

Clayton D. Hilton

**CURRICULUM VITAE**  
**CLAYTON D. HILTON, MS, DVM, CWB®**

Dick & Mary Lewis Kleberg College of Agriculture and Natural Resources  
Dept. of Animal



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**CURRENT GRADUATE STUDENT RESEARCH PROJECTS**

Eccles, Georgina. Ph.D. candidate. Department of Rangeland and Wildlife Sciences, “Investigating spring migration strategies of northern pintails”. Expected graduation date: Aug 2024. **Member of committee.**

Hewitt, Matthew O. Ph.D. student. Department of Natural Resources Management, Texas Tech University. “Understanding recolonization efforts of black bears in the Trans-Pecos region of Texas”. Expected graduation date: Dec 2028. **Member of committee.**

Hiott, Alexandria. M.S. candidate. Department of Rangeland and Wildlife Sciences, “Ocelot, bobcat, and domestic cat disease transmission and spatial ecology”. Expected graduation date, May 2025. **Member of committee.**

Howard, Lindsey. M.S. candidate. Department of Rangeland and Wildlife Sciences

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de la Torre, Jose Remigio. M.S. Candidate, Department of Animal, Rangeland & Wildlife Sciences.  
Research proposal: "Seroprevalence of *Neospora caninum* in axis and fallow deer in Northern Mexico."  
2016. **Member of committee.**

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Villanueva\*, L., A. K. Killam#, V. Saenz\*, C. Hoskinson, T. L. Pope#, J. Rogers, **C. D. Hilton**, N. L. Bell, and G. L. Schuster. 2019. Pharmacokinetics of diflubenzuron in white-tailed deer (*Odocoileus virginianus*). #graduate student, \*undergraduate student

### **PUBLICATIONS**

#### **Refereed Journal Articles**

Granger, M. M., **C. D. Hilton**, S. E. Henke, H. L. Perotto-Baldivieso, L. R. Schofield, and T. A. Campbell. 2024. Reproductive capabilities of female nilgai (*Boselaphus tragocamelus*) in southern Texas. *Animals*, 14(15), 2150, <https://doi.org/10.3390/ani14152150>.

Reeves, A. M., W. F. Swanson,



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Boyd, R. S. and **C. D. Hilton**. 1994. Ecologic studies of the endangered species *Clematis socialis* Kral. Castanea, 59:3 1-40. <https://www.jstor.org/stable/4033760>

**Hilton, C. D.**, and T. L. Best. 1993. *Tamias cinereicollis*. Mammalian Species, 43(6):1-5.

Durden, L. A., T. L. Best, N. M. Wilson, and **C. D. Hilton**. 1992. Ectoparasitic mites (Acari) of sympatric Brazilian free-tailed and big brown bats in Alabama. Journal of Medical Entomology, 29:507-511. <https://doi.org/10.1093/jmedent/29.3.507>

#### **Non-refereed Articles**

Hicks, R. T., D. G. Pugh, and **C. D. Hilton**. 1998. Care of orphan white-tailed deer fawns. Problem #6, Small Ruminant Teaching Module, American College of Veterinary Nutrition.

#### **Refereed Abstracts**

Bancroft#, K., A. M. Martin, R. W. DeYoung, A. M. Foley, D. G. Hewitt, **C. D. Hilton**, M. L. Hopper#, K. T. Lovasik#, A. Ortega-S., J. Sawyer, L. R. Schofield, B. D. Spencer, A. M. Tanner, and M. J. Cherry. Prevalence and behavioral impacts of toxoplasmosis in southern Texas white-tailed deer (*Odocoileus virginianus*). Texas Chapter of the Wildlife Society Annual Conference, 21-23 Feb 2024. #graduate student; poster.

Green#, B. R., E. P. Tanner, **C. D. Hilton**, and M. J. Cherry. Reproductive status limits thermoregulatory behavior in white-tailed deer. Texas Chapter of the Wildlife Society Annual Conference, 21-23 Feb 2024. #graduate student; paper.

McDaniel#, K. G., M. J. Cherry, R. W. DeYoung, J. W. Evans, D. Karelus, G. Harris, L. J. Heffelfinger, **C. D. Hilton**, C. M. Nouzille#, and L. S. Petracca. Movement ecology, dispersal, and genetic relatedness of mountain lions (*Puma concolor*) in southern Texas and Mexico. Texas Chapter of the Wildlife Society Annual Conference, 21-23 Feb 2024. #graduate student; poster.

