# Leila Siciliano-Martina, Ph.D.

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CURRENT	APPOIN	JTMENT
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2012 - 2013 2010 - 2011

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CURRENT APPOIN	TTMENT
2023 – Present	<b>Assistant Professor.</b> Department of Biology, Texas State University, San Marcos, TX
EDUCATION	
2020	<b>Ph.D.</b> Ecology & Evolutionary Biology Program. Texas A&M University. Variation in the skull morphology of captive mammals: A geometric morphometric and meta-analytic approach Advisors: A. Michelle Lawing and Jessica E. Light.
2011	Master of Science. Department of Zoology. Michigan State University. Causes and consequences of maternal deprivation in captive giraffes (Giraffa camelopardalis)
2007	<b>Bachelor of Science.</b> Geography of Natural Systems, Biology. Northern Illinois University
PREVIOUS PROFE	SSIONAL EXPERIENCE
2022 – 2023	<b>Postdoctoral Researcher.</b> Georgia Institute of Technology, Atlanta, GA; Texas A&M Agrilife, College Station, TX
2020 - 2022	Postdoctoral Researcher. Texas State University, San Marcos, TX
2016 - 2019	<b>Graduate Research and Teaching Assistant.</b> Texas A&M University, College Station, TX
2014 - 2017	Biology Instructor, Our Lady of the Lake University, San Antonio, TX.
2014 - 2017	<b>Museum Assistant,</b> Central Michigan University Herbarium, Mount Pleasant, MI and University of Michigan Herbarium, Ann Arbor, MI
2013 - 2014	Animal Diversity Web Content Editor, University of Michigan Museum of Zoology, Ann Arbor, MI
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Museum Assistant, Michigan State University Museum, East Lansing, MI.

Program Coordinator, Capital Area Humane Society, Lansing, MI

Curatorial Intern, Binder Park Zoo, Battle Creek, MI Volunteer Coordinator, John Ball Zoo, Grand Rapids, MI

Zookeeping Intern, Brookfield Zoo, Brookfield, IL

Graduate Teaching Assistant, Michigan State University, East Lansing, MI

- Published manuscripts
  - Siciliano-Martina, L., McGuire, J.L., Hurtado-Materon, M.A., Short, R.A., Lauer, D.A., Schap, J.A., Müller, J., Manthi, F.K., Head, J.J., Lawing, A. M. (2024). Ecometrics demonstrates that the functional dental traits of carnivoran communities are filtered by climate. *Ecology and Evolution*, 14(10), e70214. DOI:10.1002/ece3.70214
  - Siciliano-Martina, L., Guerra, D.A., Veech, J.A. (2023) "Burrow substrate and forelimb specialization in kangaroo rats (Genus *Dipodomys*)". *Journal of Mammalogy*. 104(6): 1377-1389. DOI: 10.1093/jmammal/gyad092
  - Siciliano-Martina, L., Martina, J.P., Dohnalik, E.\*, Vielleux, G.\* (2023) "Factors influencing the frequency and timing of litters in captive fennec foxes (*Vulpes zerda*)". *Animal Reproduction Science*. 248: 107182. DOI: 10.1016/j.anireprosci.2022.107182
  - <u>Siciliano-Martina, L.</u>, Michaud, M., Scicluna, E., Tanis, B., Lawing, A.M. (2022) "Endocranial volume increases across captive generations in the endangered Mexican wolf". *Scientific Reports*. 12: 8147. DOI: 10.1038/s41598-022-12371-6
  - Siciliano-Martina, L., Light, J.E., Riley, D., Lawing, A.M. (2022) "One of the wolves in not like the other: Morphological effects and conservation implications of captivity in Mexican Wolves (*Canis lupus baileyi*)". *Animal Conservation*. 25(1): 77-90. DOI: 10.1111/acv/12724
  - Siciliano-Martina, L., Light, J.E., Lawing, A.M. (2021) "Morphological consequences of captivity: a meta-analysis". Frontiers in Zoology. 18(4): 1-13. DOI: 10/1186/s12983-021-00386-0
  - <u>Siciliano-Martina, L.</u>, Light, J.E., Lawing, A.M. (2021) "Changes in canid cranial morphology induced by captivity and conservation implications". *Biological Conservation*. 257: 109143. DOI: 10.1016/j.biocon.2021.109143
  - Light, J.E., <u>Siciliano-Martina, L.</u>, Dohnalik, E.\*, Vielleux, G.\*, Hafner, D.J., Lawing, A.M., Greenbaum, I.F. (2021) "Morphological differentiation of *Peromyscus leucopus* and *P. maniculatus* in east Texas". *Therya*. 12(2): 369-387. DOI: 10.12933/therya-21-1116
  - <u>Siciliano-Martina, L.</u> & J. Martina. (2020) "Shifting barriers to the acceptance of evolution in an underrepresented student group". *International Journal of Science Education*. 42(13): 2205-2223. DOI: 10.1080/09500693.2020.1815247
  - <u>Siciliano-Martina, L.</u> (2020) "Multi-institutional survey of causes of maternal-rejection in giraffes *Giraffa camelopardalis* in North American zoos". *International Zoo Yearbook*. 54: 191-201. DOI: 10.1111/izy.12252
  - <u>Siciliano-Martina, L.</u> & J. Martina. (2018) "Stress and social behaviors of maternally-deprived captive giraffes (*Giraffa camelopardalis*)". *Zoo Biology*. 37(20): 1-10. DOI: 10.1002/zoo.21405

