

Michael E. Tewes, Ph.D.

Regents Professor, Texas A&M University System
 The Frank Daniel Yturria Endowed Chair in Wild Cat Studies
 Caesar Kleberg Wildlife Research Institute
 Texas A&M University-Kingsville
 700 University Blvd, MSC 218
 Kingsville, TX 78363

Email: michael.tewes@tamuk.edu / Office phone: 361-593-3972

EDUCATION

Ph.D.	University of Idaho	August 1986	Wildlife Resources
M.S.	Texas A&M University	May 1982	Wildlife Ecology
B.S.	Texas A&M University	May 1979	Wildlife Ecology

CERTIFICATION

1981 - Certified Wildlife Biologist; 1977 - Member of The Wildlife Society

ACADEMIC HISTORY

Sep. 1986-Present	Caesar Kleberg Wildlife Res. Inst., CKWRI, Texas A&M Univ.-Kingsville
Sep. 2008-Present	Frank Daniel Yturria Endowed Chair in Wild Cat Studies, CKWRI
Dec. 2007-Present	Regents Professor, CKWRI and Texas A&M University System
Sep. 1995-2007	Professor, CKWRI
Sep. 1989-Sep. 1995	Associate Professor/ Associate Research Scientist, CKWRI
Sep. 1986-Sep. 1989	Assistant Research Scientist, CKWRI
Sep. 1986-Present	Coordinator of the Feline Research Program, CKWRI
Sep. 1984-Sep. 1986	PhD Student, University of Idaho, Dissertation about Ocelot Ecology
Oct. 1981-Sep. 1984	Research Associate, CKWRI, Texas A&M University-Kingsville

Summary of Ocelot Expertise: 43 years of ocelot research and conservation experience (1981-2024) including over 100 scientific articles, over 400 scientific presentations, over 150 popular articles, and over \$12 million funding. Expert Consultant for Private/NGO groups (12), state (4) and federal (17) agencies. Leader, Federal Ocelot Recovery Team I (1993-2000); Member, Federal Ocelot Recovery Team II (2003-Present). Only continuous member of both Federal Ocelot Recovery Teams over 30 years.

Teaching

Courses Taught (recent)

2025

WSCI 6390 – Wild Cat Biology and Conservation (in progress)

WSCI 6395 – Problems in Range and Wildlife Science (in progress)

2024

WSCI 6372 – Wildlife Conservation Biology

WSCI 6395 – Problems in Range and Wildlife Science

Graduate Students (since Jan, 1, 2024)

Thomas Yamashita (PhD)

Jim Neugebauer (PhD)

Rupesh Maharjan (PhD) (begins Jan 1, 2025)

Sean Kiernan (MS)

Jack Towson (MS)

Two additional graduate students coming in Summer 2025

Undergraduate Students Mentored (7) since Jan 1, 2024)

Trevor Black, Spencer Ferguson, Joeslyn Garcia, Denay Hernandez, Peter Marbach, Emily McMillian, Will Stephens

SCIENTIFIC PUBLICATIONS

Journal Articles

Reeves, AM, WF Swanson, CD Hilton, TA Campbell, L Schofield, ME Tewes, HM Swarts, A Miller, and C Springer. 2024. Semen collection and characterization of normative reproductive traits in free-ranging ocelots (*Leopardus pardalis*) and bobcats (*Lynx rufus*) in southern Texas.

Theriogenology Wild doi.org/10.1016/j.therwi.2024.100107

Yamashita, TJ, HL Perotto-Baldivieso, DB Wester, KW Ryer, RJ Kline, ME Tewes, JH Young, Jr., and J Lombardi. 2024. A multivariate approach to assessing landscape structures effectiveness on wildlife crossing structure use. Ecological Processes doi.org/10.1186/s13717-024-00555-z

Sergeyev M, EP Tanner, MJ Cherry, JV Lombardi, TA Campbell, ME Tewes. 2023. Influence of abiotic factors on habitat selection of ocelots and bobcats: testing the interactive range limit theory. Frontiers in Ecology & Evolution Front. Ecol. Evol., 29 November 2023 Sec. Conservation and Restoration Ecology Volume 11 - 2023 | <https://doi.org/10.3389/fevo.2023.1166184>

Sergeyev, M, DA Crawford, JD Holbrook, JV Lombardi, ME Tewes, TA Campbell. 2023. Selection in 3D: Assessing individual variation in habitat selection of ocelots, bobcats, and coyotes using LiDAR-derived canopy metrics. Remote Sensing in Ecology and Conservation 15 November 2023 <https://doi.org/10.1002/rse2.369>

Sergeyev, M, MJ Cherry, EP Tanner, JV Lombardi, ME Tewes, TA Campbell. 2023. Multiscale selection and avoidance of carnivores by endangered ocelots. *Scientific Reports Sci Rep* **13**, 8882 (2023). <https://doi.org/10.1038/s41598-023-35271-9>

Sergeyev M, JV Lombardi, ME Tewes, TA Campbell. 2023. Ocelots in the moonlight: influence of lunar phase on habitat selection and movement of two sympatric felids. *PLOS One* Published: November 30, 2023 <https://doi.org/10.1371/journal.pone.0286393>

Branney AB⁺, S Carvajal⁺, Lombardi JV⁺, WC Stasey, ME Tewes, A Caso. 2023. Community structure, spatial and temporal overlap of a diverse carnivore guild in the Sierra Tamaulipas, Mexico. *Global Ecology and Conservation*. Volume 44, August 2023, e02493 <https://doi.org/10.1016/j.gecco.2023.e02493>

Lombardi JV⁺, TJ Yamashita⁺, A Blackburn, JH Young Jr, ME Tewes, CJ Anderson. 2023. Examining the Spatial Structure of Woody Cover Within a Highway Road Effect Zone for Ocelots in Texas. *Urban Ecosystems Urban Ecosyst* **26**, 1057–1069. <https://doi.org/10.1007/s11252-023-01350-y>

Yamashita TJ, DB Wester, JH Young Jr, ME Tewes, JV Lombardi. 2023. Distinguishing buildings from vegetation in an urban-chaparral mosaic landscape. *Remote Sensing* 15:1703 <https://doi.org/10.3390/rs15061703>