McGovern#, J. M., E. P. Tanner, **C. D. Hilton**, K. J. Kraty

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Dykes#, J. L., A. K. Killam#, B. R. Green#, **C. D. Hilton**, E. P. Tanner, M. J. Cherry, and R. W. DeYoung. Quality or quantity? Ambient temperature influences selection for shade quality in a large herbivore. Texas Chapter of the Wildlife Society. 24-26 Feb 2022. #graduate student; paper.

Kalisek\*, M. A., A. M. Tanner, E. P. Tanner, **C. D. Hilton**, C. Hoskinson, R. L. Sramek, K. Garwood, and M. J. Bodenchuk. Assessment of environmental contaminants in obligate avian scavengers. Texas Chapter of the Wildlife Society. 24-26 Feb 2022. \*undergraduate student; paper.

Howard#, L. K., F. Hernandez, **C. D. Hilton**, D. G. Hewitt, and D. B. Wester. Influence of rainfall and vegetation color on Northern Bobwhite reproduction. The Wildlife Society Annual Conference, 6-10 Nov 2022. #graduate student; paper.

Kalisek\*, M. A., A. M. Tanner, E. P. Tanner, **C. D. Hilton**, C. Hoskinson, R. L. Sramek, K. Garwood, and M. J. Bodenchuk. First record of *Trichosporon asahii* in the obligate scavenging Black Vulture (*Coragyps atratus*). The Wildlife Society Annual Conference, 6-10 Nov 2022. \*undergraduate student; paper.

Killam#, A. K., **C. D. Hilton**, D. G. Hewitt, A. M. Foley, and N. L. Bell. Effects of water salinity on intake of food and water by white-tailed deer. Texas Chapter of the Wildlife Society, virtual. 24-26 Feb 2021. #graduate student; paper.

Granger#, M. M., H. L. Perotto-Baldivieso, **C. D. Hilton**, S. E. Henke, and T. A. Campbell. Habitat utilization of nilgai during the winter in south Texas. Texas Chapter of the Wildlife Society, virtual. 24-26 Feb 2021. #graduate student; paper.

Granger#, M. M., **C. D. Hilton**, S. E. Henke, H. L. Perotto-Baldivieso, and T. A. Campbell. Reproductive Capabilities of nilgai in southern Texas. Texas Chapter of the Wildlife Society, virtual. 24-26 Feb 2021. #graduate student; poster.

Reeves#, A. M., D. L. Miller, W. F. Swanson, **C. D. Hilton**, J. V. Lombardi, M. E. Tewes, T. A. Campbell, and L. R. Schofield. Assisted reproductive techniques in free-ranging ocelot and bobcat populations of south Texas. Texas Chapter of the Wildlife Society, virtual. 24-26 Feb 2021. #graduate student; paper.

Eccles#, G. R., K. J. Kraai, D. P. Collins, J. D. James, M. D. Weegman, **C. D. Hilton**, and B. M. Ballard. 2020. Comparing spring migration strategies of Northern Pintails originating from different wintering regions across North America. Texas Chapter of the Wildlife Society, 13-15 Feb 2020. #graduate student; poster.

Granger#, M. M., **C. D. Hilton**, S. duat2



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Pope, T. L., A. K. Killam#, V. M. Cavazos\*, S. E. Henke, D. B. Wester, H. L. Perotto-Baldivieso, **C. D. Hilton**. 2020. Raccoon roundworm as an occupational hazard to captive wildlife and their caregivers. Texas Chapter of the Wildlife Society, 13-15 Feb 2020. #graduate student, \*undergraduate student; paper

Henke, S. E., **C. D. Hilton**, and A. M. Fedynich. 2019. Aflatoxin inhibits phagocytic activity of macrophages in Northern Bobwhite and exacerbates crippling loss. Texas Chapter of the Wildlife Society, 21-23 Feb 2019.

