

Laela S. Sayigh

EDUCATION

- 1992 Ph.D in Biological Oceanography, Massachusetts Institute of Technology/Woods Hole Oceanographic Institution Joint Program
- 1985 B. A., University of Pennsylvania, *summa cum laude* with distinction in Biology and Environmental Studies, minor in Music

EMPLOYMENT

- 2025 – pres Senior Research Specialist, Biology Department, Woods Hole Oceanographic Institution (Research Specialist from 2008-2024; Visiting Investigator from 2005-2008)
- 2024 – pres Full Professor, Hampshire College
(Associate Professor from 2021-2024; Assistant Professor from 2019-2021; Visiting Assistant Professor from 2016-2019)
- 2011 - 2015 Faculty (part time), Massachusetts Maritime Academy
- 2001 - 2005 Associate Professor with tenure, Department of Biological Sciences and Center for Marine Science (CMSR), University of North Carolina Wilmington (UNCW)
(Assistant Professor from 1995-2001; Visiting Assistant Professor from 1994-1995)
- 1993 - 2012 Summer Faculty, Duke University Marine Laboratory
- 1992 - 1994 Assistant Professor, Department of Marine Safety and Environmental Protection, Massachusetts Maritime Academy

TEACHING EXPERIENCE

- 2017-24 Animal Behavior; Marine Mammals; Cognition, Communication and Behavior of Whales and Dolphins; Cetacean Communication and Bioacoustic Analysis; Behavior of Marine and Terrestrial Wildlife of Chilean Patagonia; Behavior of Marine Mammals; Animal Cognition; Hurling to Extinction: Whales in Crisis; Behavior of Marine and Terrestrial Wildlife of the Galapagos (Hampshire College)
- 2022, 2016 Effects of Noise on Aquatic Life (MIT/WHOI joint program)
- 2019 Animal Cognition; Marine Mammal Conservation (freshmen seminars at University of Massachusetts Amherst)
- 2016 Cetacean Communication (Andres Bello University and Melimoyu Ecosystem Research Institute, Santiago, Chile)
- 2015 “The Whale” (University of Chicago/Marine Biological Laboratory)
- 2014, 2012 Marine Mammals (Massachusetts Maritime Academy)
- 2013, 2011 General Biology (Massachusetts Maritime Academy)
- 2012 Topics in Sensory Biology (MIT/WHOI joint program)
- 2011 Biology of Fishes (Massachusetts Maritime Academy)
- 2011 Topics in Marine Animal Behavior (MIT/WHOI joint program)
- 2010 Chemistry (Falmouth Academy)
- 2009 Topics in Marine Mammal Science (MIT/WHOI joint program)
- 1994-2005 Animal Biology; Marine Mammals; Behavioral Ecology; Animal Communication; Field Methods in Marine Mammalogy, Senior seminars, Critique of Scientific Lit. (UNCW)
- 1993-2012 Marine Mammals (Duke University Marine Laboratory; not all years)
- 1992-1994 General Biology, Marine Biology, Biological and Chemical Oceanography, Introductory Chemistry (Massachusetts Maritime Academy)

STUDENT SUPERVISION

- *Hampshire College (2016-pres)*: Supervise/d and serve/d on 58 student committees; supervise/d 26 independent studies and 7 Five College Coastal and Marine Science Certificate students
- *WHOI (2004-pres)*: Supervised 70+ volunteers, summer students and guest students, and 8 high school science fair projects; external examiner for three PhDs (Univ. of British Columbia, Stellenbosch Univ., and Univ. of Queensland) and MSc (Dalhousie Univ.); serve/d on 15 graduate committees (MIT/WHOI, Duke Univ., Univ. of Chicago, Georgetown Univ., Univ. of Massachusetts Dartmouth, Northeastern Univ., Ghent Univ., Ludwig Maximilian Univ. of Munich, Università degli studi di Milano Bicocca, Università di Bologna, Indian Institute of Science Education and Research, University of St. Etienne, Savannah State University)
- *UNCW (1994-2004)*: Supervised 12 graduate students; served on 12 graduate thesis committees; supervised 10 undergraduate honors projects and 60+ graduate and undergraduate directed independent studies