Lombardi JV, M Sergeyev, LR Schofield, ME Tewes, RN Wilkins. 2023. Spatial capture recapture and LiDAR-derived canopy metrics reveal high ocelot densities on Texas ranchlands. *Frontiers in Conservation Science Front. Conserv. Sci.*, 14 December 2022 Sec. Animal Conservation Volume 3 - 2022 | <https://doi.org/10.3389/fcsc.2022.1003044>

Branney, A.B., S. Carvajal, J.V. Lombardi, W.C. Stasey, M.E. Tewes, A. Caso. 2023. Jaguars, ocelots, coatimundis...oh my: species composition and temporal overlap of a diverse carnivore guild in the Sierra of Tamaulipas, Mexico. *Global Ecology and Conservation* 44, e02493

Lombardi, J.V., T.J. Yamashita, A. Blackburn, J.H. Young, Jr., M.E. Tewes, and C.J. Anderson. 2023. Examining the spatial structure of woody cover within a highway road effect zone for ocelots in Texas. *Urban Ecosystems* <https://doi.org/10.1007/s11252-023-01350-y>

Blackburn, A., A.M. Veals, M.E. Tewes, D.B. Wester, J.H. Young, Jr., R.W. DeYoung, and H.L. Perotto-Baldivieso. 2022. If you build it, will they come? A comparative landscape analysis of ocelot roadkill locations and crossing structures. *PLOS ONE* 17(5), e0267630.

Kays R., M.V. Cove, J. Diaz, ...J.V. Lombardi, M. Sergeyev, M.E. Tewes, et al. 2022. SNAPSHOT USA 2020: A second coordinated national camera trap survey of the United States during the COVID-19 Pandemic. *Ecology* 103(10), e3775.

Korn, J.M., J.D. Ray, L.M. Thurmond, M.E. Tewes, and R.S. Matlack. 2022. Long dispersal distances of three male bobcats in Texas. *The Southwestern Naturalist* 66(3):261-264.

Lombardi J.V., A.M. Haines, G.W. Watts, III, L.I. Grassman Jr., J.E. Janečka, A. Caso, S. Carvajal-Villareal, Z.M. Wardle, T.J. Yamashita, W.C. Stasey, A.B. Branney, D.G. Scognamillo, T.A. Campbell, J.H. Young, Jr., M.E. Tewes. 2022. Status and distribution of jaguarundi in northeastern Mexico and Texas: making the case for extirpation and recovery in the United States. *Ecology and Evolution* 12(3), e8642.

Lombardi J.V., H.L. Perotto-Baldivieso, D.G. Hewitt, D.G. Scognamillo, T.A. Campbell, M.E. Tewes. 2022. Assessment of appropriate species-specific time intervals to integrate GPS telemetry data in ecological niche models. *Ecological Informatics* 70, 101701.

Lombardi J.V., M. Sergeyev, L.R. Schofield, M.E. Tewes, R.N. Wilkins. 2022. Spatial capture-recapture and LiDAR-derived canopy metrics reveal high ocelot densities on Texas ranchlands. *Frontiers in Conservation Science* 3, 136.

Sergeyev M., J.D. Holbrook, J.V. Lombardi, M.E. Tewes, and T.A. Campbell. 2022. Behaviorally mediated coexistence between ocelots, bobcats, and coyotes using hidden Markov models. *Oikos* 2022:e09480.

Veals, A.M., J.D. Holbrook, A. Blackburn, C.J. Anderson, R.W. DeYoung, T.A. Campbell, J.H. Young Jr., and M.E. Tewes. 2022. Multiscale habitat relationships of a habitat specialist over time: the case of ocelots in Texas from 1982 to 2017. *Ecosphere* 13(8), e4204.

Veals, A.M., J.D. Holbrook, M.J. Cherry, T.A. Campbell, J.H. Young, Jr., and M.E. Tewes. 2022, Landscape connectivity for an endangered carnivore: habitat conservation and road mitigation for ocelots in the US. *Landscape Ecology* 1-19.

Blackburn, A. L.J. Heffelfinger, A.M. Veals, M.E. Tewes, J.H. Young, Jr., 2021. Cats, cars, and crossings: the consequences of road networks for the conservation of an endangered felid. *Global Ecology and Conservation* 27 <https://doi.org/10.1016/j.gecco.2021.01582>

Blackburn, A., C.J. Anderson, A.M. Veals, M.E. Tewes, D.B. Wester, J.H. Young Jr., R.W. DeYoung, and H.L. Perotto-Baldivieso. 2021. Landscape patterns of ocelot-vehicle collision sites. *Landscape Ecology*. DOI: <https://doi.org/10.1007/s10980-020-01153-y>

Lombardi, J.V., H.L. Perotto-Baldivieso, M. Sergeyev, A.M. Veals, L. Schofield, J.H. Young, and M.E. Tewes. 2021. Landscape structure of woody cover patches for endangered ocelots in southern Texas. *Remote Sensing* 13, 4001: 13pp. <https://doi.org/10.3390/rs13194001>

Lombardi, J.V., M.E. Tewes, W.C. Stasey, A. Caso, and S. Carvajal-Villareal. 2021. Ocelot density and habitat use in tropical deciduous forests in the Sierra Tamaulipas, Mexico. *Journal of Mammalogy* 103:57-67.

MacKenzie, D.J., J.V. Lombardi, and M.E. Tewes. 2021. A note on investigating co-occurrence patterns and dynamics for many species, with imperfect detection and a log-linear modeling parameterization. *Ecology and Evolution* 11:8507-8515.