# Upcoming Manuscripts

- Scicluna, E., Parrott, M.L, <u>Siciliano-Martina, L.,</u> Michaud, M., Robert, K.A, Green, P.T. "Long term impacts of captivity on skull morphology and endocranial volume in a marsupial carnivore". *Royal Society Open Science*. In Review.
- Siciliano-Martina, L., Brown, I.\*, Reuter, D.A., Lawing, A.M., McGuire, J.L., Law, C.J., Vick, D.\*, Clarke, T.\*, Salel, M.\*, Borstein, S. "Trait Evolution and Dietary Specialization: The Role of Carnassial Morphology in Shaping Carnivoran Diversity". *PeerJ.* In Prep
- <u>Siciliano-Martina, L.,</u> Herod, M., Hazell, J.\*, Boyden, G.\*, Martina, J.P. "Fluctuating asymmetry as a stress signal in a genetically limited and invasive wetland plant (*Arundo donax*)". *Functional Ecology*. In Prep.

## **GRANTS AND FELLOWSHIPS**

Research Grants	
2024	Ranges Mini-Award, University of North Carolina Greensboro, "Trait
	morphology and habitat specializations in kangaroo rat species (Genus
	Dipodomys)" \$4,000
2023	NSF-REU (Research Experiences for Undergraduates) Supplement, NSF-
	DEB-NERC, Funding for two undergraduate student workers
2021	Armchair Challenge: Meta-Analysis Publication, Ecology & Evolutionary
	Biology Program, Texas A&M University, \$1,500
2019	Student Collections Study Award, Natural History Museum of Los Angeles
	County, \$750
2019	Graduate Student Research and Presentation Travel Award, Office of
	Graduate and Professional Studies, Texas A&M University, \$500
2019	Travel Award, American Society of Mammalogists, \$500
2018	Grants-In-Aid of Research, American Society of Mammalogists, \$1,500
2018	EEB Research Award, Ecology & Evolutionary Biology Program, Texas A&M
	University, \$1,500
Fellowships	
2022	Postdoctoral Research Assistant, NSF DEB-NERC, "Vertebrate functional
	traits as indicators of ecosystem function"
2019	Graduate Fellowship, Office of Graduate and Professional Studies (OGAPS),
	Texas A&M University
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## **GRANTS SUBMITTED**

2024	<b>Texas State University REP (Research Enhancement Program),</b> "The role of dietary strategy in captivity-induced trait change". \$8,000 requested. Submitted October 9, 2024
2024	<b>NSF BRC-BIO (Building Research Capacity),</b> "Captive carnivore traits: The commonality and trajectory of morphological changes occurring in captivity and their functional effects". Proposal # 2437477. \$474,479 requested for TXST. Submitted July 1, 2024

2024 NSF BoCP-BIO (Biodiversity on a Changing Planet), "Collaborative Research:

BoCP-Implementation: Degradation of trait-environment relationships of mammalian communities across spatiotemporal scales". Proposal # 2449324. \$2,479,320 requested total (\$701,656 request for TXST). Submitted September 5, 2024.

