

Malin K. Lilley, Ph.D.
Assistant Professor of Psychology
Texas A&M University- San Antonio
Department of Life Sciences
One University Way
San Antonio, Texas 78224

EDUCATION

Degree	Institution
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

TEACHING EXPERIENCE

Texas A&M University- San Antonio <i>Assistant Professor of Psychology</i>	Fall 2020-present
<ul style="list-style-type: none">• Behavioral Research and Statistics I• Behavioral Research and Statistics II and lab• Introduction to the Psychology Major• Lifespan Development• Writing in Psychology• Human Sexuality	
Texas A&M University- San Antonio <i>Lecturer of Psychology</i>	Fall 2018-Summer 2020
<ul style="list-style-type: none">• Behavioral Research and Statistics I• Writing in Psychology	

- General Psychology
- Human Sexuality
- Lifespan Development
- Directed Research
- Comparative Psychology
- Jaguar Tracks IV

The University of Southern Mississippi

Fall 2016-Spring 2018

Instructor of Record

- Statistics for the Behavioral Sciences
- Developmental Psychology
- Careers in Psychology

The University of Southern Mississippi

Fall 2016-Spring 2018

Guest Lecturer

- Neuroscience
- Child Psychology
- Statistics for the Behavioral Sciences
- Careers in Psychology

The University of Southern Mississippi

Fall 2015-Spring 2016

Teaching Assistant

- Behavioral Neuroscience
- Social Psychology
- Senior Seminar

Colgate University

Fall 2013-Spring 2015

Group and Personal Tutor

- Introduction to Neuroscience

RESEARCH FUNDING

National Science Foundation, SBP 2022
Investigating Social Comparison Processes among Undergraduates at a Hispanic Serving Institution (Co-PI – Ho Huynh)
 \$464,392

A&M-SA CoAS, Postdoctoral Fellowship (Co-PI – Ho Huynh) 2021
 \$45,000

PUBLICATIONS

Peer Reviewed Articles

- Ham, J. R., **Lilley, M. K.**, Winchenski, R., Miranda, J., Dedios, A., Kolodziej, K., Pellis, S. M., & Hill, H. M. (under review). Playful mouth-to-mouth interactions of belugas (*Delphinapterus leucas*) in managed care. *Zoobiology*.
- 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/10.1177/003329412111043459>
- 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. doi: 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

- 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

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.,** 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 26th 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, 25th 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, 24th 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. 24th 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

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 2nd 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.

SERVICE

University Committees

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

Student Organizations

Faculty Advisor, Pre-dental Club

Faculty Advisor, Pre-health Society

Faculty Advisor, Psi Chi Honor Society

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, 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

Community Outreach

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

Senator and Co-chair of Fundraising Committee, Graduate Student Senate, The University of Southern Mississippi, 2017-2018

Co-Organizer and host, South East Student Chapter Society for Marine Mammalogy 2017

Student Symposium

President, Marine Conservation Club, The University of Southern Mississippi, 2017-2018 *Event Coordinator*, Marine Conservation Club, The University of Southern Mississippi, 2016-2017

PROFESSIONAL DEVELOPMENT

ACUE 25-week course Effective Teaching Practices	Fall 2021-Spring 2022
ACUE Microcredential- Creating an Inclusive and Supportive Learning Environment	Fall 2021
She+ Geeks Out Unconscious Bias Workshop	April 2021
She+ Geeks Microaggression Workshop	April 2021
Online Learning Consortium Conference	June 2020
Faculty Immersion Program, TAMUSA	Spring 2020

HONORS AND AWARDS

<i>Mays Center Faculty Champion</i> Texas A&M University- San Antonio San Antonio, TX	2022
Nominee for <i>Dr. Maria Hernandez-Ferrier Award</i> JagWomen Rock Awards, Texas A&M University- San Antonio San Antonio, TX	2022
Nominee for <i>Dr. Cynthia Teniete-Matson Award</i> JagWomen Rock Awards, Texas A&M University- San Antonio San Antonio, TX	2022
<i>Certificate of Appreciation</i> U.S. Air Force Recruiting Service San Antonio, TX	2020
<i>Student Organization Champion Award</i> Jaguar Awards, Texas A&M University- San Antonio San Antonio, TX	2020
<i>Excellence in Service to Students Award</i> The National Society for Leadership and Success, Texas A&M University- San Antonio San Antonio, TX	2019
<i>Ron Weisman Graduate Student Award for best oral presentation</i> Comparative Cognition Society Melbourne, FL	2019
<i>Best Graduate Paper</i> (co-authored with Amber de Vere)	2018

Southwestern Psychological Association
Houston, TX

Student Travel Grant to SWPA 2018
Psi Chi Regional Travel Grant

First Place- Oral Presentation 2018
Susan A. Siltanen Graduate Student Research Symposium,
University of Southern Mississippi

First Place- Oral Presentation 2017
Southeast Student Chapter of Society for Marine Mammalogy Symposium
University of Southern Mississippi

Student Travel Grant 2017
Society for Marine Mammalogy

National Estuaries Week CITGO Grant awarded to the Marine Conservation Club 2017
University of Southern Mississippi

The Kuczaj Memorial Travel Grant 2017
National Marine Mammal Foundation

William E. & Nellie K. Edmonston Neuroscience Award 2015
Colgate University

George W. Cobb Award 2015
Colgate University

Charles A. Dana Scholar 2015
Colgate University

Phi Eta Sigma National Academic Honor Society 2012
Colgate University