Killam#, A. K., **C. D. Hilton**, and D. G. Hewitt. 2019. Effects of water quality and availability on the consumption of pelleted feed by white-tailed deer. Texas Chapter of the Wildlife Society, 21-23 Feb 2019. #graduate student; poster

Huerta#, J., T. L. Weisheit-Pope#, A. K. Killam\*, S. E. Henke, **C. D. Hilton**, and H. L. Perotto-Baldivieso. Raccoon roundworm: An occupational hazard to captive wildlife caregivers. Texas Chapter of the Wildlife Society, 9-11 Feb 2018. #graduate student; \*undergraduate student; poster

Weisheit-Pope#, T. L., S. E. Henke, and **C. D. Hilton**. Chorioptic ma(a)2 1 152.9 595.9 Tm0 g0 G(p)11(o)22(s)9(t)17(e)20(t)

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**Non-refereed Abstracts**

Eccles, G. R., K. J. Kraai, D. P. Collins, J. D. James, J. A. VonBank, J. C. Giese, B. C. Wilson, **C. D. Hilton**, and B. M. Ballard. 2023. Effects of habitat management in the western Gulf coast on female Northern Pintails. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

Eccles, G. R., K. J. Kraai, D. P. Collins, J. D. James, M. D. Weegman, J. A. VonBank, **C. D. Hilton**, and B. M. Ballard. 2023. Identifying important spring migratory stopover points for female Northern Pintails. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

Eccles, G. R., K. J. Kraai, D. P. Collins, J. D. James, M. D. Weegman, J. A. VonBank, **C. D. Hilton**, and B. M. Ballard. 2023. Spring migration strategies of female Northern Pintails. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

Eccles, G. R., K. J. Kraai, D. P. Collins, J. D. James, M. D. Weegman, **C. D. Hilton**, and B. M. Ballard. 2023. Winter landscape effects on energetics of Northern Pintails. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

Green, B. R., E. P. Tanner, **C. D. Hilton**, and M. J. Cherry. 2023. Thermal ecology in southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

Hopper, M. L., B. R. Green, L. A. Hediger, **C. D. Hilton**, M. J. Cherry, and M. G. Cherry. 2023. Diet composition of captive deer. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

Howard, L. K., F. Hernández, **C. D. Hilton**, D. G. Hewitt, and D. B. Wester. 2023. Rainfall effects on bobwhite reproduction. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2022-2023.

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Eccles, G. R., B. M. Ballard, K. J. Kraai, D. P. Collins, J. D. James, M. D. Weegman, and **C. D. Hilton**. 2022. Winter landscape effects on northern pintail energetics. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2021-2022.

Hopper, M. L., B. R. Green, J. A. Hediger, D. G. Hewitt, **C. D. Hilton**, and M. J. Cherry. 2022. Dietary requirements of reproductive white-tailed does. 2022.

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Reeves, A. M., D. L. Miller, W. F. Swanson, **C. D. Hilton**, T. A. Campbell, J. V. Lombardi, and M. E. Tewes. 2021. Impacts of genetic erosion on wild felid reproductive and immune fitness. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2020-2021.

Anderson, C. J., L. A. Brennan, **C. D. Hilton**, P. E. Klug, W. P. Bukoski, S. R. Siers, B. M. Kluever, A. B. Shiels, and S. C. Hess. 2020. Management of invasive rose-ringed parakeets on Kauai. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Dykes, J. L., A. K. Killam, R. W. DeYoung, E. P. Tanner, M. J. Cherry, and **C. D. Hilton**. 2020. How does shade and wind affect space use by deer? Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Eccles, G. R., B. M. Ballard, K. J. Kraai, D. P. Collins, J. D. James, M. D. Weegman, and **C. D. Hilton**. 2020. Spring migration strategies of northern pintails. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Granger, M. M., L. R. Schofield, S. E. Henke, **C. D. Hilton**, and T. A. Campbell. 2020. Population structure and reproduction of nilgai antelope in southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Granger, M. M., L. Scofield, S. E. Henke, H. L. Perotto-Baldivieso, **C. D. Hilton**, and T. A. Campbell. 2020. Habitat preferences of nilgai antelope in southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Henke, S. E., **C. D. Hilton**, C. B. Eversole, T. L. Pope, J. O. Huerta, and M. Cruz. 2020. Effect of hydromorphone as a means to reduce perceived pain by American alligators. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