RESEARCH EXPERIENCE

- Field work with a variety of cetacean species, including focal-animal and drone-based behavioral observations, acoustic recordings, photo-identification, catch-and-release work, tagging, playback experiments
- Analysis of acoustic recordings made in a variety of contexts, including hydrophone arrays, contact hydrophones during capture-release, passive acoustic monitors, and digital acoustic recording tags (DTAGs); familiar with various acoustic analysis software programs
- Supervision of student research projects, including project design, data analyses, and writing
- Scientific writing, including writing and editing of manuscripts and proposals
- Statistical data analysis, including utilization of various statistical software packages
- Writing grant proposals and managing budgets for research grants

PROFESSIONAL SERVICE

- Editorial board of *Scientific Data*
- Member of Committee of Scientific Advisors of the Society of Marine Mammalogy
- Organized an [international symposium](#) on marine mammal bioacoustics, held in March 2015
- Co-organized an international workshop on the “Global Library of Underwater Biological Sounds” (GLUBS), held in April 2023
- National Science Foundation Scientific Review Panels for Animal Behavior: 2003, 2007, 2015
- Invited participant of two workshops at the National Institute for Mathematical and Biological Synthesis (NimBios): Analysis of vocal sequences (2013) and Bioacoustic structure (2018)
- Frequent ad hoc reviewer (see list below) of manuscripts, proposals and abstracts
- Judge for student presentations at numerous professional meetings
- Chaired several sessions at scientific meetings
- Adjunct faculty member at UNCW

PEER-REVIEWED PUBLICATIONS

55. Jensen, F., P. Wolters, L. van Zeeland, E. Morrison, G. Ermi, S. Smith, P. Tyack, R. Wells, S. McKennoch, V. Janik, and **L. Sayigh**. 2024. Automatic deep-learning-based classification of bottlenose dolphin signature whistles. In: Popper, A., Sisneros, J., Hawkins, A., Thomsen, F. (eds) *The Effects of Noise on Aquatic Life*. Springer, Cham; https://doi.org/10.1007/978-3-031-10417-6_143-1.
54. Parsons, M., A. Looby, K. Chanda, L. Di Iorio, C. Erbe, F. Frazao, M. Havlik, F. Juanes, M. Lammers, S. Li, T. Lin, S. Linke, T. Mooney, C. Radford, A. Rice, R. Rountree, **L. Sayigh**, R. Sousa-Lima, J. Stanley, K. Thomisch, E. Urban, L. van Zeeland, S. Vela, S. Zuffi, and S. Nedelec. 2024. A global library of underwater biological sounds (GLUBS): an online platform with multiple passive acoustic monitoring applications. In: Popper, A., Sisneros, J., Hawkins, A., Thomsen, F. (eds) *The Effects of Noise on Aquatic Life*. Springer, Cham; https://doi.org/10.1007/978-3-031-10417-6_123-156.
