

**Malin K. Lilley, Ph.D.**  
**Assistant Professor of Psychology**  
Texas A&M University – Central Texas  
Department of Counseling and Psychology  
1001 Leadership Place  
Killeen, Texas 76549

**EDUCATION**

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<b>Degree</b>	<b>Institution</b>
Ph.D.	The University of Southern Mississippi <i>Brain and Behavior Science</i> <i>Department of Psychology</i> Dissertation Title: The Development of socio-sexual behavior in beluga whales ( <i>Delphinapterus leucas</i> )
M.A.	The University of Southern Mississippi <i>Brain and Behavior Science</i> <i>Department of Psychology</i> Thesis Title: Sparking a dolphin’s curiosity: Individual differences in dolphins’ reactions to surprising and expectation-violating events
B.A.	Colgate University <i>Behavioral Neuroscience, High Honors, Summa Cum Laude</i> <i>Department of Psychology</i> Minor: Biology

**RESEARCH FUNDING**

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National Science Foundation, SBP <i>Investigating Social Comparison Processes among Undergraduates at a Hispanic Serving Institution</i> (Co-PI – Ho Huynh) \$464,392	2022
A&M-SA CoAS, Postdoctoral Fellowship (Co-PI – Ho Huynh) \$45,000	2021

**PUBLICATIONS**

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**Peer Reviewed Articles**

Huynh, H. P., Wicks, A., Raya, A., Castellanos, I., Weatherford, D. R., & Lilley, M. K.\* (2024). Social comparison processes of Hispanic students at Hispanic majority institutions. *Psychological Reports*, <https://journals.sagepub.com/doi/pdf/10.1177/00332941241241641>

\*Corresponding author

- Manitzas Hill, H. M., **Lilley, M. K.**, Ham, J. R., & Robeck, T. (2024). A review of beluga (*Delphinapterus leucas*) sexual behavior and reproductive physiology leading to conception. *Theriogenology Wild*. <https://doi.org/10.1016/j.therwi.2024.100071>
- Ham, J. R., **Lilley, M. K.**, Winchenski, R., Miranda, J., Dedios, A., Kolodziej, K., Pellis, S. M., & Hill, H. M. (2023). Playful mouth-to-mouth interactions of belugas (*Delphinapterus leucas*) in managed care. *Zoobiology*. <https://doi.org/10.1002/zoo.21788>
- Huynh, H., Sifuentes, K., & **Lilley, M.** (2023). Context matters: Stress for minority students who attend minority-majority universities. *Psychological Reports*, 126(1), 246-264. <https://doi.org/10.1177/00332941211043459>
- Ham, J. R., **Lilley, M. K.**, Miller, M. R., Leca, J.-B., Pellis, S. M., & Manitzas Hill, H. M. (2022). Self-handicapping in object play: How belugas (*Delphinapterus leucas*) make play difficult. *International Journal of Play*. <https://doi.org/10.1080/21594937.2022.2152535>
- Lilley, M. K.**, Ham, J. R., Manitzas Hill, H. M. (2022). Observations of courtship in belugas (*Delphinapterus leucas*). *Aquatic Mammals*, 48(6). <https://doi.org/10.1578/AM.48.6.2022.547>
- Manitzas Hill, H. M., Ham, J. R., **Lilley, M. K.** (2022). Observations of mating practice by non-sexually mature male belugas (*Delphinapterus leucas*). *Aquatic Mammals*, 48(6). <https://doi.org/10.1578/AM.48.6.2022.541>
- Lilley, M. K.**, Ham, J. R., Miller, M. R., Kolodziej, K., Hill, H. M. (2022). Investigation of lateralization of socio-sexual behavior in belugas (*Delphinapterus leucas*). *Behavioural Processes*. <https://doi.org/10.1016/j.beproc.2022.104718>
- Ham, J. R., **Lilley, M. K.**, Lelkach, J., Miller, M. R., Robeck, T. R., Pellis, S. M., & Manitzas Hill, H. M. (2022). The emergence and early development of socio-sexual behavior in beluga calves (*Delphinapterus leucas*). *Behavioural Processes*. <https://doi.org/10.1016/j.beproc.2022.104695>
- Huynh, H., Sramek, K., Sifuentes, K., **Lilley, M. K.**, & Bautista, E. M. (2022). Keep calm and be humble: Can intellectual humility predict test anxiety? *Psychological Reports*. <https://doi.org/10.1177/00332941221103524>
- Ham, J.R., **Lilley, M.K.\***, Miller, M.R., & Manitzas Hill, H.M. (2021). Seasonality of social behaviour among immature belugas (*Delphinapterus leucas*) in managed care. *Polar Research*. <https://doi.org/10.33265/polar.v40.5498> \*Corresponding author, equal contributions with first author
- Ham, J.R., **Lilley, M.K.**, & Manitzas Hill, H.M. (2021). Conspecific scarring on wild belugas (*Delphinapterus leucas*) in Cunningham Inlet. *Behaviour*, 1–21. <https://doi.org/10.1163/1568539X-bja10086>
- Lilley, M.**, De Vere, A., & Yeater, D. (2020). Laterality of eye use by bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) dolphins while viewing predictable and unpredictable stimuli. *International Journal of Comparative Psychology*, 33.
- Lilley, M.**, Ham, J., & Hill, H. (2020). The development of socio-sexual behavior in beluga (*Delphinapterus leucas*) under human care. *Behavioural Processes*, 171.
- De Vere, A., **Lilley, M.**, & Frick, E. (2018). Anthropogenic impacts on the welfare of wild marine mammals. *Aquatic Mammals*, 44, 150-180. <https://doi.org/10.1578/AM.44.2.2018.150>

