deer Study Group. 2016. Concord, NC. Co-author on 8 presentations.

51st Annual Meeting of the Texas Chapter of the Wildlife Society. 2016. San Antonio, TX. Co-author on 10 oral presentations and 8 poster presentations.

22nd Annual Conference of The Wildlife Society. 2015. Winnipeg, Manitoba. Co-author on one oral presentation, Environmental variability on semi-arid rangelands: implications for recruitment, age structure, and harvest of white-tailed deer.

International Union of Game Biologists. 2015. Puebla, MX. Presented paper, Effects of supplemental feed on white-tailed deer morphology and demography. Co-author on an oral presentation, Environmental variability on semi-arid rangelands: implications for recruitment, age structure, and harvest of white-tailed deer.

Vth International Wildlife Management Congress. 2015. Sapporo, Japan. Presented paper, Breeding strategies of male white-tailed deer: the role of fat reserves. Co-author on 2 oral presentations, Improving aerial surveys for large mammals: a double observer approach to distance sampling; Effects of selective harvest on phenotypic traits in white-tailed deer; and co-author on 1 poster presentation, Evaluation of selective harvest on phenotypic and genotypic traits in white-tailed deer.

38th Annual Meeting of the Southeast Deer Study Group. 2015. Little Rock, AR. Co-author on 8 oral presentations and 2 poster presentations.

51st Annual Meeting of the Texas Chapter of the Wildlife Society. 2015. Corpus Christi, TX. Co-author on 10 oral presentations and 7 poster presentations.

69th Annual Meeting of the Subtropical Agriculture and Environments Society. 2015. Weslaco, TX. Invited presentation: Interaction of wildlife with cattle fever ticks in South Texas.

21st Annual Conference of The Wildlife Society. 2014. Pittsburgh, PA. Presented paper, Effects of improved nutrition on white-tailed deer morphology and demography. Co-author on 2 oral presentations.

V Congreso Internacional de Manejo de Pastizales. 2014. Nuevo Vallarta, Nayarit, MX.

- Presented paper, Management of white-tailed deer nutrition during drought.
- 8th International Deer Biology Congress. 2014. Harbin, China. Presented paper, Effects of improved nutrition on white-tailed deer morphology and demography.
- 37th Annual Meeting of the Southeast Deer Study Group. 2014. Athens, GA. Co-author on 2 oral presentations and 4 poster presentations.
- 50th Annual Meeting of the Texas Chapter of the Wildlife Society. 2014. Austin, TX. Co-author on 8 oral presentations and 8 poster presentations.
- 20th Annual Conference of The Wildlife Society. 2013. Milwaukee, WI. Co-author on presentation, do feeding and high white-tailed deer densities cause vegetation change in semiarid shrubland? Co-author on poster, Population estimates of urban white-tailed deer in southern Texas. Co-author on poster, Effects of nutrition and deer density on fawn recruitment in semi-arid rangelands. Co-author on poster, White-tailed deer population density and supplemental feed effects on plant standing crop and nutritional value in a semiarid environment.
- 36th Annual Meeting of the Southeast Deer Study Group. 2013. Greenville, SC. Presented paper, White-tailed deer breeding strategies: The role of fat reserves. Co-author on 6 additional oral and 4 posters presentations.
- 49th Annual Meeting of the Texas Chapter of the Wildlife Society. 2013. Houston, TX. Co-author on 7 oral and 8 poster presentations. **3rd place award in graduate student oral presentation competition.**
- 19th Annual Conference of The Wildlife Society. 2012. Portland, OR. Co-author on oral presentation, Male white-tailed deer mate search behavior: chaotic or strategic? Co-author on poster, Influence of white-tailed deer density and nutritional supplementation on cover of palatable and unpalatable vegetation. Co-author on poster, Response of two preferred browse species to increasing white-tailed deer density and nutritional enhancement.
- Southeastern Association of Fish and Wildlife Agencies. 2012. Hot Springs, AR. Co-author on oral presentation, Does supplemental feeding of deer degrade vegetation? A literature review.
- 2nd Reunion Internacional Conjunta de Manejo de Pastizales y Produccion Animal. 2012. Zacatecas, Mexico. Presented invited paper, Advances in Deer Management: Managing Nutrition.
- IV International Wildlife Management Congress. 2012. Durban, South Africa. Presented invited paper, Conservation on Private Lands: The Texas Example. Co-author on oral presentation, Making sense of the madness: Buck movements during the rut. Co-author on oral presentation, White-tailed deer density and vegetation dynamics: Evidence of a

browsing lawn effect in Tamaulipan Shrubland?

Environmental and Energy Sustainability Conference. 2012. Houston, TX. Presented invited paper, GPS and video technology in white-tailed deer research.

35th Annual Meeting of the Southeast Deer Study Group. 2012. Sandestin, FL. Presented paper, Camera collars for collecting interaction data from deer. Co-author on 7 additional oral and 3 posters presentations.

48th Annual Meeting of the Texas Chapter of the Wildlife Society. 2012. Fort Worth, TX. Co-author on 8 oral and 12 poster presentations.

Texas Society for Range Management. 2011. San Angelo, TX. Co-author on poster, Annual Habitat Use Versus Habitat Availability of White-tailed Deer in Southern Texas. **1st place award in student competition.**

55th Annual Meeting – Livestock Insect Workers Conference. 2011. St. Louis, MO. Co-author on oral presentation, Dessert Anyone: Proportion of White-tailed Deer Using Medicated Bait Sites in Southern Texas.

18th Annual Conference of The Wildlife Society. 2011. Waikoloa, HI. Co-author on poster, Role of thermal environment in resource selection by white-tailed deer during summer. Co-author on poster, Proportion of white-tailed deer using medicated bait sites in southern Texas. Co-author on poster of student research progress presented by Jennifer Korn.

9th Western States and Provinces Deer and Elk Workshop. 2011. Santa Ana Pueblo, NM. Co-author on presentation; A sightability model for aerial surveys of mule deer in western Texas.

34th Annual Meeting of the Southeast Deer Study Group. 2011. Oklahoma City, OK. Co-author on 2 oral and 3 poster presentations.

47th Annual Meeting of the Texas Chapter of the Wildlife Society. 2011. San Antonio, TX. Co-author on 9 oral and 5 poster presentations.

17th Annual Conference of The Wildlife Society. 2010. Snowbird, UT. Presented poster, Habitat enrichment effects on white-tailed deer foraging behavior in semi-arid rangelands. Co-author on oral presentation, Effects of supplemental feed and deer density on semi-arid habitats of South Texas. Co-author on poster, The relationship between weather and the productivity of sympatric hawks and caracaras in South Texas.

I Congreso Internacional de Manejo de Pastizales. 2010. Tuxtla Gutierrez, Chiapas, MX. Co-author on oral presentation, White-tailed deer utilization and management in northeast Mexico and South Texas.