53. **Sayigh, L.S.**, N. El Haddad*, P. L. Tyack, V. M. Janik, R. S. Wells, and F. H. Jensen. 2023. Bottlenose dolphin mothers modify signature whistles in the presence of their own calves. *Proceedings of the National Academy of Sciences*, 120(27); [p.e2300262120](https://doi.org/10.1073/pnas.2300262120).
52. Cones, S.*, M. Dent**, S. Walkes**, A. Bocconcelli, C. DeWind**, K. Arjasbi**, K. Rose, T. Silva*, and **L. Sayigh**. 2022. Probable signature whistle production in Atlantic white-sided (*Lagenorhynchus acutus*) and short-beaked common (*Delphinus delphis*) dolphins near Cape Cod, Massachusetts. *Marine Mammal Science*, 1– 7; <https://doi.org/10.1111/mms.12976>.
51. **Sayigh, L.**, V. Janik, F. Jensen, M. Scott, P. Tyack, and R. Wells. 2022. The Sarasota Dolphin Whistle Database: a unique long-term resource for understanding dolphin communication. *Frontiers in Marine Science*, Marine Conservation and Sustainability, Special Topic: The dolphins of Sarasota Bay: Lessons from 50 years of research and conservation. *Frontiers in Marine Science*, 9:023046; doi: [10.3389/fmars.2022.923046](https://doi.org/10.3389/fmars.2022.923046).
50. Jacobs, E.*, R. Landea-Briones, and **L. Sayigh**. 2022. Temporal trends and effects of noise on upswEEP calls of Eastern South Pacific southern right whales. *Frontiers in Remote Sensing*, 3:909309; doi: [10.3389/frsen.2022.909309](https://doi.org/10.3389/frsen.2022.909309).
49. Parsons, M., T. Lin, T. Mooney, C. Erbe, F. Juanes, M. Lammers, S. Li, S. Linke, A. Looby, S. Nedelec, I. Van Opzeeland, C. Radford, A. Rice, **L. Sayigh**, J. Stanley, E. Urban, and L. Di Iorio. 2022. Sounding the call for a global library of underwater biological sounds. *Frontiers in Ecology and Evolution*, 10:810156; doi: [10.3389/fevo.2022.810156](https://doi.org/10.3389/fevo.2022.810156).
48. Redaelli, L.*, S. Mangia Woods*, R. Landea, and **L. Sayigh**. 2022. Seasonal trends and diel patterns of downsweep and SEP calls in Chilean blue whales. *Journal of Marine Science and Engineering*, 10(3), 316; <https://doi.org/10.3390/jmse10030316>.
47. Silva, T.*, T. Mooney, **L. Sayigh**, and M. Baumgartner. 2019. Temporal and spatial distributions of delphinid species in Massachusetts Bay (USA) using passive acoustics from ocean gliders. *Marine Ecology Progress Series*, 631:1–17; <https://doi.org/10.3354/meps13180>.
46. Kragh, I.M.*, K. McHugh, R. S. Wells, **L.S. Sayigh**, V.M. Janik, P.L. Tyack, and F. H. Jensen. 2019. Signal-specific amplitude adjustment to noise in common bottlenose dolphins (*Tursiops truncatus*). *Journal of Experimental Biology*, 222(23); <https://doi.org/10.1242/jeb.216606>.

