THERESA MARIE LAVERTY

New Mexico State University
Department of Fish, Wildlife and Conservation Ecology
2980 South Espina Street, Knox Hall 132
Las Cruces, NM 88003 USA

tlaverty@nmsu.edu
+1 (609) 515-3953
www.LavertyLab.org
Github.com/LavertyLab

RESEARCH & TEACHING INTERESTS

Vertebrate ecology and conservation, population and community ecology, food web ecology, dryland ecology and management, demographic modeling, bibliometics

EDUCATION

Ph.D. in Fish, Wildlife, and Conservation Biology, Colorado State University 2019
Bats, elephants, and their food: A conservation perspective on trophic interactions in the Namib Desert
Dissertation Advisor: Joel Berger

B.A. in Ecology and Evolutionary Biology, Princeton University 2010
Niche overlap in the diets of three Amazonian caiman species
Thesis Advisor: Andrew P. Dobson

PROFESSIONAL APPOINTMENTS

Assistant Professor, New Mexico State University 2023-Present
Department of Fish, Wildlife and Conservation Ecology

Postdoctoral Scholar, University of Chicago 2021-2022
Department of Ecology and Evolution

Postdoctoral Scholar, Colorado State University 2019-2021
Department of Fish, Wildlife and Conservation Ecology

GRANTS IN SUPPORT OF RESEARCH, TEACHING, & TRAINING

1. New Mexico Department of Wildlife. *"Acoustic surveys of bat species of greatest conservation need within wind energy-impacted landscapes of New Mexico"* ($114,066; PI: TM Laverty; 2027-2029).
2. New Mexico State University. *"Tracking tiny flying creatures: quantifying the use of agricultural fields and an agrivoltaics system by bats, birds, and dragonflies in southern New Mexico"*($24,838; PI: TM Laverty, Co-PIs: CS Bundy, K Bowers, AC Young; 2026-2027).
3. National Science Foundation. *"LTER: Advancing ecological understanding of drylands through integrated research at the Jornada Basin (JRN-8)"* ($7,649,997 [3% credit]; PI: NP Hanan, Co-PIs: BT Bestelmeyer, S Bestelmeyer, SC Reed, OE Sala, DM Browning, F Garcia-Pichel, TM Laverty, GE Maurer, ME Mauritz, GS Okin, N Pietrasiak, AL Romero-Olivares, RL Schooley, ER Vivoni; 2025-2031).
4. Arizona Game and Fish Department. *"Movement ecology of bats with Motus"* ($100,000; PI: TM Laverty; 2025).
5. Bureau of Land Management. *"Identifying barriers to pronghorn (Antilocapra americana) habitat connectivity in southwestern New Mexico in relation to rangeland management and renewable energy development"* ($502,843 [30% credit]; PI: JW Cain, Co-PIs: JK Frey, TM Laverty; 2024-2028).
6. National Science Foundation. *"BRC-BIO: The interactive effects of bats and insects on shrub encroachment dynamics in the Chihuahuan Desert"* ($497,568; PI: TM Laverty; 2024-2027).
7. National Park Service. *"Determining activity patterns within and seasonal movements between protected areas in the southwest borderlands for bats of greatest conservation need"* ($54,884; PI: TM Laverty; 2024-2026, with an additional $42,500 awarded in 2025).
8. U.S. Department of Agriculture National Institute of Food and Agriculture. *"Current and Future Issues of Southwestern Ecosystem Structure and Function"* ($90,000 [13% credit]; PI: TM Laverty, Co-PIs: F Abadi, WJ Boeing,

KE Bowers, CS Bundy, MJ Desmond, JK Frey, S Fuentes-Soriano, M Garbowksi, ME Gompper, NP Hanan, O Hernández-Gómez, ZB Klein, RA Ramirez, AC Young; 2024-2028).

9. Bureau of Land Management. *"Influence of Wind Energy Development on Medium and Large Mammals"* ($248,609 [50% credit]; PI: JK Frey, Co-PI: TM Laverty; 2023-2025, with an additional $5,800 awarded in 2024).
10. National Geographic Society. *"Coding for conservation: Quantitative training for the next generation of environmental leaders in Madagascar"* ($25,000; PI: CE Brook, Team Members: AF Andrianiaina, E Cornelius Ruhs, TM Laverty, O Razafindramatsima; 2022-2023).
11. New Mexico Department of Game and Fish. *"Seasonal abundance, population structure, and diet of long-nosed bats in southwestern New Mexico in relation to contemporaneous food availability"* ($49,839; PI: K Stoner, Co-PI: TM Laverty; 2020-2022).
12. Grants for Graduate Research: National Science Foundation Graduate Research Fellowship, Bat Conservation International Student Research Scholarship for Global Bat Conservation Priorities, National Geographic Society Young Explorers Grant, Sigma Xi Grant-In-Aid of Research, The Explorers Club Exploration Fund, University of Montana (Fred H. Mass Scholarship, Danny On Memorial Scholarship, George and Mildred Cirica Graduate Student Support Fund [declined due to university transfer]), and Colorado State University (Eugene Decker Fellowship, Hill Memorial Fellowship, WCNR Student Success Scholarship) (Total: $149,450; 2013-2019).
13. Grants for Undergraduate Research: Princeton University (John T. Bonner Senior Thesis Fund and the Dean of the College Fund for undergraduate senior thesis research) (Total: $7,800; 2009).

PUBLICATIONS & SCHOLARLY COMMUNICATION

Advisees: [GS]Graduate student, [UG]Undergraduate student; [*]Co-first author, [†] Co-senior author

Preprints & Manuscripts in Review or in Revision

1. Cooper MC, LaRue ZBT, Boeing WJ, **Laverty TM**, Fernald AG, Geli HME, Jones KW. Water conservation attitudes and behaviors in the arid southwestern United States. *In revision*, *Sustainable Water Resources Management*.
2. [GS]Rohan IM, **Laverty TM**, Frey JK. Terrestrial mammals alter habitat use in response to turbine visibility at a central New Mexico wind energy facility. *In revision*, *Conservation Science and Practice*.