# SPEAKING ENGAGEMENTS

Invited Seminars	
2023	Texas State University, Department of Biology. Trait-environment relationships
2023	in disrupted ecosystems. University of Akron, Department of Biology. Trait-environment relationships in
2023	disrupted ecosystems.
2022	Arizona State University, School of Mathematical and Natural Sciences.
	Functional morphology across environmental gradients.
2022	Texas A&M University, Department of Ecology and Conservation Biology.
2022	Covariation of functional morphology and the environment.
2022	Angelo State University, Department of Biology. Functional morphology and conservation science.
Contributed talks (Dr	resenting Speaker, **Award Received)
2024	Siciliano-Martina, L., Herod, M., Martina, J.P. (2024). Stressing the grass:
2021	Changes in the leaf symmetry of an invasive plant in response to light levels.
	Ecological Society of America, Long Beach, CA. Oral Talk
2024	Siciliano-Martina, L., McGuire, J.L., Shipley, B.R., Short, R.A., Hurtado-
	Materon, M.A., Müller, J., Head J.J., Lawing, A.M. (2024). Community-wide
	trends in carnivoran carnassial morphology as an indicator of ecosystem
	disruption over time. American Society of Mammalogists, Boulder, CO. Oral Talk
2024	McGuire, J.L., Lauer, D.A., Schap, J.A., Short, R.A., Head, J.J., Muller, J.,
	Manthi, F.K., Siciliano-Martina, L., Lawing, A.M. (2024) Pleistocene
	Disruption of Trait-Environment Relationships Informs the Future Conservation
	of African Megafauna. North American Paleontological Conference, Ann Arbor, MI. Oral Talk.
2023	Siciliano-Martina, L., McGuire, J., Lawing, A.M. Carnivoran dietary traits as
	an ecometric to evaluate ecosystem disruption. American Society of
	Mammalogists, Anchorage, AK.
2023	Light, J.E., Craft, B., Ellis, H., Greenbaum, I., Hamilton, N., Siciliano-Martina,
	L., Jansa, S. Leveraging natural history collections to understand rodent diversity
	and distributions in a changing world. American Society of Mammalogists, Anchorage, AK.
2023	Lawing, A.M., <u>Hurtado Materon, M.A.</u> , Lauer, D., Mutinda, C., Roberts, L.,
	Schap, J., Siciliano-Martina, L., Pineda Munoz, S., Mueller, J., Short, R.,
	Manthi, F., Head, J., McGuire, J. A new view: Multidimensional and time
	transgressive approaches to ecometrics. International Union for Quaternary
2022	Research, Rome, Italy.
2022	Siciliano-Martina, L., Veech, J.A. Forelimb specialization as an adaptation for
	burrowing in kangaroo rats (Genus Dipodomys). American Society of Mammalogists (virtual).
	mannalogisis (virtual).