- Leonard, J.P., M.E. Tewes, J.V. Lombardi, D.B. Wester, and T.A. Campbell. 2020. Effect of sun angle, temperature, and moon phase on sympatric ocelots and bobcats in South Texas, PLoS One 15: e0231732. DOI: <https://doi.org/10.1371/journal.pone.0231732>
- Lombardi, J.V., D.I. MacKenzie, M.E. Tewes, H.L. Perotto-Baldivieso, J.M. Mata, and T.A. Campbell. 2020. Co-occurrence patterns of bobcats, coyotes, and ocelots in Texas. Ecology and Evolution 10:4903-4917. DOI: <https://doi.org/10.1002/ece3.6242>
- Lombardi, J.V., H.L. Perotto-Baldivieso, and M.E. Tewes. 2020. Land cover trends in South Texas 1987-2050: Implications for wild felids. Remote Sensing 12:659. DOI: <https://doi.org/10.3390/rs12040659>
- Lombardi, J.V., M.E. Tewes, H.L. Perotto-Baldivieso, J.M. Mata, and T.A. Campbell. 2020. Spatial structure of woody cover affects habitat use patterns of ocelots in Texas. Mammal Research 65:555-563. DOI: <https://dx.doi.org/10.1007/s13364-020-00501-2>
- Tewes, M.E. 2019. The conservation status of the endangered ocelot: A 35-year perspective. 37th Annual Faculty Lecture, Texas A&M University-Kingsville. (recognized as a publication)
- Janecka, J.E., M.E. Tewes, I.A. Davis, A.M. Haines, A. Caso, T.L. Blankenship, and R.L. Honeycutt. 2016. Genetic differences in the response to landscape fragmentation by a habitat generalist, the bobcat, and a habitat specialist, the ocelot. Conservation Genetics DOI 10.1007/s 1059 2-016-0846-1
- Borries, C., L.I. Grassman Jr., E. Larney, M.E. Tewes, and A. Koning. 2015. Survival of a wild female marbled cat to at least 10 years of age. Cat News, No. 62.
- Janecka, J.E., M.E. Tewes, L.L. Laack, A. Caso, L.I. Grassman, and R.L. Honeycutt. 2014. Loss of genetic diversity among ocelots in the United States during the 20th century linked to human induced population reductions. PLoS One DOI: 10.1371/journal.pone.0089384.
- Holbrook, J.D., A. Caso, R.W. DeYoung, and M.E. Tewes. 2013. Population genetics of jaguarundis in Mexico: implications for future research and conservation. Wildlife Society Bulletin 37:336-341.
- Carvajal-Villarreal, S., A. Caso, P. Downey, A. Moreno, M.E. Tewes, L.I. Grassman Jr. 2012. Spatial patterns of the margay (*Leopardus wiedii*; Felidae, Carnivora) at "El Cielo" Biosphere Reserve, Tamaulipas, Mexico. Mammalia 76:237-244.
- Harveson, P.M., L.A. Harveson, L. Hernandez-Santin, M.E. Tewes, N.J. Silvy, and J.T. Pittman. 2012. Characteristics of two mountain lion (*Puma concolor*) populations in Texas. Wildlife Biology 18:58-66.
- Holbrook, J.D., R. DeYoung, J.E. Janecka, M.E. Tewes, R.L. Honeycutt, and J.H. Young. 2012. Genetic diversity, population structure, and movements of mountain lions, *Puma concolor*, in Texas. Journal of Mammalogy 93:989-1000.
- Holbrook, J.D., R. DeYoung, M.E. Tewes, and J.H. Young. 2012. Demographic history of an elusive carnivore: using museums to inform management. Evolutionary Applications 5:619-628.
- Holbrook, J.D., R. DeYoung, A. Caso, M.E. Tewes, and J.H. Young. 2012. Hog-nosed skunks (*Conepatus leuconotus*) along the Gulf of Mexico: population status and genetic diversity. Southwestern Naturalist 57:223-225.

- Gilad, O., J.E. Janecka, F. Armstrong, M.E. Tewes, And R.L. Honeycutt. 2011. Mountain lions in Guadalupe Mountains National Park: estimates of occurrence and distribution through DNA analyses. *The Southwestern Naturalist* 56:297-304.
- Holbrook, J. D., R. DeYoung, M.E. Tewes, J. Young, J. Mays, and E. Meyers. 2011. Natural dispersal or illegal pets? Limitations on assigning origin to road-killed ocelots in the southwestern United States. *Wildlife Society Bulletin* 35:504-507.
- Janecka, J.E., M.E. Tewes, L.L. Laack, A. Caso, L.I. Grassman Jr., A.M. Haines, D. B. Shindle, W.J. Murphy, R.L. Honeycutt. 2011. Reduced genetic diversity and isolation of remnant ocelot populations occupying a severely fragmented landscape in southern Texas. *Animal conservation* 14:608-619.
- Young, J.H., M.E. Tewes, A.M. Haines, G. Guzman, and S.J. DeMaso. 2010. Survival and mortality of cougars in the Trans-Pecos Region. *The Southwestern Naturalist* 55:412-419.
- Horne, J.S., A.M. Haines, M.E. Tewes, and L.L. Laack. 2009. Habitat partitioning by sympatric ocelots and bobcats: implications for recovery of ocelots in southern Texas. *The Southwestern Naturalist* 54:119-126.
- Chen, M., M.E. Tewes, K. Pei, and L.I. Grassman Jr. 2009. Activity patterns and habitat use of sympatric small carnivores in southern Taiwan. *Mammalia* 73:20-26.
- Janecka, J.E., M.E. Tewes, L.L. Laack, L.I. Grassman Jr., A.M. Haines, and R.L. Honeycutt. 2008. Small effective population sizes of two remnant ocelot populations (*Leopardus pardalis albenscens*) in the United States. *Conservation Genetics* 9:869-878.
- Austin, S.C., L.I. Grassman Jr., M.E. Tewes, and N.J. Silvy. 2007. Ecology and conservation of the leopard cat *Prionailurus bengalensis* and clouded leopard *Neofelis nebulosa* in Khao Yai National Park, Thailand. *Acta Zoologica Sinica* 53:1-14.
- Austin, S.C., L.I. Grassman Jr., M.E. Tewes, and N.J. Silvy. 2007. Road ecology of the leopard cat *Prionailurus bengalensis* in Khao Yai National Park, Thailand. *Acta Zoologica Sinica* 53:373-377.
- Grassman, L.I., A.M. Haines, J.E. Janecka, and M.E. Tewes. 2007. Activity periods of photo-captured mammals in north central Thailand. *Mammalia* 70:306-309.
- Janecka, J.E., T.L. Blankenship, D.H. Hirth, C.W. Kilpatrick, L.I. Grassman, and M.E. Tewes. 2007. Evidence for male-biased dispersal in bobcats using relatedness analysis. *Wildlife Biology* 13:38-47.
- Janecka, J.E., C.W. Walker, M.E. Tewes, A. Caso, L.L. Laack, and R.L. Honeycutt. 2007. Phylogenetics of ocelot from the Tamaulipan Biotic Province and implications for ocelot recovery. *The Southwestern Naturalist* 52:89-96.
- Janecka, J.E., L.I. Grassman Jr., R.L. Honeycutt, W. Eiadthong, and M.E. Tewes. 2007. The use of whole genome amplified DNA for sequencing and applications to conservation genetics. *Journal of Wildlife Management* 71:1357-1360.
- Blankenship, T.L., A.M. Haines, M.E. Tewes, and N.J. Silvy. 2006. Comparing survival and cause-specific mortality between resident and transient bobcats *Lynx rufus*. *Wildlife Biology* 12:297-303.
- Grassman, L.I., J.E. Janecka, S.C. Austin, M.E. Tewes, and N.J. Silvy. 2006. Chemical immobilization of free-ranging dhole (*Cuon alpinus*), binturong (*Arctis binturong*), and yellow-throated marten (*Martes flavigula*) in Thailand. *European Journal of Wildlife Research* 55:297-300.