Peer-reviewed Publications & Book Chapters

1. Montauban C, Budinski I, Webala PW, **Laverty TM**, Tanshi I, Torrent L, Bakwo-Fils E, Taylor PJ, Kane A, Monadjem A. 2026. Underrepresentation of bats in Africa's protected areas. *Conservation Biology* 40(1):e70108. https://doi.org/10.1111/cobi.70108
2. Andrianiaina AF, Andry S, Kettenburg G, Ranaivoson HC, Lacoste V, Dussart P, Heraud J-M, **Laverty TM**, Guth S, Young KI, Andrianarimisa A, Brook CE. 2025. Diversity and seasonality of ectoparasite burden on two species of Madagascar fruit bat, *Eidolon dupreanum* and *Rousettus madagascariensis*. *Parasites & Vectors* 18(1):302. https://doi.org/10.1186/s13071-025-06805-z ***Data & Code:*** GitHub
3. Waag AG, Johnson JS, Schorr RA, Frick WF, **Laverty TM**, Neubaum DJ, Siemers JL, Treanor JJ, Reyes GA, Halstead BJ. 2025. Using passive integrated transponder (PIT) tags to monitor and research bats: applications, benefits, and limitations. *Journal of North American Bat Research* Special Issue 1:100–118. https://www.eaglehill.us/nabr-pdfs-special/nabr-008-Waag.pdf
4. **Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Ordóñez-García MC, Pérez-Harp S, Rivera-Villanueva AN, [GS]Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2025. Long-haul flights and migratory routes of a nectar-feeding bat. *Ecology* 106(4):e70067. https://doi.org/10.1002/ecy.70067 ***Data & Code:*** Zenodo
5. **Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Ordóñez-García MC, Pérez-Harp S, Rivera-Villanueva AN, [GS]Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-

Norzagaray AA, Frick WF. 2025. On the move: documenting long-distance flights of a nectar-feeding bat. *The Bulletin of the Ecological Society of America* 106(3):e70016. https://doi.org/10.1002/bes2.70016

6. Monadjem A, Montauban C, Webala PW, **Laverty TM**, Bakwo-Fils EM, Torrent L, Tanshi I, Kane A, Rutrough AL, Waldien DL, Taylor PJ. 2024. African bat database: curated data of occurrences, distributions and conservation metrics for sub-Saharan bats. *Scientific Data* 11(1):1309. https://doi.org/10.1038/s41597-024-04170-7 ***Data & Code:*** figshare

7. [*]Nelson-Olivieri JR, [*]Layden TJ, Antunez E, Khalighifar A, Lasky M, **Laverty TM**, Sanchez KA, Shannon G, Starr S, Verahrami AK, Bombaci SP. 2024. Inequalities in noise will affect urban wildlife. *Nature Ecology & Evolution* 8(1):163–174. https://doi.org/10.1038/s41559-023-02257-9 ***Data:*** Dryad ***Code:*** Zenodo

8. Wilkins K, Carroll SL, Davis KP, Hauptfeld R, Jones MS, Larson CL, **Laverty TM**, Pejchar L. 2023. Sexual harassment disproportionately affects ecology and evolution graduate students with multiple marginalized identities in the United States. *BioScience* 73(5):376–387. https://doi.org/10.1093/biosci/biad032

9. **Laverty TM**, Stoner KE. 2022. In search of bachelorettes: observations of male *Leptonycteris yerbabuenae* with dorsal patches across its range. *Therya* 13(2):163–170. https://doi.org/10.12933/therya-22-1146 ***Media:*** figshare

10. Mushabati LM, Eiseb SJ, Benda P, **Laverty TM**. 2022. Effects of lunar phase and temperature on bat activity and species richness at varying altitudes in the Kunene Region, Namibia. *African Journal of Ecology* 60(3):467–480. https://doi.org/10.1111/aje.12968

11. **Laverty TM**, Berger J. 2022. Indirect effects of African megaherbivore conservation on bat diversity in the world's oldest desert. *Conservation Biology* 36(2):e13780. https://doi.org/10.1111/cobi.13780 ***Data & Code:*** figshare

12. **Laverty TM**, Teel TL, Gawusab AA, Berger J. 2021. Listening to bats: Namibian pastoralists' perspectives, stories, and experiences. *Journal of Ethnobiology* 41(1):70–86. https://doi.org/10.2993/0278-0771-41.1.70

13. Mans BJ, Kelava S, Pienaar R, Featherston J, de Castro MH, Quetglas J, Reeves WK, Durden LA, Miller MM, **Laverty TM**, Shao R, Takano A, Kawabata H, Moustafa MAM, Nakao R, Matsuno K, Greay TL, Evasco KL, Barker D, Barker SC.. 2021. Nuclear (18S-28S rRNA) and mitochondrial genome markers of *Carios* (*Carios*) *vespertilionis* (Argasidae) support *Carios* Latreille, 1796 as a lineage embedded in the Ornithodorinae: re-classification of the *Carios* sensu Klompen and Oliver (1993) clade into its respective subgenera. *Ticks and Tick-borne Diseases* 12(4):101688. https://doi.org/10.1016/j.ttbdis.2021.101688

14. [*]Aubry LM, [*]**Laverty TM**, [*]Ma Z. 2021. Impacts of COVID-19 on ecology and evolutionary biology faculty in the United States. *Ecological Applications* 31(2):e2265. https://doi.org/10.1002/eap.2265

15. Orlova MV, **Laverty TM**, Reeves WK, [UG]Gratton EM, Davies ML, Anisimov NV. 2020. New geographical and host record of bat ectoparasite *Steatonyssus* (*Steatonyssus*) *afer* Radovsky and Yunker, 1963 (Mesostigmata: Gamasina: Macronyssidae). *Acarologia* 60(4):951–958. https://doi.org/10.24349/acarologia/20204411

16. Reeves WK, **Laverty TM**, [UG]Gratton EM, Mushabati LM, Eiseb SJ. 2020. New national records for *Cyclopodia greeffi greeffi* (Diptera: Nycteribiidae) from the Kunene Region, Namibia, Africa. *Entomological News* 129(3):327–329. https://doi.org/10.3157/021.129.0311