- 7th International Deer Biology Congress. 2010. Huilo-Huilo, Chile. Presented oral presentation, Habitat enrichment effects on white-tailed deer foraging behavior in semi-arid rangelands. Co-author on oral presentation, Do resource enhancement and increasing white-tailed deer densities interact to degrade habitat?
- 33rd Annual Meeting of the Southeast Deer Study Group. 2010. San Antonio, TX. Co-author on 10 oral and 7 poster presentations. One poster received **2nd place in student competition** and another poster received **3rd place in student competition**.
- 46th Annual Meeting of the Texas Chapter of the Wildlife Society. 2010. Galveston, TX. Co-author on 12 oral and 5 poster presentations.
- 32nd Annual Meeting of the Southeast Deer Study Group. 2009. Roanoke, VA. Co-author on paper, Relationship between movements and body characteristics of male white-tailed deer. Co-author on paper, Assessing effects of supplemental feeding on selective foraging in white-tailed deer using stable isotopes (**Awarded 3rd place in student competition**).
- 44th Annual Meeting - Texas Chapter of the Wildlife Society. 2009. Lubbock, TX. Co-author on 11 oral and 7 poster presentations. One oral paper received **2nd place in graduate student competition** and one poster received **2nd place in graduate student poster competition**.
- International Workshop of the Intrusion of Bears into Residential Areas. 2008. Co-author on paper, Predicting American black bear conflict and movements based on food production in a semi-arid environment in Mexico.
- 15th Annual Meeting of The Wildlife Society. 2008. Miami, FL. Co-author on paper, Refinement of a camera census technique at three white-tailed deer densities. Co-author on paper, Landscape characteristics of winter Rio Grande wild turkeys in south Texas. Presented paper, Movements and habitat use of nilgai antelope in southern Texas. Co-author on paper, Assessing the effects of forage enhancement on white-tailed deer foraging selectivity. Co-author on paper White-tailed deer breeding system: Is it a male dominance hierarchy or a "scramble"? Co-author on paper, Evaluation of whole cottonseed as a supplemental feed for white-tailed deer. Co-author on poster, The effects of supplemental feeding of white-tailed deer on non-target species. Co-author on poster, Room for improvement: Tests of accuracy for two aging techniques for white-tailed deer in south Texas. Co-author on poster, Survival and movements of translocated white-tailed deer in south Texas. Co-author on poster, White-tailed deer habitat: effects of deer density and supplemental feeding.
- Annual Meeting of the Waterbird Society. 2008. South Padre Island, TX. Co-author on a paper, Diet composition and changes in body components of American coots wintering in southwestern Arkansas.
- 31st Annual Meeting of the Southeast Deer Study Group. 2008. Tunica, MS. Co-author on

- paper, Patterns of mating in female white-tailed deer: Does male age matter? **Second place presentation in Student Competition.** Co-author on paper, Gross B&C scores of offspring from a deer management permit program in south Texas. Co-author on paper, Movements and survival of translocated deer in south Texas. Co-author on paper, Refinement of a camera census technique at three white-tailed deer densities. **Third place presentation in Student Competition.** Co-author on paper, Effects of deer density and supplementation on vegetation.
- 43rd Annual Meeting - Texas Chapter of the Wildlife Society. 2008. San Antonio, TX. Co-author on 13 paper and 2 poster presentations. One oral paper received **3rd place in graduate student competition** and one poster received **1st place in graduate student poster competition.**
- 18th International Conference on Bear Research and Management. 2007. Monterrey, MX. Co-author on paper, The use of digestible energy as a currency to evaluate shifts in bear food production over a landscape.
- 5th European Mammalogy Congress. 2007. Sienna, Italy. Co-author on poster, Deer density and supplemental feed effects on deer foraging behavior and nutrition; Co-author on poster, Deer density and supplemental feed effects on vegetation in the Tamaulipan Biotic Province.
- 14th Annual Conference of The Wildlife Society. 2007. Tucson, AZ. Co-author on paper, Frequency and extent of multiple paternity in feral pigs: Implications for disease transmission.
- 30th Annual meeting of the Southeast Deer Study Group. 2007. Ocean City, MD. Co-author on paper, White-tailed deer habitat: effects of deer density and supplemental feeding. Co-author on paper, Supplemental feed and deer density effects on deer foraging. Co-author on paper, Evaluation of infrared trail camera surveys for estimating white-tailed deer populations at differing densities. Co-author on paper, Determining detection success and density of white-tailed deer using helicopter transects: A King Ranch example. Co-author on paper, Density dependence in deer populations: relevance for management in poor quality and variable habitats. Co-author on paper, Evaluation of the cementum annuli aging technique using South Texas white-tailed deer. Co-author on paper, Assessing the helicopter and net-gun as a capture technique for white-tailed deer. Co-author on paper, Habitat utilization patterns by white-tailed deer in South Texas.
- 42nd Annual Meeting - Texas Chapter of the Wildlife Society. 2007. Beaumont, TX. Co-author on 12 paper and 6 poster presentations.
- 13th Annual Conference of The Wildlife Society. 2006. Anchorage, AK. Presented invited presentation on Nutritional limitation of white-winged dove reproduction in an agricultural landscape. Co-author on presented paper, Yearling antler points as a predictor of mature white-tailed deer antler size. Co-author on paper, Impact of overwinter nutrition on Rio Grande wild turkey productivity in South Texas. Co-author

on poster, An evaluation of survey methods for determining abundance of northern bobwhite in southern Texas. Co-author on poster, Testing an age-specific reproduction hypothesis to explain irruptive behavior of northern bobwhite populations. Co-author on poster, Will electric fence inhibit feral pig movements? Co-author on poster, Serologic survey of economically important diseases of feral swine in Texas.

VI International Deer Biology Congress. 2006. Prague, Czech Republic. Presented paper, Variation in fawn production in a semi-arid environment: an energetics approach. Expert panel member representing North America in Deer Management Workshop.

29th Annual meeting of the Southeast Deer Study Group. 2006. Baton Rouge, LA. Co-author paper, Evaluation of the Severinghaus tooth wear aging technique using south Texas white-tailed deer. Co-author paper, Visitation and consumption at feeder sites by white-tailed deer at three densities. Co-author paper, Effects of deer density and supplemental feed on fawn growth in south Texas. Co-author paper, Potential selective harvest criteria for adult, male white-tailed deer in south Texas. Co-author paper, Can a selective buck harvest affect free-ranging white-tailed deer antler characteristics? Co-author paper, Estimating browse utilization at three deer densities with the stem count index.

41th Annual Meeting - Texas Chapter of the Wildlife Society. 2006. South Padre Island, TX. Co-author on 18 presented papers and 10 posters. **Co-author on the First Place undergraduate student poster** entitled ^{13}C and ^{15}N stable isotope fractionation in captive white-tailed deer.

Texas Section Society for Range Management. 2005. South Padre Island, TX. Presented paper, Effects of permanent water sources on male white-tailed deer movements and home ranges.

12th Annual Conference of The Wildlife Society. 2005. Madison, WI. Co-author on paper, An evaluation of survey methods for determining northern bobwhite abundance on south Texas rangelands. Co-author on poster, Factors influencing establishment and stability of white-winged dove nesting colonies in northeastern Mexico. Co-author on paper, Effects of diet composition on white-winged dove production. Co-author on paper, Nutrient model of breeding white-winged dove in south Texas.

Southwest Section of The Wildlife Society. 2005. Alpine, TX. Co-author on poster presentation, Density-dependent fawn growth in south Texas: Preliminary results.

6th Western States and Provinces Deer and Elk Workshop. 2005. Reno, NV. Co-author on paper, Private lands and ranching partnerships in south Texas.