**Hilton, C. D.**, S.E. Henke, C. B. Eversole, T. L. Pope, J. O. Huerta, and A. Lowery. 2020. Development of an anesthesia protocol for American alligators. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Killam, A. K., **C. D. Hilton**, D. G. Hewitt, A. M. Foley, and N. L. Bell. 2020. The effects of water salinity on dry matter intake. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Pope, T. L., S. E. Henke, D. B. Wester, and **C. D. Hilton**. 2020. Potential transmission of parasites from scats of common predators to ocelots. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Pope, T. L., S. E. Henke, D. B. Wester, S. Rideout-Hanzak, and **C. D. Hilton**. 2020. Effect of prescribed fire on the viability of raccoon roundworm eggs. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Pope, T. L., S. E. Henke, M. J. Yabsley, and **C. D. Hilton**. 2020. First record of chorioptic mange in white-tailed deer. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

Reeves, A. M., D. L. Miller, **C. D. Hilton**, M. E. Tewes, J. V. Lombardi, J. P. Leonard, M. Sergeyev, and T. A. Campbell. 2020. Wild felid health and disease assessment on East Foundation's El Sauz Ranch. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2019-2020.

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Reeves, A. M., D. L. Miller, W. F. Swanson, C. D. Hilton

**Hilton, C. D.**, B. S. Mitchell, J. Burchsted, W. P. Kuvlesky, Jr., A. Ortega-Santos, L. A. Brennan, and H. L. Perotto-Baldivieso. 2017. Disease surveillance of relocated wild turkeys in southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2016-2017.

Hoskinson, C., **C. D. Hilton**, A. N. Tri, D. G. Hewitt, J. Belant, and S. E. Henke. 2017. Selective serosurvey of pathogens in free-ranging black bears in Mississippi. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2016-2017.

Weisheit-Pope, T. L., S. E. Henke, M. E. Tewes, **C. D. Hilton**, and H. L. Perotto-Baldivieso. 2018. Transmission potential of raccoon roundworms to the endangered ocelot. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2016-2017 and 2017-2018.

Weisheit, T. L., **C. D. Hilton**, and S. E. Henke. 2017. Chorioptic mange in white-tailed deer from southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2016-2017.

**Hilton, C. D.** and W. P. Kuvlesky, Jr. 2016. Disease surveillance of relocated wild turkeys in southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2015-2016.

Weisheit, T., C. Hoskinson, **C. D. Hilton**, and S. E. Henke. 2016. Potential sarcoptic mange spillover in white-tailed deer. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2015-2016.

Weisheit, T., S. E. Henke, M. Tewes, **C. D. Hilton** and H. Perotto. 2016. Potential transmission of rabies from raccoons to ocelots in southern Texas. Annual Report of the Caesar Kleberg Wildlife Research Institute for 2015-2016.

Alonso, N. A., D. G. Hewitt, R. W. DeYoung, **C. D. Hilton** and P. S. Barboza.

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**Hilton, C. D.** and T. L. Best. 2000. Gastrointestinal helminth parasites of bats in Alabama. Fourth Colloquium on Conservation of Mammals in the Southeastern United States, Occasional Papers of the North Carolina Museum of Natural Sciences and the North Carolina Biological Survey, 12:57-66.

Henry, T. H., T. L. Best, and **C. D. Hilton**. 2000. Body size, reproductive biology, and sex ratio of a year-round colony of

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Tanner, A.M., M.A. Kalisek, E.P. Tanner, and **C.D. Hilton**



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**Hilton, C. D.** Euthanasia of zoo and wild animals. Humane Endings Symposium, American Veterinary Medical Association, 27-29 Jan 2023. Invited speaker.

Howard#, L. K., F. Hernandez, **C. D. Hilton**, D. G. Hewitt, and D. B. Wester. Influence of rainfall and vegetation color on Northern Bobwhite reproduction. The Wildlife Society Annual Conference, 6-10 Nov 2022. #graduate student; poster.

Kalisek\*, M. A., A. M. Tanner, E. P. Tanner, **C. D. Hilton**, C. Hoskinson, R. L. Sramek, K. Garwood, and M. J. Bodenchuk. First record of *Trichosporon asahii* in the obligate s



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Green#, B. R., E. P. Tanner, **C. D. Hilton**, and M. J. Cherry. The cost of a bun in the oven: using new technology to uncover the role of

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Killam#, A. K., **C. D. Hilton**, D. G. Hewitt, A. M. Foley, and N. L. Bell. Effects of water salinity on dry matter intake by white-tailed deer (*Odocoileus virginianus*). Texas Chapter of the Wildlife Society, 13-15 Feb 2020. #graduate student; poster.