PUBLICATIONS, cont.

45. Caruso, F., V. Sciacca, I. Parisi, S. Viola, G. de Vincenzi, A. Bocconcelli, T. A. Mooney, **L. Sayigh**, S. Li, F. Filiciotto, A. Moulins, P. Tepsich, and M. Rosso. 2019. Acoustic recordings of rough-toothed dolphin (*Steno bredanensis*) offshore Eastern Sicily (Mediterranean Sea): information after more than thirty years. The Journal of the Acoustical Society of America 146:EL286-EL292; <https://doi.org/10.1121/1.5126118>
44. Curran, M., K. Patterson and **L. Sayigh**. 2019. Eavesdropping on marine mammal conversations: An activity suitable for the visually impaired. Current: The Journal of Marine Education, 33:(2):33-42; DOI: [10.5334/cjme.35](https://doi.org/10.5334/cjme.35).
43. **Sayigh, L.** and V. Janik. 2019. Individual signatures in animal groups: cetaceans. In: J. Choe (ed) *Encyclopedia of Animal Behavior*, vol 2. Elsevier, pp. 539-549; <https://doi.org/10.1016/B978-0-12-809633-8.90737-4>.
42. Jacobs**, E., M. Duffy**, J. Magolan**, B. Galletti Vernazzani, E. Cabrera, R. Landea, S. Buchan, and **Sayigh, L.** 2018. First acoustic recordings of critically endangered eastern South Pacific southern right whales (*Eubalaena australis*). Marine Mammal Science 35:284-289; <https://doi.org/10.1111/mms.12519>.
41. Saddler**, M. R., A. Bocconcelli, L. Hickmott*, G. Chiang, R. Landea-Briones, P. A. Bahamonde, G. Howes, P. S. Segre*, and **L. S. Sayigh**. 2017. Characterizing Chilean blue whale vocalizations with DTAGs: a test of using tag accelerometers for caller identification. Journal of Experimental Biology, 220(22):4119-4129; <https://doi.org/10.1242/jeb.151498>.
40. **Sayigh, L.**, R. Wells and V. Janik. 2017. What's in a voice? Dolphins do not use voice cues for individual recognition. Animal Cognition, 20:1067-1079; <https://doi.org/10.1007/s10071-017-1123-5>.
39. **Sayigh, L.** and V. Janik. 2017. Signature whistles. In: *Encyclopedia of marine mammals*, 3rd edition. ed. B. Wursig, J. Thewissen, and K. Kovacs. Academic Press: San Diego, pp. 854-856.
38. **Sayigh, L.**, M. Daher, J. Allen, H. Gordon, K. Joyce, C. Stuhlmann**, and P. Tyack. 2016. The Watkins Marine Mammal Sound Database: an online, freely accessible resource. Proceedings of Meetings on Acoustics 27, 040013; <http://doi.org/10.1121/2.0000358>.
37. Caruso, F. *, D. Lizarralde, J. Elsenbeck, J. Collins, W. Zimmer, and **L. Sayigh**. 2016. Detection and tracking of fin whales during seismic exploration in the Gulf of California. Proceedings of Meetings on Acoustics 27, 070021; <http://doi.org/10.1121/2.0000424>.
36. Bocconcelli, A., L. Hickmott*, G. Chiang, P. Bahamonde, F. Caruso*, M. Saddler**, and **L. Sayigh**. 2016. Acoustic behavior of blue whales (*Balaenoptera musculus*) in the Gulf of Corcovado, Chile, recorded on DTAGs. Proceedings of Meetings on Acoustics 27, 040002; <https://doi.org/10.1121/2.0000269>.
35. Colpaert, W. *, R. Landea-Briones, G. Chiang, and **L. Sayigh**. 2016. Blue whales of the Chiloe-Corcovado region, Chile: Potential for anthropogenic noise impacts. Proceedings of Meetings on Acoustics 27, 040009; <https://doi.org/10.1121/2.0000304>.
34. Silva, T. *, T. A. Mooney, **L. Sayigh**, R. Baird, and P. Tyack. 2016. Successful suction-cup tagging of a small delphinid species, *Stenella attenuata*: insights into whistle characteristics. Marine Mammal Science 33:653-668; <https://doi.org/10.1111/mms.12376>.
33. Silva, T.L. *, T. A. Mooney, **L. S. Sayigh**, P. L. Tyack, R. W. Baird, and J. N. Oswald. 2016. Whistle characteristics and daytime dive behavior in pantropical spotted dolphins (*Stenella attenuata*) in Hawai'i measured using digital acoustic recording tags (DTAGs). Journal of the Acoustical Society of America, 140(1):421-429; <https://doi.org/10.1121/1.4955081>.

PUBLICATIONS, cont.