2021	<u>Siciliano-Martina, L.</u> , Light, J.E., Riley, D.G., Lawing, A.M. <i>Morphological</i> effects and conservation implications of captivity in Mexican wolves. Evolution
2021	(virtual). Siciliano-Martina, L., Light, J.E., Lawing, A.M. Changes in canid cranial morphology induced by captivity and conservation implications. American
2019	Society of Mammalogists (virtual). <u>Siciliano-Martina, L.,</u> Light, J.E., Lawing, A.M. <i>Morphological impacts of captivity: A meta-analysis</i> . American Society of Mammalogists. Washington,
2019	D.C. <u>Siciliano-Martina, L.</u> , Light, J.E., Lawing, A.M. <i>Unintended morphological impacts of captivity in Mexican wolves (Canis lupus baileyi)</i> . Ecological Integration Symposium, Texas A&M University.
2019	**Siciliano-Martina, L., Light, J.E., Lawing, A.M. Unintended morphological impacts of captivity in Mexican wolves (Canis lupus baileyi). Student Research Week, Texas A&M University.
2018	Siciliano-Martina, L., Light, J.E., Lawing, A.M. Cranial morphology of captive Mexican wolves (Canis lupus baileyi). American Society of Mammalogists, Kansas State University, Manhattan, KS.
2017	Siciliano-Martina, L., Meik, J.M., Lawing, A.M. Craniodental integration and facial length in domestic dogs. American Society of Mammalogists, University of Idaho, Moscow, ID.
2017	**Siciliano-Martina, L. Behavioral consequences of maternal deprivation in captive giraffes (Giraffa camelopardalis). Ecological Integration Symposium, Texas A&M University.
2015	Siciliano-Martina, L., Rabeler, R., Gilbert, E. Efficient use of an online museum collections database network (Symbiota). iDigBio Small Collections Network
Contributed posters	(Presenting Speaker, * Mentored undergraduate, **Award Received)
2024	<u>Lamb, S.L.</u> , <b>Siciliano-Martina, L.</b> Morphological variation of gray fox ( <i>Urocyon cinereoargenteus</i> ) skulls across time. American Society of Mammalogists, Boulder, CO. Poster
2024	C.P. Bruce, Siciliano-Martina, L., A.M. Lawing, McGuire, J.L., Schap, J.A., Hurtado Materon, M.A., Short, R.A. Ecometric model for body mass and temperature within global carnivoran communities. American Society of
2024	Mammalogists, Boulder, CO. Poster <u>C.P. Bruce</u> , <b>Siciliano-Martina</b> , <b>L.</b> , A.M. Lawing, McGuire, J.L., Schap, J.A., Hurtado Materon, M.A., Short, R.A. Ecometric model for body mass and temperature within global carnivoran communities. North American
2024	Paleontological Conference, Ann Arbor, MI. Poster A.M. Lawing, <u>Hurtado Materon, M.A., Siciliano-Martina, L.</u> , Short, R.A, Lauer, D.A., Schap, J.A., Bruce, C., Pineda-Munoz, S., Muller, J., Manthi, F.K., Head, J.J., McGuire, J.L. Broadening participation in ecometrics research: An initiative
2024	to expand the collection of functional trait data. International Biogeography Society, Prague, Czech Republic. Poster  ***Vick, D., *Brown, I., *Clarke, T., Lawing, A.M., Siciliano-Martina, L.  Carnassial relative blade length (RBL) as an indicator of carnivoran dietary ecology. Texas Society of Mammalogists, Junction, TX. Poster

2024	<u>Lamb, S.L.</u> , <b>Siciliano-Martina, L.</b> Morphological variation of gray fox ( <i>Urocyon cinereoargenteus</i> ) skulls across time. Texas Society of Mammalogists, Junction, TX. Poster
2023	*Brown, I., *Clarke, T., *Vick, D., Lawing, A.M., Siciliano-Martina, L. Carnassial relative blade length (RBL) as an indicator of carnivoran dietary ecology. Society of Vertebrate Paleontology, Cincinnati, OH.
2023	** *Brown, I., *Clarke, T., *Vick, D., Lawing, A.M., Siciliano-Martina, L. Carnassial relative blade length (RBL) as an indicator of carnivoran dietary ecology. Geology and Geophysics Graduate Student Council Symposium, Texas A&M University.
2023	*Brown, I., *Clarke, T., *Vick, D., Lawing, A.M., Siciliano-Martina, L. Carnassial relative blade length (RBL) as an indicator of carnivoran dietary ecology. Ecological Integration Symposium, Texas A&M University.
2019	* <u>Dohnalik, E.G.,</u> *Vielleux, G., <b>Siciliano-Martina, L.,</b> Greenbaum, I.F., Light, J.E. Morphological differentiation and identification of Peromyscus leucopus and P. maniculatus in East Texas. American Society of Mammalogists, Washington, D.C.
2018	Siciliano-Martina, L., Greenbaum, I.F., Casillas, M., Lawing, A.M., Light, J.E. Exploring the distribution of Peromyscus maniculatus in south Texas. American Society of Mammalogists, Kansas State University, Manhattan, KS.
2018	** Siciliano-Martina, L., Greenbaum, I.F., Casillas, M., Lawing, A.M., Light, J.E. Exploring the distribution of Peromyscus maniculatus in south Texas. Ecological Integration Symposium, Texas A&M University.
2018	Siciliano-Martina, L., Greenbaum, I.F., Casillas, M., Lawing, A.M., Light, J.E. Exploring the distribution of Peromyscus maniculatus in south Texas. Student Research Week, Texas A&M University.
2018	** <u>Siciliano-Martina, L.</u> , Greenbaum, I.F., Casillas, M., Lawing, A.M., Light, J.E. <i>Exploring the distribution of Peromyscus maniculatus in south Texas</i> . Texas Society of Mammalogists, Junction, TX.
2012	Abraczinskas, L.M., <b>Siciliano, L.,</b> Lundrigan, B.L. <i>Detecting arsenic in vertebrate specimens at the Michigan State University Museum with a handheld x-ray fluorescence (XRF) analyzer</i> . Society for the Preservation of Natural History Collections, New Haven, CT.
2011	<u>Siciliano, L.</u> Survey results: Causes and consequences of maternal deprivation in captive giraffes. Association of Zoos and Aquariums, Atlanta, GA.
2010	<u>Siciliano, L.</u> Consequences of maternal rejection in captive giraffes. Association of Zoos and Aquariums, Houston, TX.
Guest lectures	
2019	General Mammalogy, Department of Wildlife and Fisheries Sciences, Texas A&M University. Fur, hair, and integument.
2012	Museum Studies, Department of Zoology, Michigan State University. <i>Current research in natural history museums</i> .
2011	Preview of Zoology, Department of Zoology, Michigan State University. (2011). Research activities in the modern zoological garden.