17. Reeves WK, Mans BJ, Durden LA, Miller MM, [UG]Gratton EM, **Laverty TM**. 2020. *Rickettsia hoogstraalii* and a Rickettsiella from the Bat Tick *Argas transgariepinus*, in Namibia. *Journal of Parasitology* 106(5):663–669. https://doi.org/10.1645/20-46

18. **Laverty TM**, Berger J. 2020. Do bats seek clean water? A perspective on biodiversity from the Namib Desert. *Biological Conservation* 248:108686. https://doi.org/10.1016/j.biocon.2020.108686 ***Data & Code:*** Mendeley Data

19. **Laverty TM**. 2020. The Namib Desert and its bats. In: Goldstein MI, DellaSala DA, editors. *Encyclopedia of the world's biomes, vol. 2*. Oxford: Elsevier; p. 181–192. https://doi.org/10.1016/B978-0-12-409548-9.12011-1

20. Orlova MV, **Laverty TM**, Reeves WK, [UG]Gratton EM, Davies ML. 2020. The first finding of parasitic mite, *Parasteatonyssus nyctinomi* (Mesostigmata: Gamasina: Macronyssidae), in Namibia. *Journal of the South African Veterinary Association* 91(1):a2002. https://doi.org/10.4102/jsava.v91i0.2002

21. Orlova MV, **Laverty TM**, Reeves WK, [UG]Gratton EM, Davies ML. 2020. The first record of the spinturnicid mite *Spinturnix kolenatii* Oudemans, 1910 (Mesostigmata: Gamasina: Spinturnicidae) from the long-tailed serotine bat *Eptesicus hottentotus* A. Smith, 1833 (Chiroptera: Vespertilionidae) in Africa. *International Journal of Acarology* 46(3):160–164. https://doi.org/10.1080/01647954.2020.1731596

22. [*]Jimenez MF, [*]**Laverty TM**, Bombaci SP, Wilkins K, Bennett DE, Pejchar L. 2019. Underrepresented faculty play a disproportionate role in advancing diversity and inclusion. *Nature Ecology & Evolution* 3(7):1030–1033. https://doi.org/10.1038/s41559-019-0911-5

23. **Laverty TM**, Teel TL, Thomas REW, Gawusab AA, Berger J. 2019. Using pastoral ideology to understand human-wildlife coexistence in arid agricultural landscapes. *Conservation Science and Practice* 1(5):e35. https://doi.org/10.1111/csp2.35

24. Moldowan PD, **Laverty TM**, Emmans CJ, Stanley RC. 2016. Diet, gastric parasitism, and injuries of caimans (*Caiman*, *Melanosuchus*, and *Paleosuchus*) in the Peruvian Amazon. *South American Journal of Herpetology* 11(3):176–182. https://doi.org/10.2994/SAJH-D-16-00012.1

25. **Laverty TM**, Dobson AP. 2013. Dietary overlap between black caimans and spectacled caimans in the Peruvian Amazon. *Herpetologica* 69(1):91–101. https://doi.org/10.1655/HERPETOLOGICA-D-12-00031

AWARDS & FELLOWSHIPS

Awards

Outstanding Departmental Publication Award, Colorado State University — 2021
for the 2021 *Ecological Applications* article

Fellowships

National Science Foundation Graduate Research Fellowship — 2013-2018

COURSE DEVELOPMENT & TEACHING EXPERIENCE

Undergraduate Courses, New Mexico State University

FWCE 330: Natural History of the Vertebrates (2024-2026)
FWCE 355: Wildlife Management and Analysis (2025)
FWCE 431: Mammalogy (2024, 2026)

Graduate Courses, New Mexico State University

FWCE 531: Mammalogy (2024, 2026)
Intro to GitHub Workshop (2023)

Guest Lectures & Participation in Field Courses

New Mexico State University: FWCE 464: Management of Aquatic and Terrestrial Ecosystems (2026), FWCE 330: Natural History of the Vertebrates (2023)
University of British Columbia, Okanagan: BIOL_O 370: African Savannah Biology (2025)
Colorado State University: NR 300: Biological Diversity (2018, 2019, 2020), BZ 330: Mammalogy (2020), FW 455: Principles of Conservation Biology (2020), FW 370: Design of Fish and Wildlife Projects (2018), FW 104: Wildlife Ecology and Conservation (2017)
University of Montana: WILD 480: The Upshot: Applied Wildlife Management (2014, 2015), BIOO 101N: Montana Wildlife (2013)
Princeton University: EEB 380: Ecology and Conservation of African Landscapes field course (2012)

Teaching Assistant

Colorado State University: NR 300: Biological Diversity (2018, 2019), FW 370: Design of Fish and Wildlife Projects (2018)
University of Montana: WILD 480: The Upshot: Applied Wildlife Management (2014), BIOO 101N: Montana Wildlife (2013)
Princeton University: EEB 380: Ecology and Conservation of African Landscapes field course (2012)

STUDENT MENTORSHIP

Graduate Students Advised

Flor Calderón	NMSU	Wildlife and Fisheries Ecology	Ph.D.	In progress
Ryan Moore	NMSU	Wildlife and Fisheries Ecology	Ph.D.	In progress
Melanie Solis Alvarez *(Co-advisor: Wiebke Boeing)*	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	In progress
Matthew Becker *(Co-advisor: Jennifer Frey)*	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	In progress
Taylor Pichler	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	In progress
Brandi Stevenson	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	In progress
Holly Whited	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	2026
Iona Rohan *(Co-advisor: Jennifer Frey)*	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	2026

Students under my supervision have been awarded over $12,000 in grants and awards in support of their research, teaching, and outreach and been the recipients of the following fellowships- and grants to support their studies:

- JRN-LTER Graduate Research Fellowship (R Moore)
- Ecological Society of America's Forrest Shreve Student Research Award (T Pichler)
- Southwestern Association of Naturalists' Howard McCarley Student Research Grant (H Whited)

Doctoral Committee Service

Ryan Rimple	NMSU	Biology	Ph.D.	In progress
Mark Peyton	NMSU	Biology	Ph.D.	In progress