- Lilley, M., de Vere, A., Yeater, D., & Kuczaj, S. (2018).** Characterizing curiosity-related behavior in bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*). *International Journal of Comparative Psychology*.
- De Vere, A., **Lilley, M.**, & Highfill, L. (2017). Do pinnipeds have personality? Broad dimensions and contextual consistency of behavior in harbor seals (*Phoca vitulina*) and California Sea Lions (*Zalophus californianus*). *International Journal of Comparative Psychology*.
- Kuczaj, S. & **Lilley, M.** (2016). Out of the mouth of babes: Lessons from research on human infants. *Animal Behavior and Cognition*, 3, 212-223.

### **Book Chapters, Encyclopedia Entries, and Other Publications**

- Ham, J. R., **Lilley, M. K.**, & Hill, H. M. (2023). Non-conceptive sexual behavior in cetaceans: comparison of form and function. In B. Wursig & D. Orbach (Eds.) *Sex in cetaceans*, (pp. 129-152). Springer. [https://link.springer.com/chapter/10.1007/978-3-031-35651-3\\_7](https://link.springer.com/chapter/10.1007/978-3-031-35651-3_7)
- Manitzas Hill, H. M., Dudzinski, K. M., **Lilley, M. K.**, & Ham, J. R. (2023). Sexual behaviors of odontocetes in managed care. In B. Wursig & D. Orbach (Eds.) *Sex in cetaceans* (pp. 173-198). Springer. [https://link.springer.com/chapter/10.1007/978-3-031-35651-3\\_9](https://link.springer.com/chapter/10.1007/978-3-031-35651-3_9)
- Dudzinski, K. M., Hill, H. M., Zaccaroni, A., Makecha, R., **Lilley, M.**, Almunia, J., Frick, E., Feucht, T., Stafford, G., & Abramson, C. I. (2020). Distinguishing personal belief from scientific knowledge for the betterment of killer whale welfare—a commentary. *International Journal of Comparative Psychology*, 33.
- Lilley, M.**, Yeater, D., & Melzer, D. (2018). Ivan Pavlov. In J. Vonk & T. Shackelford (Eds.). *Encyclopedia of Animal Cognition and Behavior*. Springer.
- Lilley, M.** & Zapetis, M. (2018). Jane Goodall. In J. Vonk & T. Shackelford (Eds.). *Encyclopedia of Animal Cognition and Behavior*. Springer.
- Lilley, M.**, Kuczaj, S., & Yeater, D. (2017). Individual differences in non-human animals: Examining boredom, curiosity, and creativity. In J. Vonk, A. Weiss, & S. Kuczaj (Eds.) *Personality in non-human animals* (pp. 257-275). Springer.
- Lilley, M.**, Smith, K., & Botero Acosta, N. (2017). Cetacean Life History. In J. Vonk & T. Shackelford (Eds.). *Encyclopedia of Animal Cognition and Behavior*. Springer.