40th Annual Meeting - Texas Chapter of the Wildlife Society. 2005. Amarillo, TX. Co-author on paper, Effects of diet composition on white-winged dove production. Co-author on paper, Home range fidelity and management of mature, male white-tailed deer in south Texas. Co-author on paper, Movements, habitats, interactions, and disease prevalence of feral swine in Texas. Co-author on poster, Mortality rate of Rio Grande Turkeys on the

- King Ranch. Co-author on poster, Survival and cause-specific mortality of mature, male white-tailed deer in south Texas. Co-author on poster, Water use by free-ranging wildlife in south Texas during summer.
- 28th Annual meeting of the Southeast Deer Study Group. 2005. Shepherdstown, WV. Co-author on paper, Home range fidelity and management of mature, male white-tailed deer in south Texas.
- 11th Annual Conference of The Wildlife Society. 2004. Calgary, Alberta. Presented paper, Understanding variation in white-tailed deer recruitment in southern Texas: an energetics approach. Coauthor on paper, Forage availability for nesting white-winged doves in the Lower Rio Grande Valley, Texas.
- Comparative Nutrition Society. 2004. Kellogg Biological Station, MI. Co-author on paper, Comparative digestion and instantaneous intake rates of South Texas wildlife. Co-author on paper, Nutritional effects on estrous cyclicity in white-tailed deer. Co-author on poster, The effect of pregnancy on forage intake in white-tailed deer.
- 27th Annual meeting of the Southeast Deer Study Group. 2004. Lexington, KY. Presented paper, Understanding variation in white-tailed deer recruitment in southern Texas: an energetics approach. Coauthor on paper, Can a selective buck harvest affect free-ranging white-tailed deer antler characteristics.
- 39th Annual Meeting - Texas Chapter of the Wildlife Society. 2004. Kerrville, TX. Co-author on paper, Forage availability for nesting white-winged doves in the Lower Rio Grande Valley, Co-author on paper, White-winged dove foraging in the Lower Rio Grande Valley, Co-author on paper, The role of food intake on estrous cyclicity and reproductive potential of white-tailed deer, Co-author on paper, Understanding variation in white-tailed deer recruitment in southern Texas: an energetics approach. Coauthor on paper, Can a selective buck harvest affect free-ranging white-tailed deer antler characteristics, Co-author on poster, Analysis of water quality at wildlife watering sources during the summer, Co-author on poster, The effect of pregnancy on forage intake in white-tailed deer.
- 10th Annual Conference of The Wildlife Society. 2003. Burlington, VT. Presented paper, Comparative study of mast consuming wildlife in southern Texas. Coauthor on paper, Effects of radio-transmitters on northern bobwhite energetics.
- 26th Annual meeting of the Southeast Deer Study Group. 2003. Chattanooga, TN. Presented paper, Antler growth of white-tailed deer in southern Texas. Coauthor on paper, Improving accuracy and precision of aging white-tailed deer in southern Texas.
- 38th Annual Meeting - Texas Chapter of the Wildlife Society. 2003. Waco, TX. Presented paper, Antler growth of white-tailed deer in south Texas. Coauthor on paper, Improving accuracy and precision of aging white-tailed deer in southern Texas. Coauthor on paper, Energetics model of breeding white-winged dove in south Texas. Coauthor on poster,

- Non-protein nitrogen in guajillo and its value to deer. Coauthor on poster, Do radio-transmitters affect the bioenergetics of northern bobwhite?
- 9th Annual Conference of The Wildlife Society. 2002. Bismarck, ND. Presented paper, Dispersal and mortality of yearling male white-tailed deer in southern Texas.
- 37th Annual Meeting - Texas Chapter of the Wildlife Society. 2002. Corpus Christi, TX. Coauthor on paper, Population dynamics of an un hunted high density black bear population in Coahuila, Mexico. Coauthor on paper, Digestive efficiency of collared peccaries and feral pigs. Presented paper, Modeling precipitation influences on trophy deer production in South Texas. Coauthor on paper, Habitat use and social interactions of female black bears with and without cubs. Coauthor on poster, Comparison of white-tailed deer population monitoring strategies.
- 8th Annual Conference of The Wildlife Society. 2001. Reno, NV. Coauthor on paper, Supplemental Feed Use by Free-ranging White-tailed Deer in South Texas. Co-author on paper, Effects of Micronutrient Supplementation on White-tailed Deer Antler Size, Body Weight, and Immune Function. Co-author on a paper, Identifying mechanisms prompting the current white-winged dove decline in the Lower Rio Grande Valley of Texas. Presented paper for a colleague, Potential influences on northern bobwhite reproductive effort in South Texas.
- 13th International Conference on Bear Research and Management. 2001. Jackson, WY. Co-author on paper, Population Dynamics in an Unhunted High Density Black Bear Population in Coahuila, Mexico. Co-author on a poster, Habitat Use by Female Black Bears with Cubs and Without Cubs in High Density Population in Coahuila, Mexico.
- 24th Annual Southeast Deer Study Group. 2001. St. Louis MO. Coauthor on paper, Supplemental Feed Use by Free-ranging White-tailed Deer in South Texas. Co-author on paper, Effects of Micronutrient Supplementation on White-tailed Deer Antler Size, Body Weight, and Immune Function.
- 36th Annual Meeting - Texas Chapter of the Wildlife Society. 2001. College Station, TX. Coauthor on paper, Supplemental Feed Use by Free-ranging White-tailed Deer in South Texas. Coauthor on poster, Do White-tailed Deer Develop Taste Preferences Based on Feed Habituation? Presented paper on Identifying Mechanisms Prompting the Current White-winged Dove Decline in the Lower Rio Grande Valley. Coauthor on paper, Dispersal and Mortality of Yearling White-tailed deer bucks in South Texas. Coauthor on paper, Black Bear Predation Upon Cattle in the Serranias Del Burro, Coahuila, Mexico. Co-author on paper, Effects of Micronutrient Supplementation on White-tailed Deer Antler Size, Body Weight, and Immune Function.
- 7th Annual Conference of The Wildlife Society. 2000. Nashville, TN. Coauthor on paper, Bobcat response to a highway expansion: are habitat fragmentation and vehicle-caused mortalities a consequence and can they be managed. Coauthor on paper, Modeled effects of selective-harvest strategies on subsequent antler development. Coauthor on 2 posters,

Nutritional carrying capacity of mechanically treated rangelands in northeastern Mexico. and Changes in phenolic amine concentration of guajillo after aeration: implications for white-tailed deer management in the Rio Grande Plains.

35th Annual Meeting - Texas Chapter of the Wildlife Society. 2000. San Angelo, TX. Coauthor on 1 paper, Effects of nest box placement on the incidence of conspecific brood parasitism in black-bellied whistling ducks.

Rio Bravo Association. 2000. Kingsville, TX. Coauthor on one paper. Borderland black bears: a shared resource.

Asociacion Mexicana de Mastozoologia, A.C. 2000. Merida, Yucatan, MX. Coauthor on 1 poster. Aplicacion del sistema de informacion geografica para determinar el uso de habitat y las interacciones sociales por el oso negro en Las Serranias del Burro, Coahuila.