Masters Committee Service

Nick Sebastian	UIUC	Natural Resources & Environmental Sciences	M.S.	In progress
Charisa Bell	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	In progress
Ella Engelhard	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	In progress
Julia Nelson	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	2026
William Grooms	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	2025
Elizabeth Brock	NMSU	Water Science and Management	M.S.	2025
Samuel Martinez	NMSU	Fish, Wildlife and Conservation Ecology	M.S.	2024

External Thesis Examiner

Veli Monday Mdluli	University of the Free State QwaQwa (S. Africa)	Ph.D. Thesis Examiner	2024

SERVICE TO THE UNIVERSITY & PROFESSIONAL ORGANIZATIONS

New Mexico State University

2023-Present Institutional Animal Care and Use Committee

NMSU College of Agricultural, Consumer and Environmental Sciences

2025-2026 Connections & Engagement Initiative Committee

NMSU Department of Fish, Wildlife and Conservation Ecology

2026-Present	Seminar Committee
2024-Present	Undergraduate Curriculum Committee
2024	Search Committee, Chair of the Department of Fish, Wildlife and Conservation Ecology
2023-2024	Diversity, Equity, and Inclusion Committee

Jornada Basin LTER

2025-Present	Information Management Committee

Other Universities & Professional Organizations

2025-Present	State Wildlife Action Plan (SWAP) for New Mexico Core Team, New Mexico Department of Wildlife
2023-Present	Co-coordinator of Southern African bat assessments for the IUCN Red List
2022-Present	GBatNet Prioritizing Key Habitats and Species Conservation Working Group
2020-2024	NABat Emergence/Summer Colony Count Working Group
2023	Lesser Long-nosed Bat Post-Delisting Monitoring Plan Participant, U.S. Fish and Wildlife Service
2021-2022	Diversity, Equity, & Inclusion Committee, Ecology and Evolution Department, University of Chicago
2017-2019	Planning Committee Member, Northern Colorado & Wyoming chapter of Expanding Your Horizons—an annual STEM workshop for 6th through 8th grade girls
2017-2018	Dr. David Otis Speaker Series Selection Committee, Colorado State University
2017	Panel member, Colorado State University Info Session on the NSF Graduate Research Fellowship Program
2013-2014	Graduate Representative, Population Ecology Assistant Professor Search Committee, University of Montana
2014	Graduate Representative, Department of Ecosystem & Conservation Sciences Student Evaluation Committee, University of Montana

SERVICE AS A REVIEWER

***Ad hoc* journal referee (No. of reviews):** *Acta Chiropterologica* (5), *African Zoology* (1), *Biological Conservation* (2), *Biotropica* (2), *EcoHealth* (1), *Global Change Biology* (1), *Global Ecology and Biogeography* (3), *Herpetological Monographs* (1), *Human Dimensions of Wildlife* (7), *Journal of Arid Environments* (1), *Journal of Bat Research and Conservation* (1), *Journal of Mammalogy* (5), *Mammal Review* (1), *PLOS ONE* (1), *Proceedings of the Royal Society B: Biological Sciences* (2), *Scientific Reports* (1), *Sustainability* (2), *Urban Ecosystems* (2)

Other reviewer service: Bat Conservation International (8), National Geographic Society (17), The Red List of Mammals of South Africa, Lesotho and Swaziland (1, species status assessment)

SEMINARS, OUTREACH, & MEDIA APPEARANCES

Invited Seminars

2026	Angelo State University, Dept. of Biology
	University of Nevada, Las Vegas, School of Life Sciences
	National Park Service Natural Resources Stewardship and Science Directorate webinar
2024	Jornada Basin LTER Desert Ecology Short-Course
2023	Iowa State University, Dept. of Natural Resource Ecology and Management
	North American Bat Monitoring Program (NABat) Community of Practice call
	New Mexico State University, Dept. of Biology
2022	University of Illinois Urbana-Champaign, Program in Ecology, Evolution, and Conservation Biology
	New Mexico State University, Dept. of Fish, Wildlife and Conservation Ecology
2021	Bat Conservation International, Brown Bat Lunch series
	Rutgers University–New Brunswick, Graduate Program in Ecology and Evolution
	Society for Conservation Biology, Emerging Issues in Conservation series
	Indiana State University, Dept. of Biology

University of Northern Colorado, Dept. of Biology
2020 Boise State University, Dept. of Biological Sciences
Oak Ridge National Laboratory, Aquatic Ecology Group

Interviews & Media Appearances

2026 Public News Service
2025 KRQE News 13-Albuquerque, Bat Conservation International
2023 Nature Research Ecology & Evolution Community, Grist, The Wildlife Society, CSU Source
2021 Roan NEWS Magazine-Namibian Environment & Wildlife Society, CSU Source
2020 Nature Research Ecology & Evolution Community, CSU Source, PU Agriculture News, Diverse: Issues in Higher Education
2019 Nature Research Ecology & Evolution Community, CSU Source, Inside Higher Ed, Phys.org
2018 Rocky Mountain Public Broadcasting Station, The Conservation
2016 National Geographic Society
2013 Mongabay