*Third place award for poster presentations.*

Pope, T. L., S. E. Henke, D. B. Wester, S. Rideout-Hanzak, and **C. D. Hilton**. Effect of prescribed fire on the viability of *Baylisascaris procyonis* eggs. Texas Chapter of the Wildlife Society, 13-15 Feb 2020.

Pope, T. L., A. K. Killam#, V. M. Cavazos\*, S. E. Henke, D. B. Wester, H. L. Perotto-Baldivieso, and **C. D. Hilton**. Raccoon roundworm as an occupational hazard to captive wildlife and their caregivers. Texas Chapter of

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**Hilton, C. D.** Snakebite. CE by the Sea, Coastal Bend Veterinary Medical Association. 9 Sep 2017. Invited speaker.

**Hilton, C. D.** Trap, neuter and release programs: why you should be concerned. CE by the Sea, Coastal Bend Veterinary Medical Association. 9 Sep 2017. Invited speaker.

Weisheit-Pope#, T., S. E. Henke, **C. D. Hilton** and A. Ortega-Santos, Jr. 2017. Prevalence of mange in selected wild mammals in southern Texas. 67th Annual James Steele Conference on Diseases in Nature Transmissible to Man, Irving, TX. 24-26 May 2017. #graduate student; poster.

Weisheit-Pope#, T., S. E. Henke, **C. D. Hilton** and A. Ortega-Santos, Jr. 2017. Use of remote cameras to monitor the potential prevalence of sarcoptic mange in southern Texas; an update. 67th Annual James Steele Conference on Diseases in Nature Transmissible to Man, Irving, TX. 24-26 May 2017. #graduate student; poster.

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Derr, J. N., **C. D. Hilton**, and L. Thomas. Wildlife darting; wetlab. Zoo, Exotics, and Wildlife Annual Conference, College Station, TX, 18 Feb 2024. Invited participant.

**Hilton, C. D.** and C. E. Ullmer. Wildlife field necropsy techniques; wetlab. Zoo, Exotics, and Wildlife Annual Conference, College Station, TX, 18 Feb 2024. Invited participant.

Ullmer, C. E., T. J. Yaw, and

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**Hilton, C. D.** 2017, 2018 & 2021. Wildlife Capture and Immobilization course. Wildlife & Agriculture Graduate Student Organization, Texas A&M University-Kingsville (and veterinary students in 2021).

**Hilton, C. D.** 2015. The TAMUK Veterinary Technology Program. Texas. 20 Aug 2015.

**Hilton, C. D.** 2015. The TAMUK Veterinary Technology Program. Kingsville, Texas. 20 May 2015.

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**Hilton, C. D.** 2020. Continued support of the Albert and Margaret Ungulate Facility, Albert & Margaret Alkek Foundation. \$25,000.

**Hilton, C. D.** and M. Tewes. 2020. Assisted reproduction in ocelots. East Foundation. \$33,652.

M. Tewes and **C. D. Hilton.** 2020. Supporting ocelot recovery. East Foundation. \$64,425.

**Hilton, C. D.** and M. Tewes. 2019. Assisted reproduction in ocelots. East Foundation. \$34,912.

Tewes, M. and **C. D. Hilton.** 2019. Supporting ocelot recovery. East Foundation. \$84,787.

**Hilton, C. D.** 2019. Operational support of the Albert and Margaret Alkek Captive Ungulate Facility. Albert and Margaret Alkek Foundation. \$10,000.

Chumbley, S. B, A. Torres-Conkey and **C. D. Hilton.** 2018. Beyond WILD: Wildlife ecology and management experiential learning and leadership program. USDA-AFRI-PDSTEP. \$121,409.74.

**Hilton, C. D.** 2018. Jo and Bruce Gunn Endowed Directorship for Veterinary Technology. \$1,300,000.

Schuster, G. L., R. L. Stanko, N. L. Bell, **C. D. Hilton** and K. Lohmeyer. 2018. Feed-through and spray-on treatments of insect growth regulators for cattle and wildlife. USDA-ARS. \$244,517.

**Hilton, C. D.** and D. G. Hewitt. 2018. Maintenance support of the Albert and Margaret Alkek Captive Ungulate Facility. Albert and Margaret Alkek Foundation. \$25,000.