6th Annual Conference of The Wildlife Society. 1999. Austin, TX. Coauthor on paper, Highway impacts on bobcat mortalities and movements in southern Texas. Coauthor on paper, A bridge over muddy waters: understanding black bear and private landowner coexistence in northern Mexico. Coauthor on paper, Status and management of mule deer in northern Mexico. Coauthor on 2 posters, Are white-winged doves exposed to organophosphorus pesticides through contaminated irrigation water? and White-winged dove aversion to methyl parathion in drinking water.

34th Annual Meeting - Texas Chapter of the Wildlife Society. Amarillo, TX. Presented 2 papers, Guajillo: starvation, maintenance, or productive diet for white-tailed deer? White-winged dove aversion to methyl parathion contaminated water. Co-author on 2 papers, Wildlife use of highway crossing structures. Vehicle-related mortalities along U.S. Highway 281 in southern Texas.

Ecology and Management of Ungulates: Integrating Across Spatial Scales. 1999. Coauthor on a paper: Browse as a forage for productive processes in white-tailed deer.

5th Annual Conference of The Wildlife Society. 1998. Buffalo, NY. Coauthor on paper, Influence of plant secondary compounds on white-tailed deer calcium balance and antler growth. Co-author on paper, Exposure to organophosphorus pesticides reduces hatching success of white-winged doves.

21st Annual Southeast Deer Study Group. 1998. Jekyll Island, GA. Coauthor on paper, Influence of plant secondary compounds on white-tailed deer antler growth and nutrition.

Joint Fur Resources Workshop. 1998. Coauthor on poster, Road-related mortalities along U.S. highway 281 in South Texas - preliminary results.

International Conference on Wildlife Ecology and Transportation. 1998. Coauthor of paper, Impacts of an expanded highway on ocelots and bobcats in southern Texas and their preference for highway crossings.

- 33rd Annual Meeting - Texas Chapter of the Wildlife Society. 1998. Coauthor on 3 papers, Effects of brush management on rodent abundance and diversity in western Nuevo Leon, Mexico; Influence of plant secondary compounds on white-tailed deer antler growth and nutrition; Effects of organophosphorus pesticides on productivity in captive white-winged doves.
- 4th Annual Conference of The Wildlife Society. 1997. Snowmass, CO. Presented paper, North American public attitudes toward predators, predation, and predator management. Co-author on paper, The effects of methyl parathion on productivity in white-winged doves (*Zenaida asiatica*).
- 3rd Annual Conference of The Wildlife Society. 1996. Portland, OR. Presented poster, Acetyl cholinesterase activity of white-winged doves exposed to methyl parathion.
- Comparative Nutrition Society. 1996. Washington D.C. Presented paper, Ruffed grouse consumption and detoxification of evergreen leaves.
- North American Wildlife and Natural Resources Conference. 1996. Oklahoma City, OK. Hosted a focus group meeting on ways to improve policy formation processes in wildlife damage management.
- Departmental Seminar, Utah State University. 1996. A plug for small scale ecological processes: bear food habits and ruffed grouse foraging.
- International Association of Fish and Wildlife Agencies. 1995. Presentation of Wildlife Damage Policy survey to the Wildlife Damage Subcommittee.
- 1st Annual Conference of The Wildlife Society. 1994. Albuquerque, NM. Presented paper, Activity times and foraging rates of ruffed grouse in southwest Virginia.
- Southeastern Association of Game and Fish Agencies. 1992. Corpus Christi, TX. Presented paper, Ruffed grouse food availability in southwestern Virginia.
- International Conference on Bear Research and Management. 1989. Presented paper, Correcting grizzly bear scat analysis to observed food habits.

RESEARCH GRANTS

- Funds to travel to the First Annual Wildlife Society Meeting to present a paper. David Hewitt. Travel Grant, The Wildlife Society. 1994. \$350.
- Stipend support for doctoral graduate studies. David Hewitt and Roy Kirkpatrick, Co-PI. Pratt Animal Nutrition Fellowship, Virginia Tech, 1990-93. \$43,000.

- Foraging and nutrition of ruffed grouse in the southern Appalachians. David Hewitt and Roy Kirkpatrick, Co-PI. Ruffed Grouse Society 1992-93. \$5000
- Foraging and nutrition of ruffed grouse in the southern Appalachians. David Hewitt and Roy Kirkpatrick, Co-PI. Pratt Animal Nutrition Fellowship Research Support, Virginia Tech, 1990. \$5000
- Review of western ruffed grouse literature and management techniques with management and research recommendations. David Hewitt, PI, and Terry Messmer, Co-PI. Utah Division of Wildlife Resources. 1996. \$2600.
- Sublethal effects of organophosphorus pesticides on reproductive behavior, physiology, and productivity of white-winged doves. David Hewitt, PI. Texas Parks and Wildlife Department. 1998-1999. \$47,971.
- A study of ocelot and bobcat populations in the US 281 Live Oak county project site and their preference for highway crossings. David Hewitt, PI, Michael Tewes, Co-PI. Texas Dept. Of Transportation. 1997-1999. \$236,000.
- Black bear conservation and ecology on private land in Northern Mexico. Fred Bryant, PI, David Hewitt, Co-PI, and Diana Doan-Crider, Co-PI. The Lyndhurst Foundation. 1996-1999. \$150,000.
- Management and conservation actions for the Mexican black bear in northern Mexico. Fred Bryant, PI, David Hewitt, Co-PI, and Diana Doan-Crider, Co-PI. Turner Foundation, Inc. 1998. \$20,000.
- Vegetation analysis of potential black bear habitat in northern Mexico. Timothy Fulbright, Co-PI, and David Hewitt, Co-PI. University of New Mexico. 1997-1998. \$8,274.
- Management and conservation actions for the Mexican black bear in northern Mexico. David Hewitt, Co-PI, and Diana Doan-Crider, Co-PI. M. C. Wray Charitable Lead Annuity Trust. 1998. \$2,500.
- Performance of male offspring from native and imported white-tailed deer. David Hewitt, PI, and Steven Lukefahr, Co-PI. Richard Beeler. 1997-2001. \$170,000 in direct costs and over \$200,000 in matching costs from the landowner.
- Effects of supplemental feeding on white-tailed deer antler size, body weight, and reproduction, and patterns of supplemental feed use in free-ranging deer. David Hewitt and Fred Bryant. Moorman's Feed. 1998-2000. \$26,600.
- Effects of supplemental feeding on white-tailed deer antler size, body weight, and reproduction, and patterns of supplemental feed use in free-ranging deer. David Hewitt and Fred Bryant. San Jose Cattle Company, Calcasieu Lumber Co., and Hilliard Brothers. 1998-2000. \$7,500.
- Use of barrier fencing adjacent to highway crossing structures to decrease roadkill mortality in Live Oak County. David Hewitt and Michael Tewes, Co-PI. Texas Parks and Wildlife