CONFERENCE PRESENTATIONS

Advisees: [GS]Graduate student, [UG]Undergraduate student; [*]Presenter

Oral Presentations

1. [*GS]Calderón FA, **Laverty TM**. 2026. Assessing bat activity and movement before and after small-scale solar development in the Chihuahuan Desert. Annual Chihuahuan Desert Rangeland Research Center Field Day, Las Cruces, NM, USA.
2. [*GS]Pichler TR, **Laverty TM**. 2026. The effects of shrub encroachment on bats in the Chihuahuan Desert. Annual Chihuahuan Desert Rangeland Research Center Field Day, Las Cruces, NM, USA.
3. [GS]Whited HA, [*]**Laverty TM**. 2026. Nightly movements of lesser long-nosed bats at a northern maternity roost using the Motus tracking system. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
4. [*GS]Pichler TR, Bowers KE, Foster JT, **Laverty TM**. 2026. Effects of shrub encroachment on bat and arthropod dynamics in the Chihuahuan Desert. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
5. [*]Von Rotz MT, Davies ML, **Laverty TM**, Stoner KE. 2026. Color by echoes: heat map analysis of long-nosed bat acoustic activity at blooming Palmer's agave. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
6. [*GS]Calderón FA, **Laverty TM**. 2026. Effects of small-scale solar development on bat activity in the Chihuahuan Desert. 2026 Jornada Basin LTER Desert Ecology Short-Course, Las Cruces, NM, USA.
7. [*GS]Moore RM, **Laverty TM**. 2026. Do landscape-scale and insular playa wetland features influence desert bat community composition, foraging, and activity? 2026 Jornada Basin LTER Desert Ecology Short-Course, Las Cruces, NM, USA.
8. [*GS]Pichler TR, **Laverty TM**. 2026. Guild-specific responses of bats to shrub encroachment in the Chihuahuan Desert. 2026 Jornada Basin LTER Desert Ecology Short-Course, Las Cruces, NM, USA.
9. [*GS]Pichler TR, Bowers KE, **Laverty TM**. 2026. Does shrub encroachment change insectivorous bat activity in the Chihuahuan Desert? Ecological Society of America Annual Meeting 2026, Salt Lake City, UT, USA.
10. [*]**Laverty TM**, Gual-Suárez F, Medellín RA, Ordóñez-García MC, Pérez-Harp S, [GS]Stevenson BD, [GS]Whited HA. 2026. Nightly activity patterns of lesser long-nosed bats during the maternity season in the Sonoran Desert. 9th Tri-National Sonoran Desert Symposium, Ajo, AZ, USA.
11. [*GS]Whited HA, **Laverty TM**. 2026. Foraging movements of the lesser long-nosed bat using the Motus Wildlife Tracking System. 9th Tri-National Sonoran Desert Symposium, Ajo, AZ, USA.

12. *[GS]Becker MP, Frey JK, **Laverty TM**. 2026. Scat-based indices of mammal space use near wind turbines in central New Mexico rangelands. The 59th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Sedona, AZ, USA.

13. ***Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Ordóñez-García MC, Pérez-Harp S, Rivera-Villanueva AN, [GS]Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2026. Long-haul flights and migratory routes of a nectar-feeding bat. The 59th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Sedona, AZ, USA.

14. *[GS]Pichler TR, [UG]Vasquez SR, [UG]Diaz JK, [UG]Silva FP, [GS]Becker MP, **Laverty TM**. 2026. Guild-specific responses of bats to shrub encroachment in the Chihuahuan Desert. The 59th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Sedona, AZ, USA.

15. *Von Rotz MT, Davies ML, **Laverty TM**, Stoner KE. 2026. Sonic bloom: acoustic monitoring and heat map analysis of lesser long-nosed bat visitation to Palmer's agave. The 59th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Sedona, AZ, USA.

16. ***Laverty TM**. 2026. Lesser long-nosed bat tracking with Motus (plus other LEYE updates). Arizona Bat Working Group meeting, Sedona, AZ, USA.

17. *Davies ML, **Laverty TM**, Stoner KE. 2025. Adaptation in motion: diet and movement plasticity of lesser long-nosed bats in response to climate variability. 53rd North American Society for Bat Research Annual Symposium, Edmonton, Alberta, Canada.

18. *Davies ML, **Laverty TM**, Stoner KE. 2025. Adaptation in motion: diet and movement plasticity of lesser long-nosed bats in response to climate variability. The Wildlife Society's 32nd Annual Conference, Edmonton, Alberta, Canada.

19. ***Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Ordóñez-García MC, Pérez-Harp S, Rivera-Villanueva AN, [GS]Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2025. Using passive integrated transponders to track long-distance movements of a nectar-feeding bat. Ecological Society of America Annual Meeting 2025, Baltimore, MD, USA.

20. ***Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Ordóñez-García MC, Pérez-Harp S, Rivera-Villanueva AN, [GS]Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2025. Long-haul flights and migratory routes of a nectar-feeding bat. Western Bat Working Group Biennial Meeting 2025, San Diego, CA, USA.

21. *[GS]Rohan IM, **Laverty TM**, Frey JK. 2025. Evaluating the effects of wind energy developments on mule deer and pronghorn occupancy in central New Mexico rangelands. The 58th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Albuquerque, NM, USA.

22. *[UG]Becker MP, **Laverty TM**. 2024. Thermal tolerance of a big brown bat maternity colony. New Mexico Bat Working Group meeting, virtual.

23. *Davies ML, **Laverty TM**, Stoner KE. 2024. Navigating change: movement dynamics of lesser long-nosed bats in their northern range. 52nd North American Society for Bat Research Annual Symposium, Guadalajara, Jalisco, Mexico.

24. ***Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Ordóñez-García MC, Pérez-Harp S, Rivera-Villanueva AN, Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2024. Long-haul flights and migratory routes of a nectar-feeding bat. 52nd North American Society for Bat Research Annual Symposium, Guadalajara, Jalisco, Mexico.

25. *Davies ML, **Laverty TM**, Stoner KE. 2024. Navigating change: movement dynamics of lesser long-nosed bats in their northern range. The Wildlife Society's 31st Annual Conference, Baltimore, MD, USA.

26. *Zamora-Gutierrez V, **Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Heady III PA, Medellín RA, Pérez-Harp S, Rivera-Villanueva AN, Stevenson BD, Stoner KE, Wolf SA, Zavala-Norzagaray AA, Frick WF. 2024.

Tracking the migratory movements of the pollinating bat *Leptonycteris yerbabuenae* across North America. 16th European Bat Research Symposium, Tarragona, Catalonia, Spain.