## **PRESENTATIONS**

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### **Invited Presentations**

- Lilley, M.** (October, 2022). Lateralization of socio-sexual behavior in belugas. Dolphin Communication Project, Deep Dive webinar series.
- Lilley, M.** (June, 2022). Laterality of eye use for dolphins viewing predictable and unpredictable stimuli. Cetacean Behavior. Gulf Coast Research Lab, The University of Southern Mississippi.
- Lilley, M.** (Feb, 2022). Love is in the Waves: Socio-sexual behavior in belugas. The Jose Miguel Cimadevilla Memorial Seminar Series. St. Mary's University, San Antonio, TX.

### **Oral Presentations**

- Lilley, M.,** Manitzas Hill, H., Ham, J., & Kolodziej, K. (2024, April). Beluga sexual behavior during a longitudinal study: Implications for welfare and conservation. Presentation at International Marine Animal Trainers' Association conference. San Antonio, TX.
- Lilley, M.,** Weatherford, D., Castellanos, I., Raya, A., Wicks, A., & Huynh, H. P. (2024, March). Training the future: Contents of psychology research lab manuals. Presentation at Southwestern Psychological Association. San Antonio, TX.
- Thomas, J., **Lilley, M.,** & Huynh, H. P. (2024, March). Stress and social comparison: Impact on Hispanic students. Presentation at Southwestern Psychological Association. San Antonio, TX.
- Lilley, M.,** Manitzas Hill, H., Ham, J., & Kolodziej, K. (2023, October). Visual displays as cues for learning sexual behavior in belugas. Presentation at ARMADILLO conference. San Marcos, TX.
- Lilley, M.,** Huynh, H. P., Castellanos, I., Raya, A., & Wicks, A. (2023, March). With whom do I compare? Social comparison at an HSI. Presentation at Southwestern Psychological Association. Frisco, TX.
- Lilley, M.,** Ham, J., Forey-Vargas, D., Lozano, A., Paredes, V., Miller, M., & Hill, H. (2022, August). Sex differences in socio-sexual and agonistic s-postures of belugas (*Delphinapterus leucas*). Presentation at Society for Marine Mammalogy. West Palm Beach, FL.
- Ham, J., Brown, B., Kolodziej, K., Mairot-Mendoza, J., **Lilley, M.,** & Hill, H. (2022, August). Can temperament serve as a predictor of future behavioral diversity in beluga (*Delphinapterus leucas*) calves? Presentation at Society for Marine Mammalogy. West Palm Beach, FL.
- Hill, H., Ham, J., & **Lilley, M.** (2022, July). Observations of mating practice by non-sexually mature male belugas (*Delphinapterus leucas*). Virtual presentation at Animal Behavior Society.
- Huynh, H., Sramek, K., Sifuentes, K., **Lilley, M.,** & Bautista, E. (2022, April). Keep calm and be humble: Can intellectual humility predict test anxiety? Presentation at Southwestern Psychological Association. Baton Rouge, LA.
- Lilley, M.,** Ham, J., Forey-Vargas, D., Lozano, A., Paredes, V., Miller, M., & Hill, H. (2021, August). Individual Differences in Socio-sexual and Agonistic S-postures of Belugas (*Delphinapterus leucas*). Presentation at Animal Behavior Society virtual conference.
- Lilley, M.,** Ham, J., Forey-Vargas, D., Lozano, A., Paredes, V., & Hill, H. (2021, April). Differentiating the s-postures of belugas (*Delphinapterus leucas*) in socio-sexual and agonistic interactions. Presentation at Southwestern Psychological Association. San Antonio, TX.
- Ham, J., **Lilley, M.,** Hill, H., & Pellis, S. (2021, April). The development of sexual behaviors through play in beluga whales (*Delphinapterus leucas*). Presentation at Southwestern Psychological Association. San Antonio, TX.
- Lilley, M.,** Ham, J., & Hill, H. (2020, November). Increasing complexity in object play by developing beluga calves in managed care. Presentation at Virtual Psychonomics 2020. Austin, TX.
- Ham, J., **Lilley, M.,** & Hill, H. (2020, November). Do belugas cooperate to engage in social object play? Presentation at Virtual Psychonomics 2020. Austin, TX.
- Lilley, M.,** Ham, J., & Hill, H. (2020, July). Seasonal changes in beluga sociality. Presentation at Animal Behavior Society 2020. Knoxville, TN.