32. Mooney, T. A., M. B. Kaplan*, A. Izzi**, L. Lamoni**, and **L. Sayigh**. 2016. Temporal trends in cusk eel sound production at a proposed US wind farm site. *Aquatic Biology* 24:201-210; <https://doi.org/10.3354/ab00650>.
31. Perrtree, R. M., **L. S. Sayigh**, A. Williford, A. Bocconcelli, M.C. Curran, and T. M. Cox. 2015. First observed wild birth and acoustic record of a possible infanticide attempt on a common bottlenose dolphin (*Tursiops truncatus*). *Marine Mammal Science* 32:376-385; <https://doi.org/10.1111/mms.12248>.
30. Kershenbaum, A., D. Blumstein, M. Roch, C. Akcay, G. Backus, M. Bee, K. Bohn, Y. Cao, G. Carter, C. Casar, M. Coen, S. DeRuiter, L. Doyle, S. Edelman, R. Ferrer-i-Cancho, T. Freeberg, E. Garland, M. Gustison, H. Harley, C. Huetz, M. Hughes, J. Hyland Bruno, A. Ilany, D. Jin, M. Johnson, C. Ju, J. Karnowski, B. Lohr, M. Manser, B. McCowan, E. Mercado III, P. Narins, A. Piel, M. Rice, R. Salmi, K. Sasahara, **L. Sayigh**, Y. Shiu, C. Taylor, E. Vallejo, S. Waller, V. Zamora-Gutierrez. (2014). Acoustic sequences in non-human animals: A tutorial review and prospectus. *Biological Reviews*; <https://doi.org/10.1111/brv.12160>.
29. Kaplan*, M., A. Mooney, **L. Sayigh**, and R. Baird. (2014). Repeated call types in Hawaiian melon-headed whales (*Peponcephala electra*). *Journal of the Acoustical Society of America* 136:1394-1401; <https://doi.org/10.1121/1.4892759>.
28. Kershenbaum A., **L. S. Sayigh**, and V. M. Janik. 2013. The encoding of individual identity in dolphin signature whistles: how much information is needed? *PLoS One* 8(10):e77671, <https://doi.org/10.1371/journal.pone.0077671>
27. **Sayigh, L.** Cetacean Acoustic Communication. 2013. In: *Biocommunication of Animals*, Springer Science+Business Media Dordrecht, pp. 275-297; https://doi.org/10.1007/978-94-007-7414-8_16.
26. Janik, V. and **L. Sayigh**. 2013. Communication in bottlenose dolphins: 50 years of signature whistle research. Special Issue "Sensory Biology of Aquatic Mammals" for the *Journal of Comparative Physiology A*, 199:479-489; <https://doi.org/10.1007/s00359-013-0817-7>.
25. King*, S., **L. Sayigh**, R. Wells, H. Harley, V. Janik. 2013. Vocal copying of individually distinctive signature whistles in bottlenose dolphins. *Proceedings of the Royal Society B* 280:20130053; <https://doi.org/10.1098/rspb.2013.0053>.
24. **Sayigh, L.S.**, N. Quick, G. Hastie and P. Tyack. 2013. Repeated calls of short-finned pilot whales, *Globicephala macrorhynchus*. *Marine Mammal Science* 29:312-324; <https://doi.org/10.1111/j.1748-7692.2012.00577.x>.
23. Janik, V. M., S. L. King, **L. S. Sayigh**, and R. S. Wells. 2013. Identifying signature whistles from recordings of groups of unrestrained bottlenose dolphins (*Tursiops truncatus*). *Marine Mammal Science*, 29:109-122; <https://doi.org/10.1111/j.1748-7692.2011.00549.x>.
22. **Sayigh, L. S.** 2012. Review of "The Dusky Dolphin, Master Acrobat of Different Shores," edited by Bernd and Melany Würsig. *Quarterly Review of Biology* 87:273-4.
21. **Sayigh, L.** and V. Janik. 2010. Dolphin signature whistles. In: M. Breed and J. Moore (eds) *Encyclopedia of Animal Behavior*, vol 1. Oxford: Academic Press, pp. 553-561, <https://doi.org/10.1016/B978-0-08-045337-8.00016-4>.
20. **Sayigh, L.** 2009. The social minds of other species. Review of *Beautiful Minds*, by M. Bearzi and C. Stanford. *Evolutionary Psychology* 7(1):104-109; <https://psycnet.apa.org/doi/10.1177/147470490900700113>.

PUBLICATIONS, cont.