27. **Laverty TM**, Buecher DC, Dalton DC, Davies ML, Gual-Suárez F, Heady III PA, *Medellín RA, Pérez-Harp S, Rivera-Villanueva AN, Stevenson BD, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2024. Rutas migratorias y conectividad en el murciélago tequilero, *Leptonycteris yerbabuenae*. IV Congreso Latinoamericano y del Caribe de Murciélagos, Cusco, Perú.
28. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2024. Long-distance movements of a migratory nectar-feeding bat. 8th Tri-National Sonoran Desert Symposium, Ajo, AZ, USA.
29. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2023. Where are my bats? Long-distance movements of a migratory nectar-feeding bat using passive integrated transponders. 3rd Chihuahuan Desert Conference, El Paso, TX, USA.
30. *Davies ML, **Laverty TM**, Stoner KE. 2023. Effects of drought on lesser long-nosed bat diet at the northern extent of its range. The Wildlife Society's 30th Annual Conference, Lexington, KY, USA.
31. ***Laverty TM**, Andrianiaina A, Andry A, Ranaivoson HC, Brook CE. 2023. Where are my bats? Determining roost occupancy of the Malagasy rousette using passive integrated transponders. 14th African Small Mammal Symposium, Swakopmund, Namibia.
32. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2023. Where are my bats? Long-distance movements of a migratory nectar-feeding bat using passive integrated transponders. New Mexico Bat Working Group meeting, virtual.
33. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2023. Where are my bats? Long-distance movements of a migratory nectar-feeding bat using passive integrated transponders. 13th International Mammalogical Congress, Anchorage, AK, USA.
34. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2023. Where are my bats? Long-distance movements of a migratory nectar-feeding bat using passive integrated transponders. Arizona Bat Working Group meeting, virtual.
35. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2023. Detecting long-distance movements of a migratory nectar-feeding bat using passive integrated transponders. New Mexico State University's Research and Creativity Week, Las Cruces, NM, USA.
36. ***Laverty TM**, Buecher DC, Cheng TL, Davies ML, Gual-Suárez F, Medellín RA, Pérez-Harp S, Stoner KE, Wolf SA, Zamora-Gutierrez V, Zavala-Norzagaray AA, Frick WF. 2023. Detecting long-distance movements of a migratory nectar-feeding bat using passive integrated transponders. The 56th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Farmington, NM, USA.
37. *Davies ML, **Laverty TM**, Wells CP, Stoner KE. 2022. Plasticity of the lesser long-nosed bat diet at the northern extent of its range. The Wildlife Society's 29th Annual Conference, Spokane, WA, USA.
38. *Wilkins K, Carroll SL, Davis KP, Hauptfeld R, Jones MS, Larson CL, **Laverty, TM**, Pejchar L. 2022. Sexual harassment disproportionately affects historically excluded graduate students in ecology and evolutionary biology. 2022 Joint Meeting of the Ecological Society of America and the Canadian Society for Ecology and Evolution, Montréal, Québec, Canada.
39. *Davies ML, **Laverty TM**, Wells CP, Stoner KE. 2022. Plasticity of the lesser long-nosed bat diet at the northern extent of its range. 2022 Joint Meeting of the 19th International Bat Research Conference and 50th North American Society for Bat Research, Austin, TX, USA.

40. [*]Cornelius Ruhs E, Sterling SL, Ranaivoson HC, Tso M, Kettenburg G, Andrianiaina A, Andry S, Ravelomanantsoa NAF, **Laverty TM**, Héraud JM, Laing ED, Brook CE. 2022. Seasonal patterns in the serology and reproductive cycle of Madagascar fruit bats. 3rd International Symposium on Infectious Diseases of Bats, Fort Collins, CO, USA.
41. Wilkins K, Carroll SL, Davis KP, Hauptfeld R, [*]Jones MS, Larson CL, **Laverty TM**, Pejchar L. 2022. Sexual harassment disproportionately affects historically excluded graduate students. 6th North American Congress for Conservation Biology, Reno, NV, USA.
42. Wilkins K, Carroll SL, Davis KP, Hauptfeld R, Jones MS, Larson CL, **Laverty TM**, [*]Pejchar L. 2022. Sexual harassment disproportionately affects historically excluded graduate students. Joint Meeting of the 140th American Ornithological Society and 24th BirdsCaribbean, San Juan, Puerto Rico.
43. [*]**Laverty TM**, Berger J. 2021. Conservation of megaherbivores modulates bat diversity in the world's oldest desert. 30th International Congress for Conservation Biology, virtual.
44. [*]**Laverty TM**, Stoner KE. 2021. In search of bachelorettes: Dorsal patches in male *Leptonycteris yerbabuenae* in the southwestern United States. Western Bat Working Group meeting, virtual.
45. [*]Davies ML, **Laverty TM**. 2020. Updates on *Leptonycteris* activity and nectar availability in southern New Mexico. New Mexico Bat Working Group meeting, virtual.
46. [*]**Laverty TM**, Berger J. 2020. Does conserving desert elephants conserve bats? 5th North American Congress for Conservation Biology, virtual.
47. [*]**Laverty TM**. 2019. Updates on *Leptonycteris* in southern New Mexico. New Mexico Bat Working Group meeting, Sevilleta National Wildlife Refuge, NM, USA.
48. [*]**Laverty TM**, Berger J. 2019. Are bats seeking out clean water? A perspective from the Namib Desert. North American Society for Bat Research 49th Annual Symposium, Kalamazoo, MI, USA.
49. [*]**Laverty TM**, Berger J. 2018. Bat diversity and water quality in the world's oldest desert. 4th North American Congress for Conservation Biology, Toronto, Canada.
50. [*]**Laverty TM**, Berger J. 2018. Bat diversity and water quality in the world's oldest desert. 24th Front Range Student Ecology Symposium, Fort Collins, CO, USA.
51. [*]**Laverty TM**, Berger J. 2017. Bat diversity, water quality, and pastoralists in the northern Namib Desert. 28th International Congress for Conservation Biology, Cartagena, Colombia.
52. [*]**Laverty TM**, Berger J. 2016. Desert water and large herbivores: What drives bat community structure? 17th International Bat Research Conference, Durban, South Africa.
53. [*]**Laverty TM**, Berger J. 2015. Bats, elephants, and their food: A trophic approach to understanding bat communities. North American Society for Bat Research 45th Annual Symposium, Monterey, CA, USA. (Session organizer)

Posters

1. [*GS]Calderón FA, **Laverty TM**. 2026. Establishing baseline activity using bioacoustics and bluetooth tracking technology before solar development in the Chihuahua Desert. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
2. [*GS]Moore RM, **Laverty TM**. 2026. Do ephemeral water sources influence bat communities and activity in the Sonoran Desert? 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
3. [*UG]Vargas NA, **Laverty TM**. 2026. Mapping lesser long-nosed bat movements via Internet of Things (IoT) detections in Tucson, Arizona, USA. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
4. [*UG]Whetten HN, [GS]Stevenson BD, Ortiz AT, Orr TJ, **Laverty TM**. 2026. Taking a leuk at leukocytes: demographic variation in white blood cell profiles in the lesser long-nosed bat. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.