- Hill, H., Ham, J., & **Lilley, M.** (2020, July). Evaluating evidence of aggression in wild belugas through rake mark presence. Presentation at Animal Behavior Society 2020. Knoxville, TN.
- Ham, J., **Lilley, M.**, & Hill, H. (2020, July). Mouth-to-mouth interactions in belugas: Social play, bonding, and motor practice? Presentation at Animal Behavior Society 2020. Knoxville, TX.
- Lilley, M.**, & Hill, H. (2020, April). Evidence that beluga socio-sexual behavior becomes less lateralized over development. Presentation at Southwestern Psychological Association. Frisco, TX. (Conference, cancelled)
- Lilley, M.**, & Hill, H. (2019, October). Lateralization of Beluga Socio-sexual Behavior During Development. Presentation at ARMADILLO 2019. San Antonio, TX.
- Lilley, M.**, & Hill, H. (2019, April). The Importance of Social Group Composition for the Development of Socio-Sexual Behavior in Beluga Whales (*Delphinapterus leucas*) Under Human Care. Presentation at 26<sup>th</sup> Annual International Conference of Comparative Cognition Society 2019. Melbourne, FL.
- Lilley, M.**, de Vere, A., & Keefer, L. (2018, October). Comparing the Utility of Individual Versus Group Narratives for Engaging Audiences in Conservation Behaviors Concerning Marine Mammals. Presentation at Annual International Conservation Marketing and Engagement Congress. Arlington, VA.
- de Vere, A. & **Lilley, M.** (2018, April). What strategies best motivate pro-environmental and animal welfare behavioral intentions? Presentation at Southwestern Psychological Association. Houston, TX.
- Lilley, M.**, de Vere, A., & Yeater, D. (2018, April). Species differences in laterality of eye use for bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) dolphins while viewing unpredictable and predictable stimuli, 25<sup>th</sup> Annual International Conference of Comparative Cognition Society 2018. Melbourne, FL.
- de Vere, A., **Lilley, M.**, & Keefer, L. (2018, March). Are cute and cuddly animals the best choice for promoting pro-environmental behaviors? Presentation at Susan A. Siltanen Graduate Student Research Symposium. Hattiesburg, MS.
- Lilley, M.**, de Vere, A., & Keefer, L. (2018, March). Encouraging helping behavior towards wildlife. Presentation at Susan A. Siltanen Graduate Student Research Symposium. Hattiesburg, MS.
- Lilley, M.**, de Vere, A., & Keefer, L. (2018, March). The effects of perceiving a smiling animal on human's helping behavior. Presentation at Southern Society for Philosophy and Psychology, San Antonio, TX.
- Lilley, M.** (2017, November). The development of social sexual behavior in beluga whales. Presentation at The University of Southern Mississippi's annual Three Minute Thesis competition, Hattiesburg, MS.
- de Vere, A., **Lilley, M.**, & Highfill, L. (2017, October). The convergent validity of personality in Harbour Seals (*Phoca vitulina*) and California Sea Lions (*Zalophus californianus*) using trait rating and behavioral coding. Presentation at Society for Marine Mammalogy Biennial Conference, Halifax, Canada.
- Lilley, M.**, de Vere, A., & Yeater, D. (2017, August). The effects of age on differences in curiosity and laterality of eye use in bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) dolphins. Presentation at Presentation at the Society for Marine

Mammalogy's Southeast Student Chapter Annual Student Research Symposium, Hattiesburg, MS.

- Lilley, M., Yeater, D., de Vere, A., & Kuczaj, S.** (2017, April). Sparking a Dolphin's Curiosity: Individual Differences in Dolphins' Reactions to Surprising and Expectation-Violating Events, 24<sup>th</sup> Annual International Conference of Comparative Cognition Society 2017. Melbourne, FL.
- de Vere, A., **Lilley, M.**, & Highfill, L. (2017, April). A cross-species comparison of personality in harbour seals (*Phoca vitulina*) and California sea lions (*Zalophus californianus*): group- and individual-level patterns of contextual consistency. 24<sup>th</sup> Annual International Conference of Comparative Cognition Society 2017. Melbourne, FL.
- Lilley, M.**, de Vere, A., & Yeater, D. (2017, April). Characterizing curiosity-related behavior of bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) dolphins in response to surprising stimuli. Susan A. Siltanen Graduate Student Research Symposium. Hattiesburg, MS.
- de Vere, A., **Lilley, M.**, & Highfill, L. (2017, April). A cross-species comparison of personality in harbour seals (*Phoca vitulina*) and California sea lions (*Zalophus californianus*). Presentation at Susan A. Siltanen Graduate Student Research Symposium. Hattiesburg, MS.
- Lilley, M.**, de Vere, A., & Yeater, D. (2017, February). Laterality of eye-use and species differences of bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) while watching surprising and unsurprising events. Presentation at the Southeast Evolutionary Perspectives Society Conferences 2017. Tuscaloosa, AL.
- de Vere, A., **Lilley, M.**, & Highfill, L. (2017, February). A Cross-Species Comparison of Pinniped Personality: Harbour Seals (*Phoca vitulina*) and California Sea Lions (*Zalophus californianus*). Presentation at the Southeast Evolutionary Perspectives Society Conferences 2017. Tuscaloosa, AL.
- Lilley, M.** (2016, November). How do bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) dolphins respond to surprising events? Presentation at the Society for Marine Mammalogy's Southeast Student Chapter Annual Student Research Symposium, Gainesville, FL.
- Lilley, M.** (2016, November). Sparking a dolphins' curiosity: Individual differences in dolphins' reactions to surprising and expectation-violating events. Presentation at The University of Southern Mississippi's annual Three Minute Thesis competition, Hattiesburg, MS.

