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Regents Professor, Texas A&M University System  
The Frank D. Yturria Endowed Chair in Wild Cat Studies  
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**EDUCATION**

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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**

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

## SCIENTIFIC PUBLICATIONS

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### *Journal Articles*

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<sup>+</sup>, S Carvajal<sup>+</sup>, Lombardi JV<sup>+</sup>, 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<sup>+</sup>, TJ Yamashita<sup>+</sup>, 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–



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/i/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

- 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





- th 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 Hobbrook)
- 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. Swenor, editors. Proceeding of the 10<sup>th</sup> 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 20<sup>th</sup> 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.





- 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 5<sup>th</sup> 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*

- 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.

## Awards and Honors

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- 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 37<sup>th</sup> Annual Meeting of the Texas Chapter of The Wildlife Society, Mar. 2002
- Invited as Plenary Speaker for the 6<sup>th</sup> 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  
 1<sup>st</sup> 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

## Scientific Presentations

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Number of scientific presentations since 1986 through 2023: 433

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

2023-6

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

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Overall Grantsmanship: \$12,155,271 (through 2023)

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

### *External Grants*

Total: \$10,670,931 (1986-2023)

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*

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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





Genetic and population structure of mountain lions in Texas.  
 Comparison of historic and contemporary genetic variability of mountain lions.  
 Estimate the effective population size of mountain lions in western and southern Texas.

### *Jaguarundi*

Home range, habitat use, and activity patterns of jaguarundi in Mexico.  
 Genetic variability and population structure of jaguarundi in Mexico.  
 Sedation techniques and protocols of free-ranging jaguarundi.

### *Thailand and Taiwan Cats*

Leopard cat ecology in Thailand.  
 Leopard cat survival rates in Southeast Asia.  
 Comparative ecology of clouded leopard, Asiatic golden cat, and marbled cat in Thailand.  
 Development of sedation protocols for 4 species of Thailand cats.  
 Home range overlap of binturong, yellow-throated marten, and dhole with Thai cats.  
 Genetic variability and potential inbreeding of 3 rare felids in Thailand.  
 Photo capture, habitat use, and activity patterns of 4 species of civet cats in Taiwan.

### Leopard

Country-level population estimate for leopards in Botswana, Southern Africa

### Jungle Cat

Occupancy of jungle cats in the Hula Valley and Jordan River Corridor of northern Israel

## Service

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### *Outreach and Education*

#### *Popular Presentations*

Popular presentations to technical and non-technical audiences: 189 (through 2013)  
 (Details of the popular presentations can be provided upon request)

2013-8	2007-5	2001-10	1995-3	1989-14
2012-11	2006-7	2000-5	1994-7	1988-8
2011-9	2005-11	1999-3	1993-7	1987-7
2010-15	2004-4	1998-NA	1992-7	
2009-7	2003-0	1997-2	1991-8	
2008-13	2002-6	1996-NA	1990-12	

#### *Popular Articles*

Popular articles (35) to semi-technical and lay audiences. (through 2011)

#### *Consultantships on Endangered Cats*



Provided affidavit, deposition, and expert court testimony in litigation involving a bobcat harvest dispute between the Michigan Bear Hunters Association and the state of Michigan (Lansing, Michigan; Nov 2005)

Texas Railroad commission Hearing, Austin; on permit examination regarding controversial coal mine near Eagle Pass, Texas.

Affidavit, Law Firm in Washington, D.C.; intracoastal dredge dumping issue in coastal Texas.

Federal Court Testimony, Pecos, Texas; trial involving international smuggling of wild cat skins.

Consultantships Request for expert consultation on endangered ocelots occurred either by or for the following agencies:

#### *Federal*

U.S. Fish & Wildlife Service

Office of Endangered Species

Office of Scientific Authority

Cooperative Wildlife Research Units

Division of Ecological Services

Department of Defense

U.S. Army Corp of Engineers

U.S. Bureau of Land Management

U.S. Bureau of Reclamation

U.S. Department of Agriculture

U.S. Soil Conservation Service

Division of Refuge System

Division of Realty and Acquisition

Division of Law Enforcement

Animal Damage Control

Federal Aviation Administration

International Boundary and Waters  
Commission

#### *State*

Texas Parks and Wildlife Department

Texas Department of Agriculture

Texas Department of Highways

Texas General Land Office

#### *Private*

Private Environmental or Engineering Consulting Firms (M. Tewes served as subcontractor)

Blanton and Associate (Austin)

Hicks and Company (Austin)

Horizon Company (Austin)

Mariah Company (Austin)

Albert Halff Associates (Dallas)

International Society for Endangered Cats

International Union for the Conservation of Nature & Natural Resource

Naismith Engineering (Corpus Christi)

Castillo Engineering (Kingsville)

Parsons Engineering (Houston)

Bechtel Engineering (San Francisco)

Michigan Bear Hunters Association

High Road, Inc.