5. *[UG]Diaz JK, [GS]Pichler TR, **Laverty TM**. 2026. Working the night shift: investigating the top-down effects of aerial insectivores on shrub encroachment dynamics. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
6. *[UG]Vazquez SR, [UG]Diaz JK, [UG]Silva FP, [UG]Tobey KA, [GS]Pichler TR, **Laverty TM**. 2026. Listening for hungry echoes: effects of shrub encroachment on bat foraging activity in the Chihuahuan Desert. 54th North American Society for Bat Research Annual Symposium, Fort Collins, CO, USA.
7. *[UG]Diaz JK, [UG]Vasquez SR, [UG]Silva FP, [GS]Pichler TR, **Laverty TM**. 2026. Listening to the desert: ecological factors affecting annual bat activity in the Chihuahuan Desert. The 59th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Sedona, AZ, USA.
8. *Von Rotz MT, Davies ML, **Laverty TM**, Stoner KE. 2025. Sonic bloom: acoustic monitoring and heat map analysis of lesser long-nosed bat visitation to Palmer's agave. 53rd North American Society for Bat Research Annual Symposium, Edmonton, Alberta, Canada.
9. *Von Rotz MT, Davies ML, **Laverty TM**, Stoner KE. 2025. Sonic bloom: acoustic monitoring and heat map analysis of lesser long-nosed bat visitation to Palmer's agave. The Wildlife Society's 32nd Annual Conference, Edmonton, Alberta, Canada.
10. *[GS]Pichler TR, [GS]Becker MP, **Laverty TM**. 2025. Guild-specific responses of bats to shrub encroachment in the Chihuahuan Desert. 2025 Jornada Basin LTER Desert Ecology Short-Course, Las Cruces, NM, USA.
11. *[UG]Becker MP, Chavez LN, Stevenson JS, **Laverty TM**. 2025. Do bats like it hot? Pup mortality and emergence counts for a big brown bat maternity colony in the Chihuahuan Desert. Western Bat Working Group Biennial Meeting 2025, San Diego, CA, USA.
12. *[GS]Pichler TR, [GS]Becker MP, **Laverty TM**. 2025. Guild-specific responses of bats to shrub encroachment in the Chihuahuan Desert. Western Bat Working Group Biennial Meeting 2025, San Diego, CA, USA.
13. *Von Rotz MT, Davies ML, **Laverty TM**, Stoner KE. 2025. Mapping bat activity through sound: acoustic monitoring and heat map analysis of lesser long-nosed bat visitation to Agave palmeri. Western Bat Working Group Biennial Meeting 2025, San Diego, CA, USA.
14. *[GS]Whited HA, **Laverty TM**. 2025. Diet phenology of the lesser long-nosed bat at the northern extent of its range. Western Bat Working Group Biennial Meeting 2025, San Diego, CA, USA.
15. *Von Rotz MT, Davies ML, **Laverty TM**, Stoner KE. 2025. Mapping bat activity through sound: acoustic monitoring and heat map analysis of lesser long-nosed bat visitation to Agave palmeri. The 58th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Albuquerque, NM, USA.
16. *[GS]Stevenson BD, **Laverty TM**. 2024. Thirst Strategies: The water-seeking behaviors of lesser long-nosed bats in arid ecosystems. 52nd North American Society for Bat Research Annual Symposium, Guadalajara, Jalisco, Mexico.
17. *[GS]Whited HA, [GS]Stevenson BD, **Laverty TM**. 2024. Diet phenology of the lesser long-nosed bat at the northern extent of its range. 52nd North American Society for Bat Research Annual Symposium, Guadalajara, Jalisco, Mexico.
18. *[GS]Rohan I, **Laverty TM**, Frey JK. 2024. Evaluating the detection probabilities of terrestrial mammals using remotely activated cameras in central New Mexico rangelands. The 57th Joint Annual Meeting of the Arizona-New Mexico American Fisheries Society and The Wildlife Society, Flagstaff, AZ, USA.
19. *[GS]Rohan I, **Laverty TM**, Frey JK. 2023. Evaluating the effects of wind energy development on the habitat selection of a terrestrial mammal community in central New Mexico. Annual Corona Range and Livestock Research Center Field Day, Corona, NM, USA.
20. *Davies ML, **Laverty TM**, Stoner KE. 2022. Assessing long-nosed bat food availability by using remote sensing imagery to build an Agave classifier. 101st Annual Meeting of the American Society of Mammalogists, Tucson, AZ, USA.

21. *Cornelius Ruhs E, **Laverty TM**, Brook, CE. 2022. Seasonal drivers of viral shedding in bat reservoir hosts. Ecology and Evolution of Infectious Diseases 2022, Atlanta, GA, USA.
22. *Davies ML, **Laverty TM**, Stoner KE. 2020. Bats and hummingbird feeders: Simulating different monitoring techniques to examine utilization of introduced alternative food sources by long-nosed bats. The Wildlife Society's 27th Annual Conference, virtual.
23. Bombaci SP, *Jimenez MF, **Laverty TM**, Wilkins K, Bennett DE, Pejchar L. 2019. Underrepresented faculty play a disproportionate role in advancing diversity, equity, and inclusion. 2019 Ecological Society of America & United States Society for Ecological Economics Joint Meeting, Louisville, KY, USA.
24. *Mushabati LM, Eiseb SJ, Benda P, **Laverty TM**. 2017. Changes in bat activity over an altitudinal gradient in the Kunene Region, Namibia. 2017 Combined Congress of the Entomological and Zoological Societies of Southern Africa, Pretoria, South Africa.
25. ***Laverty TM**. 2010. Niche overlap in the diets of three sympatric caiman species. Cannon Memorial Senior Poster Presentation and Princeton Undergraduate Research Symposium, Princeton, NJ, USA.