- Haines, A.M., J.E. Janecka, M.E. Tewes, L.I. Grassman, and P. Morton. 2006. The importance of private lands for ocelot *Leopardus pardalis* conservation in the United States. *Oryx* 40:90-94.
- Haines, A.M., L.I. Grassman, M.E. Tewes, and J.E. Janecka. 2006. Results of the first ocelot (*Leopardus pardalis*) monitored with GPS telemetry. *European Journal of Wildlife Research* 52:216-218.
- Haines, A.M., M.E. Tewes, L.L. Laack, J.S. Horne, and J.H. Young. 2006. Corrigendum: Habitat based population viability analysis of ocelots in southern Texas. *Biological Conservation* 136:326-327.
- Haines, A.M., M.E. Tewes, L.L. Laack, J.S. Horne, and J.H. Young. 2006. Habitat based population viability analysis of ocelots in southern Texas. *Biological Conservation* 132:424-436.
- Heilbrun, R.D., N.J. Silvy, M.J. Peterson, M.E. Tewes. 2006. Estimating bobcat abundance using automatically triggered cameras. *Wildlife Society Bulletin* 34:69-73.
- Janecka, J.E., T.L. Blankenship, D.H. Hirth, M.E. Tewes, C.W. Kilpatrick, and L.I. Grassman Jr. 2006. Kinship and social structure of bobcats (*Lynx rufus*) inferred from microsatellite and radio-telemetry data. *Journal of Zoology (London)* 269:494-501.
- Janecka, J.E., L.I. Grassman Jr., J.N. Derr, R.L. Honeycutt, W. Eiadthong, and M.E. Tewes. 2006. Rapid whole genome amplification of DNA from felids: applications for conservation genetics. *Wildlife Society Bulletin* 34:1134-1141.
- Grassman, L.I., Jr., M.E. Tewes, N.J. Silvy, K. Kreetiyutanont. 2005. Ecology of three sympatric felids in a mixed evergreen forest in north-central Thailand. *Journal of Mammalogy* 86:29-38.
- Grassman, L.I., Jr. M.E. Tewes, N.J. Silvy, and K. Kreetiyutanont. 2005. Spatial organization and diet of the leopard cat (*Prionailurus bengalensis*) in north-central Thailand. *Journal of Zoology, London* 266:45-54.
- Grassman, L.I., Jr., M.E. Tewes, and N.J. Silvy. 2005. Ranging, habitat use and activity patterns of binturong *Arctictis binturong* and yellow-throated marten *Martes flavigula* in north-central Thailand. *Wildlife Biology* 11:49-57
- Grassman, L.I., Jr., M.E. Tewes, N.J. Silvy, and K. Kreetiyutanont. 2005. Spatial ecology and diet of the dhole *Cuon alpinus* (Canidae, Carnivora) in north central Thailand. *Mammalia* 69:11-20.
- Grassman, L.I., Jr., M.E. Tewes, and N.J. Silvy. 2005. Armoring the Camtrakker camera-trap in a tropical Asian forest. *Wildlife Society Bulletin* 33:349-352.
- Grassman, L.I., Jr., A.M. Haines, M.E. Tewes, and N.J. Silvy. 2005. Stouffer wildlife timers as an index of vertebrate activity periods in a tropical forest. *Wildlife Society Bulletin* 33:1174-1177.
- Haines, A.M., M.E. Tewes, and L.L. Laack. 2005. Survival and sources of mortality in ocelots. *Journal of Wildlife Management* 69:255-263.
- Haines, A.M., M.E. Tewes, L.L. Laack, w.E. Grant, and J.H. Young. 2005. Evaluating recovery strategies for an ocelot population in the United States. *Biological Conservation* 126:512-522.
- Laack, L.L., M.E. Tewes, A.M. Haines, and J. Rappole. 2005. Reproductive life history of ocelots *Leopardus pardalis* in southern Texas. *Acta Theriologica* 50:505-514.