**Hilton, C. D.** and D. G. Hewitt. 2018. Annual support of the Albert and Margaret Alkek Captive Ungulate Facility. Albert and Margaret Alkek Foundation. \$25,000.

Hewitt, D. G. and **C. D. Hilton.** 2017. Annual support of the Albert and Margaret Alkek Captive Ungulate Facility. Albert and Margaret Alkek Foundation. \$25,000.

**Hilton, C. D.,** and W. P. Kuvlesky, Jr. 2017. Disease surveillance of wild turkeys in south Texas, Phase II. Private donor. \$7000.

Hewitt, D. G. and **C. D. Hilton.** 2016. Annual support of the Albert and Margaret Alkek Captive Ungulate Facility. Albert and Margaret Alkek Foundation. \$25,000.

Kuvlesky, W. P., Jr. and **C. D. Hilton.** 2015. Disease surveillance of wild turkeys in south Texas. University Research Award, Texas A&M-Kingsville. \$14,358.

Hewitt, D. G. and **C. D. Hilton.** 2014. Thermal environment effects on white-tailed deer. University Research Award, Texas A&M University-Kingsville. \$14,949.

**Hilton, C. D.** and D. G. Hewitt. 2014. Evaluation of the efficacy of nalbuphine-medetomidine or nalbuphine-azaperone-medetomidine for immobilization of white-tailed deer and the reversal using naltrexone and atipamezole. Wildlife Pharmaceuticals, Inc., Fort Co7(e)9( )2 0 5&/F1 11.04 Tf1 0 0 1 300 300 300 300(og)11(y. \$1,3)JTJE





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- Liaison to FDA's Veterinary Feed Directive Committee, 2015 – 2018.
- CVTEA accreditation inspection team member, 2018.
- Zoo and Wildlife Working Group for the Panel on Depopulation, 2023 – present.
- The Wildlife Disease Association, 1993 – present.
  - Associate Editor, *Journal of Wildlife Diseases*, 2023 – present.
  - Wildlife Veterinary Section, 1993 – present.
- Chair of the Grants and Funding Committee, 2018 – 2021.
  - Advisory Board of Wildlife Veterinary Section, 2014 – 2019.
  - Ad hoc* Committee on Zoologic Medicine, 2015 – 2018.
- American Association of Zoo Veterinarians (AAZV), 1993 – present.
  - Executive Board, 2009 – 2012 & 2017 – 2021.
  - Audit & Finance Committee, 2009 – 2012 & 2017 – 2021.
  - Research Grants Committee, 2020 – 2024.
  - Joint liaison (with AAWV) to the AVMA's Committee on Environmental Issues, 2018 – 2024.
  - Committee on Wildlife Health & Conservation, 2007 – 2015.
  - Association Advancement Committee, 2014 – present.
    - Vice-chair, 2015 – 2017.
    - Chair, 2017 – 2020.
  - Legislation & Animal Welfare Committee, 2003 – present.
    - Vice-Chair, 2020 – 2023.
  - Chair, Public Relations Committee, 2009 –

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Trans-Pecos Pronghorn Working Group, 2016 – 2021.  
Texas Wildlife Association, 2017.  
    Deer and Exotic Management Committee, 2017 – 2019, 2019 – 2023.  
United States Animal Health Association, 2019 – 2023.  
    Animal Welfare Committee  
    Cattle and Bison Committee  
    Farmed Cervidae Committee  
    Foreign and Emerging Disease Subcommittee  
    Wildlife and Captive Wildlife Committee  
Jefferson County (AL) Veterinary Medical Association, 2008 – 2014.  
Alabama Veterinary Medical Association, 2014.  
Elephant Manager's Association, 2012 – 2014.