### Poster Presentations

- Castellanos, I., **Lilley, M.**, Raya, A., Wicks, A., Weatherford, D., Huynh, H. P. (2024, March). Academic self-concept differs by type of social comparison at a Hispanic majority institution. Presentation at Southwestern Psychological Association. San Antonio, TX.
- Mayorga, T., Manitzas Hill, H., **Lilley, M.**, Ham, J. (2024, March). What do adult female belugas (*Delphinapterus leucas*) do during breeding season? Presentation at Southwestern Psychological Association. San Antonio, TX.
- Raya, A., **Lilley, M.**, Castellanos, I., Wicks, A., Weatherford, D., Huynh, H. P. (2024, March). Forms of social comparison in different socioeconomic and first-generation status students. Presentation at Southwestern Psychological Association. San Antonio, TX.
- Lilley, M.**, Castellanos, I., Raya, A., & Wicks, A., & Huynh, H. P. (2023, November). With whom do I compare? Social comparison at an HSI. Presentation at Faculty Senate Summit, Texas A&M University – Central Texas.

- Alaniz, S., Manitzas Hill, H., **Lilley, M.**, Kolodziej, K., & Zwahr-Castro, J. (2023, March). The role of attachment in the social behavior of belugas. Presentation at Southwestern Psychological Association. Frisco, TX.
- Lilley, M.**, & Hill, H. (2019, July). The Role of Conspecifics in Socio-Sexual Behavior Development in Belugas Under Human Care. Poster presentation at Behavior 2019. Chicago, IL.
- Lilley, M.**, & Hill, H. (2019, March). The Development of Socio-Sexual Behavior in Beluga Whales (*Delphinapterus leucas*) Under Human Care, Poster presentation at 2<sup>nd</sup> International Workshop on Beluga Whale Research and Conservation. Mystic, CT.
- Lilley, M.** & de Vere, A. (2018, April). The effects of perceiving a smiling animal on humans' helping behavior. Poster presentation at Southwestern Psychological Association. Houston, TX.
- Lilley, M.**, de Vere, A., & Yeater, D. (2017, October). Species differences in laterality of eye use for bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*) dolphins while viewing surprising and unsurprising stimuli. Poster presentation at Society for Marine Mammalogy Biennial Conference, Halifax, Canada.
- Lilley, M.**, de Vere, A., & Yeater, D. (2017, October). Effects of visual environmental enrichment on the behavior of bottlenose (*Tursiops truncatus*) and rough-toothed (*Steno bredanensis*): Examining habituation and the validity of caretaker ratings. Poster presentation at the Association of Zoos and Aquariums, Indianapolis, IN.
- de Vere, A., **Lilley, M.**, & Highfill, L. (2017, October). Effects of visitor presence on the behavior of Harbour Seals (*Phoca vitulina*) and California Sea Lions (*Zalophus californianus*). Poster presentation at the Association of Zoos and Aquariums, Indianapolis, IN.
- Lilley, M.** & Martinez, J. (2012, August). Social Networking, Life at College, and Alcohol Use. Poster presentation at Colgate University's Summer Research Symposium, Hamilton, NY.