- Grassman, L.I., Jr. N. Sarataphan, M.E. Tewes, N.J. Silvy, and T. Nakanakrat. 2004. Ticks (Acari: Ixodidae) parasitizing wild carnivores in Phu Khieo Wildlife Sanctuary, Thailand. *Journal of Parasitology* 90:657-659.
- Grassman, L.I., Jr., K. Kreetiyutanont, M.E. Tewes, and N.J. Silvy. 2004. Translocation of a captive-raised leopard cat (*Prionailurus bengalensis*) in north central Thailand. *Natural History Bulletin of the Siam Society* 52:49-54.
- Grassman, L.I., Jr., S. C. Austin, M.E. Tewes, and N.J. Silvy. 2004. Comparative immobilization of wild felids in Thailand. *Journal of Wildlife Diseases* 40:575-578.
- Haines, A.M., L.I. Grassman, and M.E. Tewes. 2004. Survival of radiocollared adult leopard cats *Prionailurus bengalensis* in Thailand. *Acta Theriologica* 49:349-356.
- Harveson, P.M., M.E. Tewes, G.L. Anderson, and L.L. Laack. 2004. Habitat use by ocelots in south Texas: implications for restoration. *Wildlife Society Bulletin* 32:948-954.
- Cain, A.T., V.R. Tuovila, D.G. Hewitt, and M.E. Tewes. 2003. Effects of a highway and mitigation projects on bobcats in southern Texas. *Biological Conservation* 114:189-197.
- Heilbrun, R.D., N.J. Silvy, M.E. Tewes, M.J. Peterson. 2003. Using automatically-triggered cameras to individually identify bobcats. *Wildlife Society Bulletin* 31:748-755.
- Pence et al. 2003. Helminths of the ocelot from southern Texas. *Journal of Wildlife Diseases* 39:683-689.
- Harveson, L.A., M.E. Tewes, N.J. Silvy, and J. Rutledge. 2000. Prey use by mountain lions in southern Texas. *Southwestern Naturalist* 45:472-476.
- Shindle, D.B., and M.E. Tewes. 2000. Immobilization of wild ocelots with tiletamine and zolazepam in southern Texas. *Journal of Wildlife Diseases* 36:546-550.
- Walker, C.W., L.A. Harveson, M.T. Pittman, M.E. Tewes, and R.L. Honeycutt. 2000. Microsatellite variation in two populations of mountain lions (*Puma concolor*) in Texas. *The Southwestern Naturalist* 45:196-203.
- Harveson, L.A., B. Route, F. Armstrong, N.J. Silvy, and M.E. Tewes. 1999. Trends in populations of mountain lion in Carlsbad Caverns and Guadalupe Mountains National Park. *Southwestern Naturalist* 44:490-494.
- Shindle, D.B., and M.E. Tewes. 1998. Woody species composition of habitats used by ocelots (*Leopardus pardalis*) in the Tamaulipan Biotic Province. *Southwestern Naturalist* 43:273-279.
- Beltran, J.F., and M.E. Tewes. 1995. Immobilization of ocelots and bobcats with ketamine hydrochloride and xylazine hydrochloride. *Journal of Wildlife Diseases* 31:43-48.
- Pence, D.B., M.E. Tewes, D.B. Shindle, and D.M. Dunn. 1995. Notoedric mange in an ocelot (*Felis pardalis*) from southern Texas. *Journal of Wildlife Diseases* 31:558-561.
- Bluett, R.D., M.E. Tewes, and B.C. Thompson. 1989. Geographic distribution of commercial bobcat harvests in Texas, 1978-1986. *Texas Journal of Science* 41:379-385.
- Tewes, M.E. 1984. Opportunistic feeding by white-tailed hawks at prescribed burns. *Wilson Bulletin* 96:135-136.
- Tewes, M.E. 1984. Ground-nesting by barn owls. *Raptor Research* 18:36.
- Smith, J.H., D.S. Folse, E.G. Long, J.D. Christi, D.T. Crouse, M.E. Tewes, and others. 1983. Leprosy in wild armadillos (*Dasypus novemcinctus*) of the Texas Gulf Coast: epidemiology and mycobacteriology. *Journal of Reticuloendothelial Society* 34:75-88.

Proceedings

- Haines, A.M., L.I. Grassman, and M.E. Tewes. 2020. Ecological separation and coexistence in a carnivore community in north-central Thailand. *In* E. Do Linh San, J.J. Sato, J.L. Belant, and M.J. Somers (eds.). *Small Carnivores in Space and Time: Evolution, Ecology, Behaviour and Conservation*. Proceedings from the 11th International Mammalogical Congress (Belfast, Ireland, 11-16 August 2013). In press.
- DeYoung, R., J.D. Holbrook, M.E. Tewes, and J.H. Young. 2012. Using museums to inform management: Genetic insights into Texas mountain lion populations. Pages 30-32 in P.H. Dickerson and R.T. Gage, editors. *Proceedings of the Trans-Pecos Wildlife Conference-2012*. Sul Ross State University, Alpine, Texas. (M.S. student Holbrook)
- Holbrook, J. D., R. W. DeYoung, M.E. Tewes, and J.H. Young. 2011. Demographic history of mountain lions in Texas. Pages 97-103 *in* Williams, J., H. Robinson, and L. Sweenor, editors. *Proceeding of the 10th Mountain Lion Workshop*, May2-5, 2011. Bozeman, Montana, USA.
- Grassman, L.I., Jr., J. Janecka, and M.E. Tewes. 2006. Ecological separation of *Martes flavigula* with five sympatric mesocarnivores in north-central Thailand. Pages 63-76 in *Martes in carnivore communities: proceedings of the Fourth International Martes Symposium*, Lisbon, Portugal (Margarida Santos-Reis, Johnny D. S. Birks, Erin C. O'Doherty, Gilbert Proulx, eds.) Alpha Wildlife Publications, Sherwood Park, Alberta, Canada.
- Haines, A.M., A. Caso, M.E. Tewes, and E.J. Redeker. 2006. Using Landsat imagery to identify potential ocelot habitat in Tamaulipas, Mexico. *Proceedings of the 20th Biennial Workshop on Aerial Photography, Videography, and High Resolution Digital Imagery for Resource Assessment #71*, Weslaco, Texas, USA.
- Tewes, M.E., J.M. Mock, and J.H. Young. 2002. Bobcat predation on quail, birds, and mesomammals. Pages 65-70 in S.J. DeMaso, W.P. Kuvlesky, Jr., F. Hernandez, and M.E. Berger, eds. *Quail V: Proceedings of the Fifth National Quail Symposium* 5:65-70, Texas Parks and Wildlife Department, Austin, Texas, USA.
- Tewes, M.E., and R.W. Hughes. 2001. Ocelot management and conservation along transportation corridors in southern Texas. Pages 559-564 *in* G.L. Evink, editor. *Proceedings of the International Conference on Ecology and Transportation*, Keystone, Colorado, USA.
- Cain, A.T., V. R. Tuovila, D.G. Hewitt, and M.E. Tewes. 2000. Bobcat response to a highway expansion in southern Texas: Are habitat fragmentation and vehicle-caused mortalities a consequence and can they managed? Pages 89-90 *in* Terry A. Messmer, and Ben West, editors. *Proceedings of Wildlife and Highways: Seeking Solutions to an ecological and socio-economic dilemma*. The Wildlife Society 7th Annual Conference. Nashville, Tennessee, USA. (expanded abstract).
- Harveson, L.A., P.M. Harveson, M.E. Tewes, J.H. Everitt, D.E. Escobar, and M.R. Davis. 1999. Using aerial videography and satellite imagery to identify riparian habitats in southern Texas. 17th Biennial Workshop on Color Photography and Videography in Resource Assessment, American Society for Photogrammetry and Remote Sensing and Department of Environmental and Resource Sciences, University of Nevada-Reno, Reno, Nevada, May 5-7.