19. Esch, C.*, **L. Sayigh**, J. Blum and R. Wells. 2009. Whistles are potential indicators of stress in bottlenose dolphins. *Journal of Mammalogy* 90(3):638–650; <https://doi.org/10.1644/08-MAMM-A-069R.1>.
18. Esch, C.*, **L. Sayigh** and R. Wells. 2009. Quantification of parameters of signature whistles of bottlenose dolphins. *Marine Mammal Science* 25(4):976-986; <https://doi.org/10.1111/j.1748-7692.2009.00289.x>
17. **Sayigh, L. S.** and V. Janik. 2008. Signature whistles. In: *Encyclopedia of marine mammals*, ed. W. Perrin, J. Thewissen, and B. Wursig. Academic Press: San Diego, pp. 1014-1016.
16. **Sayigh, L.**, C. Esch*, R. Wells and V. Janik. 2007. Facts about bottlenose dolphin signature whistles. *Animal Behaviour* 74:1631-1642; <https://doi.org/10.1016/j.anbehav.2007.02.018>.
15. Haviland-Howell*, G., A. Frankel, C. Powell, A. Bocconcelli, R. Herman and **L. Sayigh**. 2007. Recreational boating traffic: A chronic source of anthropogenic noise in the Wilmington, North Carolina Intracoastal Waterway. *J. of the Acoustical Society of America* 122:151-160; <https://doi.org/10.1121/1.2717766>.
14. Janik, V., **L. Sayigh** and R. Wells. 2006. Signature whistle shape conveys identity information to bottlenose dolphins. *Proceedings of the National Academy of Sciences* 103: 8293-8297; <https://doi.org/10.1073/pnas.0509918103>
13. Halls, J., C. Hanby* and **L. Sayigh**. 2006. Where are the dolphins? A spatial and temporal analysis of dolphin distribution in SE North Carolina. *Applied Geography Conference* 29: 96-105.
12. Cook, M.H.*, **L. Sayigh**, J. Blum and R. Wells. 2004. Signature whistle production in undisturbed, free-ranging bottlenose dolphins (*Tursiops truncatus*). *Proc. Roy. Soc.* 271:1043-1049; <https://doi.org/10.1098/rspb.2003.2610>.
11. Jones*, G., and **L. Sayigh**. 2002. Geographic variation in rates of vocal production of free-ranging bottlenose dolphins. *Marine Mammal Science*. 18:374-393; <https://doi.org/10.1111/j.1748-7692.2002.tb01044.x>.
10. **Sayigh, L. S.** 2002. Signature whistles. In *Encyclopedia of marine mammals*, ed. B. Wursig and W. Perrin. Academic Press: San Diego, pp. 1081-1083.
9. Allen, M.*, A. Read, J. Gaudet, and **L. Sayigh**. 2001. Fine scale habitat selection of foraging bottlenose dolphins near Clearwater, Florida. *Marine Ecology Progress Series* 222:253-264; <https://www.jstor.org/stable/24865330>.
8. **Sayigh, L. S.**, P. L. Tyack, R. S. Wells, A. Solow, M. Scott, and A. B. Irvine. 1999. Individual recognition in wild bottlenose dolphins: a field test using playback experiments. *Animal Behavior* 57:41-50; <https://doi.org/10.1006/anbe.1998.0961>.
7. Tyack, P. L. and **L. S. Sayigh**. 1997. Vocal learning in cetaceans. In *Social Influences on Vocal Development*, ed. C. Snowdon and M. Hausberger, pp. 208-233. Cambridge Univ. Press; <https://psycnet.apa.org/doi/10.1017/CBO9780511758843.011>.
6. **Sayigh, L. S.**, P. L. Tyack, R. S. Wells, M. D. Scott, and A. B. Irvine. 1995. Sex difference in whistle production in free-ranging bottlenose dolphins, *Tursiops truncatus*. *Behavioral Ecology and Sociobiology* 36:171-177; <https://doi.org/10.1007/BF00177793>.
5. **Sayigh, L. S.**, P. L. Tyack and R. S. Wells. 1993. Recording underwater sounds of free-ranging dolphins while underway in a small boat. *Marine Mammal Science* 9:209-213; <https://doi.org/10.1111/j.1748-7692.1993.tb00447.x>.
4. **Sayigh, L. S.**, P. L. Tyack, R. S. Wells and M. D. Scott. 1990. Signature whistles of free-ranging bottlenose dolphins, *Tursiops truncatus*: stability and mother-offspring comparisons. *Behavioral Ecology and Sociobiology* 26:247-260; <https://doi.org/10.1007/BF00178318>.

PUBLICATIONS, cont.

3. Casper, B. B., **L. S. Sayigh** and S. Lee. 1988. Demonstration of cryptic incompatibility in distylous *Amsinckia douglasiana*. *Evolution* 42(2) 248-253, <https://doi.org/10.1111/j.1558-5646.1988.tb04129.x>.
2. Petraitis, P. S. and **L. Sayigh**. 1987. In situ measurement of radular movements of three species of *Littorina* (Gastropoda: Littorinidae). *The Veliger* 29(4):384-387.
1. **Sayigh, L.** and R. Morin. 1986. Summer diet and daily consumption of periphyton of the longnose sucker, *Catostomus catostomus*, in the lower Matamek river, Quebec. *Le Naturaliste Canadien* (Rev. Ecol. Syst.) 113:361-368.