- Department. 1998-1999. \$5001.
- Metabolic processes associated with guajillo consumption in white-tailed deer. David Hewitt. Houston Livestock Show and Rodeo. 1998. \$1667.
- White-tailed deer research in south Texas. Fred C. Bryant and David G. Hewitt. GNI Group. 1998-1999. \$4,000 and \$20,000.
- White-tailed deer research on the Callaghan Ranch. David G. Hewitt and Fred C. Bryant. GNI Group. 1998-1999. \$16,000.
- Effects of age and precipitation on white-tailed deer antler growth and refining aging techniques for white-tailed deer. Mickey W. Hellickson, Fred C. Bryant, and David G. Hewitt. \$14,562 annually 1998-2003.
- Ecology of feral hogs and other mast consumers in southern rangelands. David Hewitt and Tim Ginnett, Co-PI. Houston Livestock Show and Rodeo. 1999-2001. \$5,666.
- Black bear ecology and conservation on private lands. David G. Hewitt, Diana Doan-Crider, Fred C. Bryant, and Timothy E. Fulbright. Mrs. Daphne Vaughan. 1999-2001. \$40,000
- White-tailed deer research in south Texas. Fred C. Bryant and David G. Hewitt. GNI Group. 1999-2001. \$48,000.
- Ecology and Conservation of Black Bears in Northern Mexico. David G. Hewitt, Diana Doan-Crider, Fred C. Bryant, and Timothy E. Fulbright. Lyndhurst Foundation. 1999-2002. \$20,000.
- A research aviary: Furthering native bird conservation and research in South Texas. William Kuvlesky, Fidel Hernandez, David Hewitt, Bart Ballard, Scott Henke, Alan Fedynich, and Fred Bryant. The Houston Endowment. 2000-2002. \$56,100.
- Foraging behavior of white-winged doves in the Lower Rio Grande Valley. David Hewitt, Tim Ginnett, and Nova Silvy. Texas Parks and Wildlife Department. 2001-2004. \$341,817
- A living laboratory: Landowner and student education of semiarid land management. Fidel Hernandez, Scott Henke, Bill Kuvlesky, and David Hewitt. International Arid Lands Consortium. 2000-2003. \$75,000.
- Black bear ecology and conservation on private lands. David G. Hewitt, Diana Doan-Crider, Timothy E. Fulbright, and Fred C. Bryant. Mrs. Daphne Vaughan. 2001-2002. \$24,860.
- Ecology and Conservation of Black Bears in Northern Mexico. David G. Hewitt, Diana Doan-Crider, Timothy E. Fulbright, and Fred C. Bryant. Alvin and Lucy Owsley Foundation. 2001-2002. \$5,000.
- Effects of Radio-Transmitters on Northern Bobwhite Energetics. Fidel Hernandez and David G. Hewitt. Texas Parks and Wildlife. 2001-2002. \$7,370.
- Equipment grant - data loggers to monitor radio-tagged animals. David G. Hewitt. Dino

- Chouest. 2003. \$15,000.
- Home range establishment, mortality, antler growth, and use of free water by mature male white-tailed deer in southern Texas. David G. Hewitt and Fred C. Bryant. McClean Foundation 2002-2004. \$5,000.
- The impact of overwinter nutrition on Rio Grande wild turkey productivity in south Texas. William P. Kuvlesky, David G. Hewitt, Mickey Hellickson, Stephen J. DeMaso, and John D. Burk. Texas Parks and Wildlife Department. 2003-2006. \$278,296 + \$17,000.
- The impact of overwinter nutrition on Rio Grande wild turkey productivity in south Texas. David G. Hewitt, William P. Kuvlesky, Mickey Hellickson, Stephen J. DeMaso, and John D. Burk. National Wild Turkey Federation. 2004. \$25,000 (funded).
- The role of nilgai and white-tailed deer in spreading ticks and tick borne disease between Mexico and the United States. Jose Ortega-Santos and David Hewitt. USDA-Kerrville Experiment Station. \$59,280 (funded)
- Deer research on the Comanche and Faith Ranches. Charles DeYoung, Tim Fulbright, and David Hewitt. The Friedkin Companies, Inc. and the Wesley West Foundation. 2004-2008. \$920,000 (funded)
- Indigo racer research. David Hewitt. SK foundation, William Cato. \$500
- Documenting white-winged dove nesting colonies in southern Texas and northeastern Mexico. David Hewitt, Fidel Hernandez, Eric Redeker, Renato Filizola, Hector Zamora, Jay Roberson. Texas Parks and Wildlife. 2003-2007. \$82,964 (funded)
- Epidemiology and associated risk factors to the presence of TB, brucella, leptospiroza, and ticks in nilgai, feral hog, and coyote in south Texas. Jose Ortega-Santos, Scott Henke, and David Hewitt. National Science Foundation. \$356,441 (not funded)
- Home range establishment, mortality, antler growth, and use of free water by mature male white-tailed deer. David Hewitt. Harvey Weil Trust. \$25,000 (not funded)
- Use of stable isotopes in white-tailed deer nutritional ecology. David Hewitt. Rob and Bessie Welder Wildlife Foundation. \$30,000 (not funded)
- Effects of age and precipitation on white-tailed deer antler growth and refining aging techniques for white-tailed deer. Mickey W. Hellickson, Fred C. Bryant, and David G. Hewitt. Private funding from landowners in South Texas. 2004-2007. \$125,551 (funded).
- Survival of male wild turkeys in a highly variable environment. William Kuvlesky, David Hewitt, Mickey Hellickson, and Stephen DeMaso. 2004. National Wild Turkey Federation. \$10,800 (funded)
- Assess the impacts of international lake level management by using an interdisciplinary approach: nutritional quality of aquatic vegetation for muskrats in Voyageurs National Park. David G. Hewitt and Steve K. Windels. 2004-2005. National Park Service. \$10,575 (funded)

Preserving knowledge of historic and existing white-winged dove habitat. Fidel Hernández, David G. Hewitt, Yara Sanchez, Jay Roberson, T. Wayne Schwertner, Jaime Salazar and Renato Filizola. United States Fish and Wildlife Service. \$35,120 (not funded)

Influence of landscape attributes on nest-site selection and productivity of Rio Grande wild turkey. Fidel Hernandez, David Hewitt, William Kuvlesky, and Eric Redeker. Texas Parks and Wildlife Department. \$75,512 (not funded)

Influence of landscape attributes on nest-site selection and productivity of Rio Grande wild turkey. Fidel Hernandez, David Hewitt, William Kuvlesky, and Eric Redeker. National Wild Turkey Federation. \$13,300 (funded, but declined because other necessary funds not received)

Evaluation of electric fencing to restrict feral swine movements. David Hewitt and Tyler Campbell. USDA, APHIS, Wildlife Services. 2005-2007. \$73,000 (funded)

Genetic approach for the management of an exotic invasive species, the feral pig. Randy DeYoung and David Hewitt. University Research Council. 2005. \$10,000 (funded)

Intern at the TAMUK Captive Animal Facility. David Hewitt. ExxonMobil Corporation. 2005. \$2,000 (funded).

Using genetic techniques to investigate breeding success of white-tailed deer bucks. Randy DeYoung, David Hewitt, Rodney Honeycutt, and Mitch Lockwood. Texas Parks and Wildlife Department. 2005-2007. \$56,070 (not funded)

A landscape-genetic approach for quantifying dispersal patterns and effective number of breeders in wild turkey. Randy DeYoung, William Kuvlesky, David Hewitt, Eric Redeker, Mickey Hellickson, Stephen Demaso, and T. Wayne Schwertner. Texas Parks and Wildlife Department. 2005-2009. \$163,417 (not funded)

Intern on the Comanche-Faith Deer Research Project. David Hewitt. ExxonMobil Corporation. 2006. \$2,000 (funded).