## TEACHING EXPERIENCE

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|---|-----------------------|
| <b>Texas A&amp;M University – Central Texas</b>   | Fall 2023-present     |
| <i>Assistant Professor of Psychology</i>  |                       |
| <ul style="list-style-type: none"> <li>• Applied Psychology (graduate course)</li> <li>• Behavioral Science Research</li> <li>• Psychology Major Seminar</li> </ul>   |                       |
| <b>Texas A&amp;M University – San Antonio</b>   | Fall 2020-Summer 2023 |
| <i>Assistant Professor of Psychology</i>  |                       |
| <ul style="list-style-type: none"> <li>• Behavioral Research and Statistics I</li> <li>• Behavioral Research and Statistics II and lab</li> <li>• Introduction to the Psychology Major</li> <li>• Lifespan Development</li> <li>• Writing in Psychology</li> <li>• Human Sexuality</li> </ul> |                       |
| <b>Texas A&amp;M University- San Antonio</b>  | Fall 2018-Summer 2020 |

### *Lecturer of Psychology*

- Behavioral Research and Statistics I
- Writing in Psychology
- General Psychology
- Human Sexuality
- Lifespan Development
- Directed Research
- Comparative Psychology
- Jaguar Tracks IV

## **SERVICE**

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### **University Committees**

*Member, Institutional Review Board, TAMUCT*

*Committee Chair and Pre-dental Advisor, Health Professions Advisory Committee, TAMUSA*

### **Student Organizations**

*Faculty Advisor, Psychology Club, TAMUCT*

*Faculty Advisor, Psi Chi Honor Society, TAMUCT*

*Faculty Advisor, Pre-dental Club, TAMUSA*

*Faculty Advisor, Pre-health Society, TAMUSA*

*Faculty Advisor, Psi Chi Honor Society, TAMUSA*

### **Academic Journals**

*Co-guest editor, Animals, Special Issue: Advances in marine mammal cognition and cognitive welfare*

*Copy Editor, International Journal of Comparative Psychology*

*Ad hoc Reviewer, Animals*

*Ad hoc Reviewer, International Journal of Comparative Psychology*

*Ad hoc Reviewer, Behavioural Processes*

*Ad hoc Reviewer, Peer J*

*Ad hoc Reviewer, Animal Welfare*

*Ad hoc Reviewer, Mammal Study*

*Ad hoc Reviewer, Animal Cognition*

*Ad hoc Reviewer, Aquatic Mammals*

*Ad hoc Reviewer, PLOS ONE*

*Ad hoc Reviewer, Journal of American College Health*

### **Thesis Committees**

*Lyndsy Stacy, TAMUSA, 2023-2024*

### **Community Outreach**

*Panel Organizer and Moderator, Demystifying Research: Working with the Marine Mammal Research Network, International Marine Animal Trainers' Association, April 2024*



*Panelist*, STEMM Pathways and Bridges Program Conference for a Roundtable discussion on Factors that Contribute to the Diversity and Success of Pathway Programs, October 2023  
*Guest Speaker*, No Such Word as Can't podcast hosted by Hazel McBride, September 2023  
*Event Coordinator*, Science Olympiad, Texas A&M University – San Antonio, February 2023  
*Judge*, John Jay Science & Engineering Academy High School Research Fair, December 2020  
*Guest Speaker*, YMCA Teen Achievers Camp, August 2019  
*Judge*, Alamo Regional Academy of Science and Engineering, March 2019  
*Guest Speaker*, Indian Creek Elementary School, Spring 2019  
*Guest Speaker*, Earl C. Davis Primary School, Spring 2018  
*Guest Speaker*, Earl C. Davis Primary School, Fall 2018  
*Guest Speaker*, Earl C. Davis Primary School, Spring 2017

### **Organization Leadership**

*Founding Member*, Marine Mammal Research Network, 2021-present

### **SELECT HONORS AND AWARDS**

<i>1<sup>st</sup> Place Award</i>	2024
Conservation and Education category for oral presentation International Marine Animal Trainers' Association conference San Antonio, TX	
<i>2024 Program of the Year for Student Research Symposium (served as co-Director)</i>	2024
Distinguished Student Leadership and Service Awards Texas A&M University – Central Texas	
<i>5-year Service Award</i>	2023
Texas A&M University- San Antonio San Antonio, TX	
<i>Mays Center Faculty Champion</i>	2022
Texas A&M University- San Antonio San Antonio, TX	
<i>Student Organization Champion Award</i>	2020
Jaguar Awards, Texas A&M University- San Antonio San Antonio, TX	
<i>Excellence in Service to Students Award</i>	2019
The National Society for Leadership and Success, Texas A&M University- San Antonio San Antonio, TX	