**Attendance at Meetings of Professional Societies** (since joining TAMUK faculty in Apr, 2014).  
American Association of Wildlife Veterinarians, 2014, 2015, 2016, 2018, 2019, 2020, 2022 & 2023.  
American Association of Zoo Veterinarians, 2014\*, 2015, 2016\*, 2017\*, 2018\*, 2019, 2020\*, 2021, 2022, 2023\*.  
International Association of Aquatic Animal Medicine, 2024.  
American Veterinary Medical Association, Humane Endings Symposium, 2023.  
Eastern Black Bear Workshop, 2023.  
Southeast Association of Fish and Wildlife Agencies, 2023.  
Southeast Regional Sea Turtle Meeting, 2020.  
Texas Chapter of the Wildlife Society, 2015, 2016, 2017\*, 2018, 2019, 2020, 2021, 2022, 2023 & 2024.  
United States Animal Health Association, 2019.  
Boone and Crockett Club, 2016, 2017, 2018, 2019, 2021, & 2023.  
International Wild Pig Conference, 2018 & 2020.  
Texas Veterinary Medical Association, 2015.  
Wildlife Disease Association, 2014, 2016, 2018\*, 2019, 2020, 2022, & 2023.  
Texas Wildlife Association, 2018.  
Association of Veterinary Technician Educators, 2015, & 2022.  
20<sup>th</sup> Congreso Veterinario de León, Guanajuato, Mexico, 2015.  
Coastal Bend Veterinary Medical Association, 2015, 2016, & 2017.  
CE by the Sea, 2016.  
The Wildlife Society, 2016.  
    Nutritional Ecology Working Group Skills workshop, 2023.  
North American Deer Summit, 2017 (invitation, only)  
Zoo Ready/Exotic Animal Disaster Preparedness (invited attendee, with scholarship), 2017.  
\*Session Moderator

**Professional Service, Licenses, Accreditations & Certifications**

Certified Wildlife Biologist®, The Wildlife Society, 2022.  
HAZWOPER Emergency Response Certification, 2021.  
Veterinary licensure through the Texas State Board of Veterinary Medical Examiners, 2004 – present.  
Registration with the Drug Enforcement Agency, Department of Justice, 1997 – present.  
United States Department of Agriculture, Category II Veterinary Accreditation, 1997 – present.  
United States Department of Agriculture, Veterinary Accreditation for Comparative Cervical Testing for

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Certificate of Completion, Nonprofit Executive Leadership Institute, 2013.

**Professional Service Activities**

External Manuscript Reviews

Reviewer for:

Human-Wildlife Interactions

Journal of Wildlife Diseases

Acta Parasitologica

Journal of Zoo and Wildlife Medicine

Journal of Wildlife Management

Wildlife Monographs

Internal Manuscript Reviews

Caso, A., M. E. Tewes, L. I. Grassman, Jr., Rendón-Franco, and J. V. Lombardi. 2022. Chemical immobilization of free-ranging jaguarundi (*Puma yagouaroundi*) in northeastern Mexico. *Journal of Wildlife Diseases*.

Foley, A. 2021. Extreme climate events and density dependence signals: A case study with nilgai (*Boselaphus tragocamelus*). *Nature Ecology & Evolution*.

Fedynich, A. M., K. Bedford, D. Rollins, and D. B. Webster. 2019. Helminth fauna in a semiarid host species - scaled quail (*Callipepla squamata*). *Journal of Helminthology*.

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Olsen, A. and A. M. Fedynich. 2016. Helminth infections in Northern Bobwhites (*Colinus virginianus*) from a legacy landscape in Texas, USA. *Journal of Wildlife Diseases*. <https://doi.org/10.7589/2015-11-317>

Villareal, S. M., A. Bruno, A. M. Fedynich, L. A. Brennan and D. Rollins. 2016. Helminth infections across a northern bobwhite (*Colinus virginianus*) annual cycle in Fisher County, Texas. *Western North American Naturalist*. <https://doi.org/10.3398/064.076.0303>

Huck, N., B. M. Ballard, A. M. Fedynich, K. Kraai and M. Castro. 2016. Shot ingestion by wintering female Northern Pintails (*Anas acuta*) in the Texas Coastal Plain, 2012-2014. *Journal of Wildlife Diseases*. <https://doi.org/10.7589/2015-02-050>

Olsen, A., L. Brennan and A. M. Fedynich. 2015. The effects of helminth parasites on wildlife populations: implications for future research. *The Wildlife Society Bulletin*.

Bruno, A., K. Purple, A. M. Fedynich, R. Gerhold and D. Rollins. 2014. Survey for *Trichomonas gallinae* in northern bobwhites from the Rolling Plains ecoregion. *Journal of Wildlife Diseases*.

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DVM MOA Committee, 2017 – 2019.  
Chair of Search Committee, Adj