Factors affecting white-tailed deer breeding success and movements. Quality Deer Management Association. 2007. \$23,500 (funded)

Developing innovative methods for the efficient control of feral pig damage. Randy DeYoung, Tyler Campbell, David Hewitt, Barry Dunn, and Scott Henke. Texas Department of Agriculture. 2006-2007. \$342,170 (not funded)

Effects of Prolonged Cottonseed Consumption on White-tailed Deer. David Hewitt, Randy Stanko, Don Draeger, and Jimmy Rutledge. Comanche Ranch. 2006-2008. \$56,927 (funded)

Developing an aging criteria for hatch-year white-winged doves. 2007-2008. Alan Fedynich and David Hewitt. Texas Parks and Wildlife Department. \$9,966 (funded)

A landscape genetic approach for quantifying dispersal patterns and effective number of breeders in wild turkeys 2006-2010. Randy DeYoung, Bill Kuvlesky, David Hewitt, Eric Redeker,

- Mickey Hellickson, Stephen DeMaso, and T. Wayne Schwertner. Texas Parks and Wildlife Department. \$165,000 (funded).
- Factors affecting breeding success of white-tailed deer bucks. 2006-2010. Randy DeYoung, David Hewitt, Mickey Hellickson, Kenneth Gee, and Mitch Lockwood. Texas Parks and Wildlife Department. \$165,994 (funded).
- Movements and home range size of nilgai in South Texas. 2006-2007. David Hewitt, Mickey Hellickson, Tyler Campbell, and Alfonso Ortega. Leasees on the Norias Division of King Ranch. \$54,000 (funded).
- Support for the CKWRI Deer Research Program. 2006-2009. Stedman West Foundation. \$60,000 (funded).
- Determination of a sightability model for aerial mule deer surveys. 2007-2010. David Hewitt, Randy DeYoung, Charles DeYoung, and Calvin Richardson. Texas Parks and Wildlife Department \$288,262 (funded).
- Seasonal protein requirements and protein induced ammonia toxicity in white-tailed deer. Kim McCuiston and David Hewitt. University Research Council. \$31,105. 2007-2008. (Not funded)
- Intern at the TAMUK Captive Animal Facility. David Hewitt. ExxonMobil Corporation. 2007. \$2,000 (funded)
- Wild turkey landowner educational workshops. T. Wayne Schwertner, David Hewitt, Megan Dominguez, and Selma Glasscock. Texas Parks and Wildlife Department. 2007-2008. \$39,560 (not funded).
- Cattle fever tick eradication program land use survey. David Hewitt, Alfonso Ortega, Randy DeYoung, and Fred Bryant. USDA/APHIS/Wildlife Services/NWRC. 2007. \$24,688 (funded).
- Fever ticks and diseases from nilgai antelope and other exotic ungulate wildlife. Alfonso Ortega, David Hewitt, Randy DeYoung, and Fred Bryant. USDA/APHIS/Wildlife Services/NWRC. 2007. \$15,000 (funded).
- Wild turkey landowner workshops. David Hewitt and Megan Dominguez-Brazil. National Wild Turkey Foundation, Inc. 2007-2008. \$3,000 (funded).
- Developing an aging criteria for hatch-year white-winged doves. Alan Fedynich and David Hewitt. Rotary Club of Corpus Christi Harvey Weil Sportsman Conservation Foundation. 2008. \$5,000 (funded).
- Evaluation of oral baits for vaccine delivery using captive white-tailed deer. David Hewitt. USDA/APHIS/Wildlife Services/NWRC. 2008. \$7,009 (\$4,070 + \$2,939; funded).
- Fawn mortality and deer survival. David Hewitt and Mickey Hellickson. International Bank of Commerce. 2008-2010. \$122,366 (funded).

- Exxon Mobil Foundation Intern for Effects of Wildfire on White-tailed Deer. David Hewitt. ExxonMobil Corporation. 2008. \$2,200 (funded)
- Deer research on the Comanche and Faith Ranches. Charles DeYoung, Tim Fulbright, and David Hewitt. The Friedkin Companies, Inc. and the Wesley West Foundation. 2008-2013. \$1,500,000 (funded)
- Internship with Wildlife Service Deputy Director. David Hewitt. USDA/APHIS/Wildlife Services/NWRC. 2008. \$14,013 (funded).
- Cattle fever tick land use survey. David Hewitt, Alfonso Ortega, Randy DeYoung, and Fred Bryant. USDA/APHIS/Wildlife Services/NWRC. 2008. \$24,032 (funded).
- Exxon Mobil Foundation Intern for Alkek Captive Ungulate Facility. David Hewitt. ExxonMobil Corporation. 2009. \$2,500 (funded)
- Fever Ticks and Tick Borne Diseases. Alfonso Ortega, Randy DeYoung, David Hewitt, and Fred Bryant. USDA/APHIS/WS. 2009. \$41,250 (funded)
- Integration of Ecologically-Based Approaches to Re-Eradicate Cattle Fever Ticks from the U.S. Greta Schuster, David Hewitt, Alfonso Ortega, Tyler Campbell. USDA-CSREES. 2010-2011. \$250,000 (funded).
- A Prospectus to Establish Long-term Monitoring of White-tailed Deer and Other Large Mammals and Birds on the East Wildlife Foundation Lands in South Texas. David Hewitt. East Wildlife Foundation. 2010. \$39,030 (funded)
- Influence of agriculture on mule deer in the Texas Panhandle. David Hewitt, Randy DeYoung, and Tim Fulbright. Texas Parks and Wildlife Department. 2011. \$596,540 (not funded).
- Exxon Mobil Foundation Intern for Alkek Captive Ungulate Facility. David Hewitt. ExxonMobil Corporation. 2011. \$2,500 (funded).
- Support for the CKWRI Deer Research Program. David Hewitt. Stedman West Foundation. 2011. \$15,000 (funded).
- Management of the white-tailed deer population within the cattle fever tick permanent quarantine area of Zapata County. David Hewitt and Greta Schuster. USDA/APHIS/Vet Services. 2011. \$50,367 (funded).
- Assessment of stable isotope ratios in white-tailed deer and cattle-deer interactions on the East Wildlife Foundation properties. David Hewitt, Charles DeYoung, Randy DeYoung, Alfonso Ortega, and Tim Fulbright. East Wildlife Foundation. 2011. \$128,000 (funded).
- Movement, population size, and survival of white-tailed deer in Fair Oaks Ranch. Charles DeYoung, Randy DeYoung, and David Hewitt. Fair Oaks Ranch. 2012-2014. \$88,051

(funded).

Alkek Captive Ungulate Facility. David Hewitt and Fred Bryant. Albert and Margaret Alkek Foundation. 2011. \$250,000 (funded).

Equipment award, portable ultrasound. David Hewitt and Kory Gann. TAMUK, Title V Promoting Postbaccalaureate Opportunities for Hispanic Americans Program. 2012. \$19,000 (funded).

Assessment of stable isotope ratios and population parameters in white-tailed deer on the East Wildlife Foundation properties. David G. Hewitt, Kory Gann, Tim E. Fulbright, Alfonso Ortega-S., Thomas Boutton, and Randy DeYoung. East Wildlife Foundation. 2012-2015. \$237,779 (funded).