# HONORS AND AWARDS

2019	1st Place Graduate Student Oral Presentation, Student Research Week, Texas
	A&M University, College Station, TX
2018	1 <sup>st</sup> Place Graduate Poster Presentation, Ecological Integration Symposium, Texas
	A&M University, College Station, TX
2018	1 <sup>st</sup> Place Poster, Texas Society of Mammalogists, Junction, TX
2017	1st Place Graduate Student Talk, Ecological Integration Symposium, Texas A&M
	University, College Station, TX

# MENTORED STUDENT HONORS AND AWARDS

2024	Dunca	an '	Vick:	Clyde J	ones	Unde	ergra	duate	Award,	1st Place	Undergraduate	Poster,
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Texas Society of Mammalogists, Junction, TX

2023 Isaac Brown: 1st Place Undergraduate Student Poster and Highest Ranked

Presentation Overall, Geology and Geophysics Graduate Student Council

Symposium, Texas A&M University, College Station, TX

## GRADUATE STUDENTS ADVISED

2024-Present	Matthew	Bushell,	Texas S	State U	Jniversit	y, Aqua	atic R	esources	and l	Integrative	
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Biology (PhD)

2024-Present Alyssa Arguijo, Texas State University, Wildlife Ecology (MS) 2023-Present Samantha Lamb, Texas State University, Wildlife Ecology (MS)

# GRADUATE STUDENT COMMITTEES IN PROGRESS

# Texas State University, Department of Biology, Wildlife Ecology (MS)

2024-Present	Alyssa Arguijo (Committee Chair)
2024-Present	Carly Naundorff (Committee Member)
2023-Present	Samantha Lamb (Committee Chair)
2023-Present	Brier Klossing (Committee Member)
2023-Present	Shelby Bork (Committee Member)
2023-Present	Sarah Khayyatzadeh (Committee Membe

2023-Present Sarah Khayyatzadeh (Committee Member) 2023-Present Cassidy Reagan (Committee Member)

#### Texas State University, Department of Biology, Aquatic Resources and Integrative Biology (PhD)

2024-Present	Matthew Bushell (Committee Chair)
2024-Present	Indra Acharja (Committee Member)
2024-Present	Jill Zipperer (Committee Member)
2023-Present	Abigail Meeks (Committee Member)

#### TEACHING EXPERIENCE

#### Assistant Professor

Texas State University, San Marcos, TX

2023-Present Natural History of Vertebrates 2024-Present Principles of Zoo Management

#### Adjunct Instructor

Our Lady of the Lake University, San Antonio, TX

2016 - 2017 Introduction to Evolution, lecture (online)

2014 - 2016 Introduction to Life Sciences, lecture and lab

2014 – 2015 General Biology II, lecture and lab

#### Graduate Teaching Assistant

Texas A&M University, College Station, TX

2019 Natural History of Vertebrates, lab 2017 - 2018 Fundamentals of Ecology, lecture

2017 Advanced GIS for Resources Management, online lecture and lab

2017 Introduction to GIS, online lecture and lab 2016 Natural History of Invertebrates, lab

Michigan State University, East Lansing, MI
2011 Biology of Mammals, lab
2010 – 2011 Cell & Molecular Biology, lab