- Tewes, M.E., E. Redeker, and N. Cook. 1999. Utility of airborne multispectral video imagery to identify cover types used by ocelots. 17th Biennial Workshop on Color Photography and Videography in Resource Assessment, American Society for Photogrammetry and Remote Sensing and Department of Environmental and Resource Sciences, University of Nevada-Reno, Reno, Nevada, May 5-7.
- Tewes, M.E., G. Portes, and A. Caso. 1999. Management and conservation of wild cats in northeast Mexico. Pages 241-248 *in* W. Hamilton and C.J. Villareal, editors. Proceeding 4th Wildlife Conservation and Management. Universidad Autonoma Agraria "Antonio Navarro", Saltillo, Coahuila, Mexico.
- Hewitt, D.G., A. Cain, V. Tuovila, D.B. Shindle, and M.E. Tewes. 1998. Impacts of an expanded highway on ocelots and bobcats in southern Texas and their preferences for highway crossings. Pages 126-134 *in* G.L. Evink, P. Garrett, D. Zeigler, and J. Berry, editors. Proceedings of the International Conference on Wildlife Ecology and Transportation. FL-ER-69-98, Florida Department of Transportation, Tallahassee, Florida, USA.
- Tewes, M.E., and D.R. Blanton. 1998. Potential impacts of international bridges on ocelots and jaguarundis along the Rio Grande wildlife corridor. Pages 135-139 *in* G.L. Evink, P. Garrett, D. Zeigler, and J. Berry, editors. Proceedings of the International Conference on wildlife Ecology and Transportation. FL-ER-69-98, Florida Department of Transportation, Tallahassee, Florida, USA.
- Harveson, L.A., M.E. Tewes, N.J. Silvy, J. Rutledge, J.H. Everitt, G.L. Anderson, D.E. Escobar, I. Cavazos, and M.R. Davis. 1997. Using remote sensing to identify mountain lion habitat in south Texas. 16th Biennial Workshop on Videography and Color Photography in Resource Assessment. American Society for Photogrammetry and Remote Sensing and U.S.D.A. Subtropical Agricultural Research Laboratory. Weslaco, Texas, USA, April 29-May 1.
- Anderson, G.L., M. Bray, D. Griffin, P.K. McDowell, W. Swanson, and M.E. Tewes. 1997. Using remote sensing and GIS to map vegetation and determine ocelot habitat. 16th Biennial Workshop on Videography and Color Photography in Resource Assessment. American Society for Photogrammetry and Remote Sensing and U.S.D.A. Subtropical Agricultural Research Laboratory. Weslaco, Texas, April 29-May 1.
- Harveson, L.A., M.E. Tewes, N.J. Silvy, and J. Rutledge. 1996. Mountain lion research in Texas: past, present, and future. Proceedings of the 5th Mountain Lion Workshop. San Diego, California.
- Tewes, M.E., L.L. Laack, and A. Caso. 1995. Corridor management for ocelots in the United States and northern Mexico. Pages 444-446 *in* J.A. Bissonette and P.R. Krausman, eds. Integrating people and wildlife for a sustainable future. Proceedings of the first International Wildlife Management Congress. The Wildlife Society, Bethesda. Md. USA.
- Young, J.H., and M.E. Tewes. 1994. Evaluation of techniques for initial restoration of ocelot habitat. Proc. Annu. Conf. Southeast. Assoc. Fish and Wildlife Agencies. 31:336-342.
- Keener, J.M., and M.E. Tewes. 1994. Seed preferences of nongame birds in the Rio Grande Valley. Proc. Annu. Conf. Southeast. Assoc. Fish and Wildl. Agencies. 31:
- Tewes, M.E. 1994. Habitat connectivity: its importance to ocelot management and conservation. Pages 290-296 *in* A. Vega, ed. Conservation corridors in the Central

- American Region. Proceedings of the Paseo Pantera Regional Conference. Gainesville, Florida, USA.
- Navarro-Lopez, L.D., J.H. Rappole, and M.E. Tewes. 1993. Distribution of the endangered ocelot (*Felis pardalis*) in Texas and northeastern Mexico. Pages 157-169 in R.A. Medellin, and G. Ceballos, eds. *Avances en el Estudio de los Mamiferos de Mexico*. Publicaciones Especiales, Vol. 1. Asociacion Mexicana de Mastozoologia, A.C. Mexico, D.F.
- Tewes, M.E., L.L. Laack, A. Caso, and G.T.M. Schildwachter. 1993. Corridor management for ocelots in the United States and northeast Mexico. Proceeding International Wildlife Management Congress, 1993, Heredia, Costa Rica.
- Tewes, M.E. 1991. Endangered species and the design of reserves. Proceedings Intl. Symp. On Wildlife, SEDUE II, Ciudad Victoria, Mexico.
- Bluett, R.D., M.E. Tewes, and B.C. Thompson. 1989. Bobcat pelt quality and temporal distribution of harvest in Texas. Proceedings Annual Conference Southeastern Association of Fish and Wildlife Agencies 43:466-469.
- Tewes, M.E., D.J. Schmidly. 1987. The Neotropical felids: jaguar, ocelot, margay, and jaguarundi. Pages 697-712 in *Wild Furbearer Management and Conservation in North America* (M. Novak, J.A. Baker, M.E. Obbard, and B. Malloch, eds.). Ministry of Natural Resources, Ontario, 1,150 pp.
- Tewes, M.E., and S.D. Miller. 1987. Future research needs for the ocelot in Texas. Pages 164-166 in *Proceedings of the 3rd Southeastern Nongame and Endangered Wildlife Symposium* (R.R. Odom, K.A. Riddleberger, and J.C. Ozier, eds.). Georgia Dept. of Nat. Resources, Athens, Georgia, 253 pp.