Analysis of diet overlap among cattle, deer, and nilgai using stable isotope analysis. Tim E. Fulbright, Alfonso Ortega-S., David G. Hewitt, and Thomas Boutton. East Wildlife Foundation. 2012-2015. \$341,255 (funded).

Capacity building for sustainable wildlife management on private lands in Mexico. Sandra Rideout-Hanzak, Alfonso Ortega-S, Randall W. DeYoung, David G. Hewitt, April A.T. Conkey, Fred C. Bryant, and Jorge Villarreal. USFWS, Wildlife Without Borders – Mexico. 2013. \$25,000 (funded)

Management of the white-tailed deer population within the cattle fever tick permanent quarantine area of Zapata County. David Hewitt and Greta Schuster. USDA/APHIS/Vet Services. 2013. \$49,650 (funded).

Exxon Mobil Foundation Intern for Alkek Captive Ungulate Facility. David Hewitt. ExxonMobil Corporation. 2013. \$2,500 (funded).

Support for the CKWRI Deer Research Program. David Hewitt. Stedman West Foundation. 2013. \$17,000 (funded).

Development of Aerial Surveys for Large Mammals on the East Wildlife Foundation Properties. David Hewitt, Randy DeYoung, Charles DeYoung, and Eric Redeker. 2013-2016. \$437,411 (funded).

Deer Research on Comanche and Faith Ranches – Phase II. Comanche Maverick Ranch Investments, L.P., Stedman West Foundation, and Faith Ranch, L.P. Charles DeYoung, Tim Fulbright, and David Hewitt. 2013-2018. \$2,290,000 (funded).

Evaluating survey techniques and sightability for pronghorn in Texas. Texas Parks and Wildlife Department. Randy DeYoung, Tim Fulbright, and David Hewitt. 2013-2015. \$346,120 (funded).

Evaluation of the efficacy of nalbuphine-medetomidne or nalbuphine-azaperone-medetomidne

- for immobilization of white-tailed deer (*Odocoileus virginianus*) and antagonism with naltrexone and atipamezole. Clayton Hilton and David Hewitt. Wildlife Pharmaceuticals, Inc. 2014-2015. \$5,500 (funded).
- Thermal effects on white-tailed deer. David Hewitt and Clayton Hilton. TAMUK University Research Award. 2014-2015. \$14,949 (funded).
- Survey and monitoring of game species on US Navy Escondido Ranch. Randy DeYoung and David Hewitt. US Navy. 2014-2015. \$21,199 (funded).
- Toxicants and delivery strategies for feral swine. David Hewitt. USDA-APHIS-Wildlife Services-National Wildlife Research Center. 2014-2015. \$86,000 (funded).
- Influence of agriculture on mule deer in the Texas panhandle. David Hewitt, Randy DeYoung, Tim Fulbright, and Louis Harveson. Texas Parks and Wildlife Department. 2015-2019. \$420,262 (funded).
- Influence of agricultural production on pronghorn in the Texas Panhandle. Tim Fulbright, Randy DeYoung, David Hewitt, Humberto Perotto, and Fred Bryant. Texas Parks and Wildlife Department. 2015-2018. \$602,773 (not funded).
- DNA technologies to guide management for chronic wasting disease. Randy DeYoung, David Hewitt, Tim Fulbright, Humberto Perotto-Baldiviseo, and Louis Harveson. Texas Parks and Wildlife Department. 2015-2018. \$174,885 (funded).
- Support for Alkek Captive Ungulate Facility. David Hewitt. Albert and Margaret Alkek Foundation. 2015-2018. \$100,000 (funded).
- White-tailed deer preference for corn with 2 additives to improve palatability. David Hewitt. Manna Pro. 2015. \$5,529 (funded).
- Development of toxicants and delivery strategies for feral swine. David Hewitt. USDA-APHIS-Wildlife Services-National Wildlife Research Center. 2015-2016. \$106,000 (funded).
- Isolation and culture of chondrocytes from deer antlers. David Hewitt and Yi Li. Star Animal Health, Inc. 2015. \$11,875 (funded).
- White-tailed deer population parameters and stress status on East Foundation properties. David Hewitt, Randy DeYoung, Alfonso Ortega, Tim Fulbright, and Michael Sheriff. 2015-2017. \$190,000 (funded).
- Impact of feral swine on the fate of artificial wild turkey nests. David Hewitt, Allan Rasmussen, and Nathan Snow. USDA-APHIS-Wildlife Services-National Wildlife Research Center. 2015-2016. \$246,050 (funded).

PROFESSIONAL AWARDS

Fellow of The Wildlife Society. 2015.

Outstanding Publication, Edited Book Category. The Wildlife Society. 2013. *Biology and Management of White-tailed Deer*.

Outstanding Book. Texas Chapter of The Wildlife Society. 2012. *Biology and Management of White-tailed Deer*.

Outstanding Book. Texas Chapter of The Wildlife Society. 2011. Co-recipient with Timothy Fulbright; *Wildlife Science: Linking Ecological Theory and Management Applications*.

Educator of the Year. Texas Chapter of The Wildlife Society. 2010.

Outstanding Electronic Publication. Texas Chapter of The Wildlife Society. 2010. *Deer Associates ENews*.

Javelina Alumni Award for Research Excellence. Texas A&M University-Kingsville. 2004.

Presidential Award for Excellence in Research and Scholarship. College of Agriculture and Human Sciences, Texas A&M University-Kingsville. 2004.

Outstanding Young Alumnus from the College of Natural Resources at Virginia Polytechnic Institute and State University. 1999-2000.

PROFESSIONAL GROWTH ACTIVITIES

The Wildlife Society

Member, 1984-present

Associate Editor. *Journal of Wildlife Management*. 1997-1998

National nominations committee, member. 1996-1997

Publications committee, chair. 2000-2001

Reviewed abstracts for 2007 annual meeting

Aldo Leopold Award committee, member. 2011-2012

Honorary Membership and Special Recognition Awards Committee, chair. 2013-2014.

The Wildlife Society Fellow. 2015-Present.

Texas Chapter of The Wildlife Society

Member 1996-present
Resolutions committee, member. 2000
Resolutions committee, chair. 2001
Publications committee, chair. 2005
Conservation Awards committee, member. 2006
Membership committee, chair. 2007
Resolutions committee, chair. 2009
Honorary Life Member committee, chair. 2011
Vice-President, 2012-2013
President Elect, 2013-2014
President, 2014-2015
Past President, 2015-2016

Boone and Crockett Club

Professional member, 2008-present
Editor, Trophy Points web feature. 2009-present
Conservation Committee, member. 2010-present
Publications Committee, member. 2010-present
Stewardship subcommittee. 2014-present

International Deer Biology Congress – Steering Committee member – 2008-present

IUCN-Deer Specialist Group

Member, 2007-present

American Society of Mammalogist

Member, 2007-present

Society for Range Management

Member, 1998-present
Associate Editor. Rangeland Ecology and Management. 2004-2007.

International Bear Association

Member 1998-2008
Chair, Program Committee for Biennial meeting 2007
Co-chair, Organizational Committee Biennial meeting 2007

Virginia Tech Chapter of The Wildlife Society.