PROFESSIONAL DEVELOPMENT

Training Programs

2026 Bat Videography Workshop, North American Society for Bat Research Annual Symposium (Instructor: Aaron Corcoran).
Bat Anesthesia and Tag Attachment Using Sutures, North American Society for Bat Research Annual Symposium (Instructor: Kevin Castle).
Data Science by Design: Integrating Data Science Skills into Biology Courses, Ecological Society of America (Instructor: Nate Emery).
Publish & Flourish: Become a Prolific Author, NMSU Teaching Academy (Instructor: Tara Gray).

2025 Grammarly For Education at NMSU with Authorship, NMSU Academic Technology.
P&T Panel: Promotion to Associate Professor, NMSU Teaching Academy.
Documenting Your Teaching Effectiveness, NMSU Teaching Academy (Instructor: Michelé Shuster).
Blueprint for Success: Backward Design and Alignment Made Easy, NMSU Teaching Academy (Instructor: Emad Mansour).
Setting Boundaries for Work-Life Balance, NMSU Teaching Academy (Instructor: Brian Hampton).
Deep Work for Scholarly Writing Book Group, NMSU Teaching Academy (Instructor: Rebecca Campbell).
Balancing High Expectations & Compassion, NMSU Teaching Academy (Instructor: Sarah Rose Cavanagh).
Designing Assignments AI Can't Solve, NMSU Teaching Academy (Instructor: Ashley Evans).
Early Career Workshop, NMSU Postdoctoral Association (Instructor: William Michener).
Quantitative Community Ecology in R, Ecological Society of America (Instructors: Matt Aiello-Lammens & Sarah Supp).
Five-day Bat Acoustic Survey Course, Bat Survey Solutions (Instructor: Janet Tyburec).
Enhance Engagement with AI, NMSU Teaching Academy (Instructor: Cynthia Alby).
What Students Can Keep for Life: Elements of Effective Thinking, NMSU Teaching Academy (Instructor: Michael Starbird).
Quick-Start Your Career, NMSU Teaching Academy (Instructors: Rebecca Brent & Richard Felder).
Get Your Students Actively Engaged, NMSU Teaching Academy (Instructors: Rebecca Brent & Richard Felder).

2024 NSF H.S.I. Institutional Transformation Project: NMSU-MÁS, Mejorando las Aulas en STEM/Improving STEM Classrooms (Instructors: Michèle Shuster & Louiza Fouli).
(Re)invent your spring course: A workshop and retreat, NMSU Teaching Academy (Instructor: Oana Cimpean).
Entering Mentoring, NMSU Teaching Academy (Instructor: Niall Hanan).
Simplifying Grading for STEM Writing, NMSU Teaching Academy (Instructor: Chris Bickford).

(continued)

Class Time Reconsidered: Active Learning in the University Classroom, NMSU Teaching Academy (Instructor: Derek Bruff).
Approaches to Teaching STEM Writing, NMSU Teaching Academy (Instructor: Chris Bickford).
Confessions of a Converted Lecturer: Teaching as Telling or Teaching as Questioning? NMSU Teaching Academy (Instructor: Eric Mazur).
Teaching as Questioning Through Peer Instruction, NMSU Teaching Academy (Instructor: Eric Mazur).

2023 Team Mentoring for Faculty New to NMSU, NMSU Teaching Academy (Instructors: Tara Gray & Rene Guillaume).
Red List Workshop for Old World Bats, African Small Mammal Symposium (Instructors: Dave Waldien & Ara Monadjem).
SO Much Content–SO Little Time: Maximize Student Learning by Optimizing Your Class Time, NMSU Teaching Academy (Instructor: Kevin Yee).
Developing and Applying Educational Modules that Link Museums, Biodiversity Literacy, and Emerging Disease, International Mammalogical Congress (Instructors: Jocelyn Colella, Anna Monfils, & Alejandra Camacho).
Using Networked Course-Based Undergraduate Research Experiences (CUREs) and Open-Access Digitized Collections to Engage Your Students in Mammalogy, International Mammalogical Congress (Instructors: Cecily Bronson, Practice Connors, Jennifer Duggan, Elizabeth Flaherty, Carly Jordan, Janice Krumm, Hayley Lanier, & Johanna Varner).

2022 Video Techniques for Tracking and Counting Bats, International Bat Research Conference (Instructors: Aaron Corcoran & Edward Hurme).
Old World Bat Red List Assessment Workshop, International Bat Research Conference (Instructors: Dave Waldien, Justin Welbergen, & Paul Webala).
A Crash Course in Managing Conservation Projects, North American Congress for Conservation Biology (Instructor: Adam Barlow).

2020 Conservation Policy Crash-Course for Scientists, North American Congress for Conservation Biology (Instructors: Michael Evans, Andrew Carter, & Jacob Malcom).

2019 Fundamentals of Structural Equation Modeling Course, CSU's Graduate Degree Program in Ecology (Instructor: James Grace).

2018 Introduction to Qualitative Data Collection and Analysis Workshop, North American Congress for Conservation Biology (Instructors: Rebecca Thomas & Jessica Sparks).
Translational Ecology Course, Southwest Climate Science Center (Instructors: Gregg Garfin, Steve Jackson, & Carolyn Enquist).

2017 Freshwater Health Index Applications and Implementation Workshop, International Congress for Conservation Biology (Instructors: Helen Regan & Derek Vollmer).

2015 Communicating Science Workshop, University of Montana (Instructor: Randy Olsen).

2014 Intro to GIS Course, Montana Chapter of the Society for Conservation Biology (Instructor: Tara Chesley-Preston).
Bayesian Population Analysis Course Using WinBUGS and JAGS, University of Montana (Instructors: Marc Kéry & Michael Schaub).

Memberships in Professional Societies

American Society of Mammalogists, Association for Tropical Biology and Conservation, Ecological Society of America, Global South Bats, North American Society for Bat Research, Society for Conservation Biology, The Wildlife Society, Western Bat Working Group

LANGUAGES

Fluent in English & Spanish