Book Chapters/Reviews

- Tewes, M.E., and M.G. Hornocker. 2008. Effects of drought on bobcats and ocelots. Pages 123-138 in *Wildlife Science: Linking Ecological Theory to Management Applications* (T. Fulbright and D. Hewitt, eds.), CRC Press, Boca Raton, FL.
- Tewes, M.E. 2002. Desert puma: evolutionary ecology and conservation of an enduring carnivore. *Journal Wildlife Management* (book review).
- Rappole, J.H., D. Navarro-Lopez, M. Tewes, and D. Everett. 1986. Remote-trip cameras as a means for surveying for nocturnal felids. Pages 45-52 in *Nocturnal mammals: techniques for study* (R.P. Brooks, ed.). School of Forest Resources Papers, Pennsylvania State Univ., University Park, 48:1-57.
- Tewes, M.E., and D.D. Everett. 1986. Status and distribution of the endangered ocelot and jaguarundi in Texas. Pages 147-158 in *Cats of the World: Biology, Conservation, and Management* (S.D. Miller, and D.D. Everett, eds.). National Wildlife Federation, Washington, D.C., 501 pp.

Scientific Presentations

Number of scientific presentations since 1986 through 2024: 448.
(Details of the presentations can be provided upon request.)

Contributed Research Presentations in 2024: **Total-11; 2–international and national; 3-regional; 6-state**

Presentations (2024)

International

Scognamillo, D.S., C.Comer, and M.E. Tewes. (2024). Leopards population estimates for Botswana. 11th African Wildlife Consultative Forum, Cape Town, Africa. (International)

Yamashita, T.J., Scognamillo, D.G., Ryer, K.W., Kline, R.J., Tewes, M.E., Young Jr., J.H., Lombardi, J.V. (2024). Using mammal wildlife crossing use to inform ocelot conservation in the USA. *North American Congress on Conservation Biology*. Vancouver, BC, Canada. June 2024 (International)

National

Yamashita, T.J., Scognamillo, D.G., Ryer, K.W., Kline, R.J., Tewes, M.E., Young Jr., J.H., Lombardi, J.V. (2024). Using mammal wildlife crossing use to inform ocelot conservation in the USA. *American Society of Mammalogists Annual Meeting*. Boulder, CO. June 2024 (National)

Regional

Yamashita, T.J., Wester, D.B., Wardle, Z.M., Scognamillo, D.G., Schofield, L.R., Tewes, M.E., Young Jr., J.H., Lombardi, J.V. (2024). Influence of traffic volume on the carnivore community within the road effect zone. *Texas Society of Mammalogists Meeting*. Junction, TX. February 2024 (Regional)

Vasquez, H., Yamashita, T.J., Scognamillo, D.G., Tewes, M.E. (2024). Ocelot Dispersion and Guzzler Use on Laguna Atascosa National Wildlife Refuge. *Texas Society of Mammalogists Meeting*. Junction, TX. February 2024 (Regional)

Stephens, W., Yamashita, T.J., Scognamillo, D.G., Comer, C., Tewes, M.E. (2024). Spatial and Temporal Responses of Small Cats to the Presence of Big Cat Species in Central Botswana. *Texas Society of Mammalogists Meeting*. Junction, TX. February 2024 (Regional)

State

Yamashita, T.J., Wester, D.B., Wardle, Z.M., Scognamillo, D.G., Schofield, L.R., Tewes, M.E., Young Jr., J.H., Lombardi, J.V. (2024). Influence of traffic volume on the carnivore community within the road effect zone. *Texas Chapter of The Wildlife Society Annual Meeting*. Houston, TX. February 2024 (State)

Scognamillo, D.G., Yamashita, T.J., Young Jr., J.H., Tewes, M.E. (2024). Monitoring highway mitigation structures for ocelots and bobcats. *Texas Chapter of The Wildlife Society Annual Meeting*. Houston, TX. February 2024 (State)

Vasquez, H., Yamashita, T.J., Scognamillo, D.G., Tewes, M.E. (2024). Ocelot Dispersion and Guzzler Use on Laguna Atascosa National Wildlife Refuge. *Texas Chapter of The Wildlife Society Annual Meeting*. Houston, TX. February 2024 (State)

Stephens, W., Yamashita, T.J., Scognamillo, D.G., Comer, C., Tewes, M.E. (2024). Spatial and Temporal Responses of Small Cats to the Presence of Big Cat Species in Central Botswana. *Texas Chapter of The Wildlife Society Annual Meeting*. Houston, TX. February 2024 (State)

Tewes, M.E., Yamashita, T.J. Scognamillo, D.G., Grunwald, E., Langschied, T. (2024). Understanding Ocelot Road Ecology in South Texas – Past, Present, and Future. *Texas Department of Transportation Environmental Conference*. Corpus Christi, TX. September 2024 (State)

Brookover, E., Black, T., Grunwald, E., Langschied, T., Martin, A., Scognamillo, D., Stephens, W., Vasquez, H., Yamashita, T., Young Jr., J., Tewes, M. (2024). Total Ocelot Inventory: Genetic Monitoring to Inform Ocelot-Transportation Ecology and Conservation Decision-making. *Texas Department of Transportation Environmental Conference*. Corpus Christi, TX. September 2024 (State)

Scientific Presentations History – 438 since 1987

2024- 11

2023-10

2022-21	2016-10	2010-18	2004-21	1998-7	1992-6
2021-35	2015-15	2009-13	2003-13	1997-17	1991-8
2020-19	2014-7	2008-8	2002-9	1996-5	1990-2
2019-33	2013-8	2007-14	2001-4	1995-10	1989-6
2018-7	2012-16	2006-14	2000-7	1994-7	1988-4
2017-29	2011-13	2005-13	1999-9	1993-3	1987-6

Grantsmanship

Overall Grantsmanship: \$15,891,450 (through 2024)

(Details of the grants can be provided upon request.)