Member, 1990-1994
Management and Demonstration Area Committee Chair 1993-94.
President 1992-93
Treasurer 1991-92

Society for Conservation Biology.

Steering Committee member for 1992 annual meeting

Society for Conservation Biology. 1992. Chaired session for student papers.

Colo. State Univ. Chapter of The Wildlife Society.

Member, 1983-87

Treasurer 1986

Co-chair of non-game committee 1985

Other Professional Service

Texas Comptroller Endangered Species Advisory Group, 2011-2012

Texas Parks and Wildlife Department Mule Deer DMP Task Force, 2011-2012

Texas Parks and Wildlife Department White-tailed Deer Advisory Committee, 2015

Reviewer for Agriculture, Ecosystems and Environment, American Midland Naturalist, Animal Production Science, Bears--Their Biology and Management, BioMed Central Research Notes, California Fish and Game, Canadian Journal of Zoology, Ecological Modeling, Ecology, Ecosphere, Environmental Management, Human Dimensions of Wildlife, Human-Wildlife Interactions, European Journal of Wildlife Research, Journal of Animal Ecology, Journal of Animal Physiology and Animal Nutrition, Journal of Arid Environments, Journal of Chemical Ecology, Journal Field Ornithology, Journal of Mammalogy, Journal Wildlife Management, North American Fauna, Northeastern Naturalist, Physiological and Biochemical Zoology, Proceedings Annual Conference Southeastern Assoc. Fish and Wildlife Agencies, Quail V, Rangeland Ecology and Management, Southeastern Naturalist, Southern Journal of Applied Forestry, Tropical Conservation Science, *Ursus*, Wildlife Biology, Wildlife Biology in Practice, Wildlife Monographs, Wildlife Society Bulletin, Wilson Bulletin, and Zoo Biology.

OTHER PRESENTATIONS

Density Dependence, Nutrition, and White-tailed Deer Management in Southern Texas.

Washington State University Seminar. April 2016. Pullman, WA.

Nothing Like It in the World: White-tailed Deer Management in South Texas. Presentation to

Montana Student Chapter of The Wildlife Society. March 2016. Bozeman, MT.

Density Dependence, Nutrition, and White-tailed Deer Management in Southern Texas.

Montana State University Department of Ecology Seminar. February 2016. Bozeman, MT.

Mule Deer Research Project in the Texas Panhandle. Mule Deer Research Meeting. September 2015. Turkey, TX.

The White-tailed Deer Research Program. International Bank of Commerce Wildlife Management Seminar. September 2015. Zapata, TX.

White-tailed Deer Nutrition. Buckskin Brigades. June 2015. Uvalde, TX.

The Insidious Effects of Drought – More than Lack of Water and Forage. CKWRI Deer Associates Meeting. March 2015. San Antonio, TX.

What do Bucks do During the Rut? TWA Wildlife for Lunch Webinar. Jan 2015. State-wide.

Weather and Climate Effects on Large Mammals in Texas. Water, Wildlife, and Wide Open

- Spaces: A Texas Summit on Climate and the Environment. November 2014. San Marcos, TX.
- The Science Behind Nilgai Management. Landowner meeting. November 2014. Kingsville, TX.
- CKWRI White-tailed Deer Research Program. CKWRI Partners Event. September 2014. Houston, TX.
- An Overview of Deer Nutrition. Texas Deer Study Group. April 2014. Columbus, TX.
- Patterns of Fawn Production. TWA Wildlife for Lunch Webinar. April 2014. State-wide.
- CKWRI White-tailed Deer Research Program. CKWRI Partners Event. October 2013. San Antonio, TX.
- The Role of Culling in White-tailed Deer Management. TWA Wildlife for Lunch Webinar. September 2013. State-wide.
- Aging White-tailed Deer. Wildlife Without Borders. June 2013. Kingsville, TX.
- Antler Growth Patterns of White-tailed Deer. Wildlife Without Borders. June 2013. Kingsville, TX.
- White-tailed deer nutrition and foraging in arid/semi-arid regions. Wildlife Without Borders. June 2013. Kingsville, TX.
- Comanche-Faith Research Results. CKWRI Partners Event. April 2013. Houston, TX
- Supplemental feed costs: Economic, ecologic, and biologic. Texas Deer Study Group. April 2013. Glen Rose, TX.
- Cattle Fever Tick Research. USDA-APHIS scientists. March 2013. Washington, D.C. and remote locations throughout the U.S.
- Advances in Deer Management: Managing Nutrition. Abilene Wildlife Expo. February 2013. Presented remotely to Expo participants in Abilene.
- Antlers as targets and tools of management. Goliad Wildlife Cooperative. October 2012. Goliad, TX.
- Habitat and Nutrition Management for White-tailed Deer. Webinar to Texas Wildlife Association. September 2012. Statewide in Texas.
- The Role of Vegetation and Supplemental Feed in Deer Management. King Ranch Leasee Field Day. September 2012. Kingsville, TX.
- Managing White-tailed Deer Populations: Sex ratio, age structure, density. Zapata Deer Management Workshop. July 2012. Zapata, TX.
- Aging White-tailed Deer. Zapata Deer Management Workshop. July 2012. Zapata, TX.
- The Role of Vegetation and Supplemental Feed in Deer Management. CKWRI Deer Associates meeting. March 2012. San Antonio, TX.
- Biology and Management of White-tailed Deer and Deer Nutrition. XIII Seminario Internacional de Venado Cola Blanca. October 2011. Monterrey, MX.
- CKWRI Deer Research Program. CKWRI Partner's Appreciation Day. September 2011. Kingsville, TX.
- Overwinter Fawn Survival. King Ranch Leasee Field Day. September 2011. Kingsville, TX.
- Wildlife Necropsy and Digestive Tract Anatomy. Texas Chapter of The Wildlife Society Wildlife Conservation Camp. July 2011. Welder Wildlife Refuge, Sinton, TX.
- Habitat and Nutrition Management for White-tailed Deer. Texas Parks and Wildlife Workshop. June 2011. Kingsville, TX.
- Overwinter Fawn Mortality: Out of sight – Out of Mind? CKWRI Deer Associates meeting. March 2011. San Antonio, TX.

- The Pros and Cons of Supplemental Feed. Webinar to Texas Wildlife Association. February 2011. Statewide in Texas.
- White-tailed Deer Research at the CKWRI. Annual Meeting of Texas Veterinarians. September 2010. Aransas Pass, TX.
- White-tailed Deer Nutrient Requirements. Deer Management Workshop. September 2010. Welder Wildlife Refuge, Sinton, TX.
- Nutrition: The Pros and Cons of Supplemental Feed. Texas Deer Study Group: Navigating the Deer Management Continuum. September 2010. Kingsville, TX.
- Wildlife Necropsy and Digestive Tract Anatomy. Texas Chapter of The Wildlife Society Wildlife Conservation Camp. July 2010. Welder Wildlife Refuge, Sinton, TX.
- Classical Density Dependence in White-tailed Deer. Caesar Kleberg Wildlife Research Institute Deer Associates Meeting. March 2010. San Antonio, TX.
- White-tailed Deer Food Habits. Deer Steward I Course. Quality Deer Management Association. March 2010. Kingsville, TX.
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