#### *University Committees*

Summary of Committee-Years (1 committee for 1 year) (updated Jan 2010):

Number of "committee-years": 130

university level:33

college level:36

departmental:61

*University Level*

Honorary Degree Committee (chair 2008-10, member 1993-94)

Regents Professor Selection Committee (chair 2008, member 2009, 2010)

Faculty Developmental Leave Committee (chair 2008-09, member 2007-08, 2009-10)

President's Senior Faculty Advisory Committee (member 2008-09)

Advisory Committee for Faculty Tenure Appeals (chair 2008)

Selection Committee for Head Librarian (member 2007-08)

University Promotion Committee (member 2002, 2005, 2006)

Annual Faculty Lecture Committee, Member (2004-05)

University Research Council (chair, 2002-04)

Faculty Senate Grievance Committee (1995-97)

Institutional Animal care and Use Committee (chair 1994-95, 1987-1995)

Traffic Appeals Committee (member 1990-93)

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Manager and Coach, National Little League Baseball (T-ball)  
Coach, Girls Basketball, Boys and Girls Club, Kingsville (ages 11-12)  
Judged several elementary and middle school science fairs  
Presentations to several classes, school groups, scout groups....  
Member, King High School Band Booster Club  
Member, Girl Scouts of America

## Committees

Chair-Awards Committee  
Chair-Nominations Committee  
Chair-Program Committee  
Chair-Local Arrangements Committee  
Member-Future Directions Committee  
Member-Steering Committee  
Member-Endangered Species Act Committee  
Member-Animal Technical Committee  
Member-Communities Technical Committee  
Member-Plant Technical Committee  
Member-Animal Technical Committee  
Member-Communities Technical Committee

## *Media Coverage*

*Television (28 different programs or segments)*

1997-2007

Texas Country Reporter (May 07)

South African film crew visited and developed piece for Nature Program in Africa (Feb 07)

TV piece: Channel 10 (CBS) in Corpus Christi about CKWRI 25<sup>th</sup> Anniv. (Moore tape) (2006)

TV Interview: Channel 3 (ABC) in Corpus Christi regarding Dr. Drawe Tribute (Calallen) (06)

TV Interview: Channel 10 (CBS) in Corpus Christi regarding Dr. Drawe Tribute (Calallen) (06)

Corpus Christi station  
Rio Grande Valley station

*Magazine articles (by external authors)*

*Smithsonian*. Not a lot of ocelots. (June 2002)

*Audubon*. The ghost cat's ninth life. (July-August, 2000) (p. 71-77)

*Texas Parks and Wildlife Magazine*. Rare beauty of the thornshrub. (2000) (p. 15)

*National Wildlife Magazine*. Cat on the spot. (June/July, 1994) (32:34-37)

*Sports Afield*. The wild cats of North America. (July, 1993)

*Discovery Magazine*. Land of five cats. (fall, 1993)

*National Geographic*. Photo with caption about M. Tewes and Texas A&I Univ. (June, 1985)

*National Wildlife Magazine*. (ca. 1983)

*Texas Monthly Magazine*. Phantom cat of the Valley. (June, 1983)

*Audubon*. Creatures Column- endangered small wild cats. (May, 1983)

*Southern Living*

*Garbage Recycling Magazine*

*Defenders of Wildlife*

*Ranger Rick* (children's wildlife magazine)

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- John Hillis Young, Jr. 1992. Development of techniques to establish thorn shrub seedlings for restoration of ocelot habitat. (M.S., Aug. 1992)
- Jon Michael Keener. 1990. Focal attraction of nongame birds in the Rio Grande Valley. (M.S., Dec. 1990)