External Grants

Total: \$14,825,840 (1986-2024)

2024: \$4,154,909

2023: \$4,074,223

2022: \$606,625	2009: \$57,500	1996-1997: \$204,500
2021: \$508,750	2008: \$305,345	1995-1996: \$136,400
2020: \$387,891	2007: \$57,300	1994-1995: \$193,000
2019: \$549,572	2006: \$44,000	1993-1994: \$211,808
2018: \$374,349	2005: \$30,500	1992-1993: \$75,000
2017: \$510,220	2004: \$128,540	1991-1992: \$123,300
2016: \$175,500	2003: \$105,500	1990-1991: \$111,950
2015: \$186,000	2002: \$96,868	1989-1990: \$57,000
2014: \$138,000	2001: \$117,000	1988-1989: \$75,950
2013: \$178,670	2000: \$139,892	1987-1988: \$76,152
2012: \$226,974	1999: \$109,315	1986-1987: \$18,400
2011: \$143,600	1998: \$65,645	
2010: \$357,525	1997-1998: \$109,917	

Undated, 1993-1997: \$100,000+ for Ocelot Genetics Project

Internal Support

Total: \$461,304 (through 2024)

2024: \$10,000

2023: \$10,000

2022: \$10,000

2021: \$10,000

2020: \$7,000

2019: \$7,000

2018: \$7,000

2017: \$5,000

2016: \$5,000

2015: \$5,000

2014: \$5,000

2013: \$9,797

2012: \$12,000

2011: \$20,500

2010: \$53,000

2009: \$33,000

2008: \$19,000

2007: \$25,000

2006: \$7,000

2005: \$18,000

2004: \$43,000

2003: \$48,000

2002: \$24,000

1997-2001: \$75,000

In-Kind Support

Total: \$604,306 (through 2024)

2024: \$20,000

2023: \$25,000

2022: \$20,000

2021: \$35,000

2020: \$5,000

2019: \$70,000

2018: \$5,000

2017: \$5,000

2016: \$27,000

2015: \$10,000

2014: \$26,000

2013: \$31,000

2012: \$33,000

2011: \$50,000

2010: \$32,000

2009: \$45,000

2008: \$35,000

2007: \$45,000

2006: \$20,000

2005: \$23,000

2004: \$23,000

2003: \$5,000

2002: \$8,000

2001: \$10,000

1995-2000: (not recorded)

1993-1994: \$19,250

1992-1993: \$28,000

Professional Societies

The Wildlife Society

Southwest Section of The Wildlife Society

Texas Chapter of The Wildlife Society

Cat Specialist Group, Species Survival Commission of the Intl Union for Conservation of Nature

American Society of Mammalogists

Texas Society of Mammalogists

Southwestern Association of Naturalists

Leadership in Professional Societies

Member, Federal Ocelot Recovery Team II (2003-Present)

Leader- Federal Ocelot Recovery Team I (1992-2002)

President- Texas Society of Mammalogists

President- Texas Organization for Endangered Species

Secretary-Treasurer, Southwest Section of The Wildlife Society (6 years)

Board of Directors- Wild Felid Association

Coordinator- Ocelot Translocation Working Group

Professional Committees

I have served on at least thirty-six (36) professional committees, including chair on thirteen (13) committees.

Awards and Honors

Honorary Alumni Award for National and International Achievements, College of Natural Resources, University of Idaho, Mar. 2023

Educator of the Year Award, Texas Chapter of The Wildlife Society, Feb. 2020

Best Popular Article Award, Texas Chapter of The Wildlife Society, Feb. 2020

Selected as the 37 Annual Faculty Lecture Texas A&M University-Kingsville, Apr. 8, 2019

Honorary Membership Award, Texas Society of Mammalogists, Feb. 2018

Best Popular Article Award, The Wildlife Professional-TWS, TX Chap. of The Wildlife Soc., 2018

Best Scientific Article Award, Texas Chapter of The Wildlife Society, 2016

Outstanding Service Award, Texas Chapter of The Wildlife Society Feb. 22, 2013

Publication Award, Texas Chapter of The Wildlife Society, Feb. 22, 2013

Publication Award- "George Miksch Sutton Award in Conservation Research," Southwestern Association of Naturalists, Apr. 2010.

Holder, The Frank Daniel Yturria Endowed Chair for Wild Cat Studies, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville. Sep. 2008 to Present.

Regents Professor, by the Board of Regents, the Texas A&M University System, 2007 to Present.

Mid-Career Alumni Achievement Award, College of Nat Resources, Univ. of Idaho, Apr. 2008.

Publication Award- "Best Scientific Article" for "Ecology of three sympatric felids in a mixed evergreen forest in north-central Thailand. Journal of Mammalogy 86:29-38." Texas Chapter of The Wildlife Society, South Padre Island, Feb. 2006

Invited speaker at the Coastal Bend Photo Contest Banquet - gave tribute to Dr. Lynn Drawe, Director, Welder Wildlife Refuge, Oct. 2006

Senior Researcher Award, College of Agri. & Human Sciences, Texas A&M-Kingsville, 2004

Publication Award, Texas Chapter of The Wildlife Society, Tyler, Mar. 2003

Invited as Plenary Speaker for the 37th Annual Meeting of the Texas Chapter of The Wildlife Society, Mar. 2002

Invited as Plenary Speaker for the 6th Mountain Lion National Conference, 2000

Javelina Alumni Association's Distinguished Research Award, Texas A&M University- Kingsville, May 1997

The Lotty Award, Endangered Species Conservation Federation, Aug. 1992

Conservation Award, U.S. Committee of the United Nations Environment Programme, Capitol Hill, Washington, D.C., Sep. 1991

Chevron Conservation Award, Washington, D.C., May 1991

Wildlife Conservationist of the Year, Sportsmen Conservationists of Texas, Austin, Apr. 1991

Publication Award, Texas Chapter of The Wildlife Society, Tyler, Apr. 1991

1st Recipient of Faculty Service Award, College of Agriculture and Human Sciences, Texas A&M University at Kingsville, 1991

Keynote speaker for the Texas Mammal Society Annual Conference, 1988

Certified Wildlife Biologist, The Wildlife Society, Washington, D. C., Apr. 1981