#### JOURNAL ARTICLE REVIEWS

2024	Royal Society Open Science
2024	Journal of Mammalogy
2024	Archaeological and Anthropological Sciences
2023	Scientific Reports (2x)
2022	Journal of Mammalogy

2022 Anatomia, Histologia, Embryologia

2021 American Midland Naturalist

Primates

2021 Integrative Organismal Biology

## PROFESSIONAL ORGANIZATIONS

2021 – Present	Ecological Society of America
2017 – Present	Society for the Study of Evolution
2017 – Present	American Society of Mammalogists
2017 – Present	Texas Society of Mammalogists
2011 B	C ' C I D I CAT

2011 – Present Society for the Preservation of Natural History Collections

2009 – Present Association of Zoos and Aquariums

# SERVICE ACTIVITIES

# **Special Committees**

2024 – Present Human Diversity Committee; Texas Society of Mammalogists 2023 – Present Environmental Services Committeee; Texas State University

2022 - Present Inclusion Diversity Equity Access (IDEA) Committee, American Society of

Mammalogists

# **Individual Activities**

2023 Grant panel: Black and Indigenous Scholars, American Society of Mammalogists

Volunteer: Darwin Day, Texas A&M University

2023 Grant panel: Rising Undergraduates in Mammalogy, American Society of

**Mammalogists** 

2023 - 2024	Conference Judge: Graduate student posters and oral presentations, American Society of Mammalogists
2022 - 2023	Conference Judge: Undergraduate and graduate posters and oral presentations, Texas Society of Mammalogists
2022	Planning committee: LGBTQIA+ event, IMC-13 international conference
2018 - 2020	Planning committee: Darwin Day, Texas A&M University
2017 – 2020	Volunteer: Biodiversity Research & Teaching Collections, Texas A&M University
2012 - 2014	Volunteer: University of Michigan Museum
2011	Volunteer: Michigan State University. Mist netting and measuring birds
2011 - 2012	Volunteer: Michigan State University Museum
2011 - 2013	Volunteer: Darwin Discovery Day, Michigan State University Museum
2010	Volunteer: Wildlife Response Center, Marshall, MI. Wildlife rehabilitation from
	Kalamazoo River oil spill
SPECIAL TRAININ	NG AND CERTIFICATIONS
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2023	Aggies Research Program Leadership Certification, Texas A&M University.  Mentored and trained a team of undergraduate researchers and participated in the
2023	
2023 2022	Mentored and trained a team of undergraduate researchers and participated in the
	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an
2022	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an LGBTQIA+ ally
2022 2010	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an LGBTQIA+ ally  Business Management Certification, Michigan State University
2022 2010 2008 MEDIA 2010	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an LGBTQIA+ ally  Business Management Certification, Michigan State University  Bad Rap Training, Oakland, CA. Rehabilitation training for abused pit bulls  ZooView Magazine, "A Green Halloween"
2022 2010 2008 MEDIA 2010 2008 – 2009	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an LGBTQIA+ ally  Business Management Certification, Michigan State University  Bad Rap Training, Oakland, CA. Rehabilitation training for abused pit bulls  ZooView Magazine, "A Green Halloween"  WLNS, "Pet of the Day" on Channel Six Noon News Lansing twice a week
2022 2010 2008 MEDIA 2010 2008 – 2009 2008 – 2009	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an LGBTQIA+ ally  Business Management Certification, Michigan State University  Bad Rap Training, Oakland, CA. Rehabilitation training for abused pit bulls  ZooView Magazine, "A Green Halloween"  WLNS, "Pet of the Day" on Channel Six Noon News Lansing twice a week  LCC Radio Coffee Break, Monthly interview regarding Humane Society events
2022 2010 2008 MEDIA 2010 2008 – 2009	Mentored and trained a team of undergraduate researchers and participated in the leadership training program  Aggie Ally Leadership Training, Texas A&M University. Trained as an LGBTQIA+ ally  Business Management Certification, Michigan State University  Bad Rap Training, Oakland, CA. Rehabilitation training for abused pit bulls  ZooView Magazine, "A Green Halloween"  WLNS, "Pet of the Day" on Channel Six Noon News Lansing twice a week