*denotes graduate student, ** denotes undergraduate student

POPULAR PUBLICATIONS

- Sayigh, L.** 2019. Watkins' Lasting Legacy: the Watkins Marine Mammal Sound Database. In: The Voices of Marine Mammals. ed. C. Brophy. Old Dartmouth Historical Society/New Bedford Whaling Museum, pp. 107-116
- Sayigh, L.** and V. Janik. 2017. Cetacean Communication. In: Deep Thinkers: Inside the Minds of Whales, Dolphins and Porpoises. ed. J. Mann. University of Chicago Press: Chicago, pp. 66-91.
- Tyack, P. and **L. Sayigh**. 1989. Those dolphins aren't just whistling in the dark. *Oceanus* 32: 80-83.

REVIEWS

Acta Ethologica, Advances in the Study of Behavior; Animal Behaviour; Animal Cognition; Aquatic Conservation; Aquatic Mammals; Behavioral Ecology; Behavioral Ecology and Sociobiology; Behaviour; Behavioural Processes; Bioacoustics; Biology Letters; Biological Reviews; Biotropica; Canadian Journal of Fisheries and Aquatic Sciences; Canadian Journal of Zoology; Center for Field Research; Current Biology; Diversity; Ecological Modelling; Ecology and Evolution; Endangered Species Research; Ethology; Evolutionary Psychology, Frontiers in Zoology; Frontiers in Marine Science; Frontiers in Remote Sensing; Functional Ecology; Global Ecology and Biogeography; ICES Journal of Marine Science; Joint Industry Partners; Journal of the Acoustical Society of America; Journal of Comparative Psychology; Journal of the Marine Biological Association; Journal of Zoology; Leakey Foundation; Marine Ecology; Marine Ecology Progress Series; Marine Mammal Science; Methods in Ecology and Evolution; National Geographic Society; National Science Foundation; Naturwissenschaften; PLoS ONE; Proceedings of the National Academy of Science; Proceedings of the Royal Society; Science; Royal Society Open; Scientific Reports; SpringerPlus; Trends in Cognitive Sciences; Trends in Ecology and Evolution; Zoo Biology (also additional grant proposals, books, chapters, and abstracts)

MEMBERSHIP IN SOCIETIES

Acoustical Society of America, Animal Behavior Society, Society for Marine Mammalogy, Phi Beta Kappa

INVITED PRESENTATIONS (100+ since 1995; shown are selected talks since 2003)

- 2025: New Bedford Whaling Museum, Collier-Dolittle Competition, WHOI Palm Beach chapter, Brown University, University of Texas Austin
- 2024: Savannah State University, University of Texas Austin, Smith College, WHOI Boston chapter, WHOI Development (Oak Bluffs), Aarhus University (Denmark); AI Roundtable (Global Library of Underwater Sounds)
- 2023: Galapagos Science Center; Morss Colloquium (WHOI); Oberlin College; Women in Ocean Sciences; University of Vermont; Instituto Universitario de Ciencias Psicológicas (Spain), Mount Holyoke College, Sarasota Dolphin Research Program
- 2022: Women's Club of Chatham; Women in Science and Engineering Club (Falmouth Academy); Savannah State University; Kid Wind (WHOI); Duke University; WHOI Dallas chapter; Perkins School for the Blind; Acton Boxborough Regional High School; Norfolk County Agricultural School; KapKa Cooperative School
- 2021: Osher Lifelong Learning Institute, University of North Carolina Wilmington; Perkins School for the Blind; South Hadley Public Library; Savannah State University; Hampshire College
- 2020: Texas A&M Corpus Christi American Cetacean Society Student Coalition; Georgetown University; University of Southern California; Hampshire Animal Behavior Club; University of Massachusetts Amherst
- 2019: National Marine Life Center Teacher Workshop; University of Massachusetts Amherst; Hampshire College
- 2018: WHOI Interdisciplinary Series on Acoustics; WHOI Boston Harbor Science Cruise; Hampshire College
- 2017: State of Wellfleet Harbor Conference; South Florida Museum; Hampshire College; National Marine Life Center Teacher Workshop
- 2016: Mount Holyoke College; University of St. Andrews (Scotland); WHOI Summer Student Lecture Series; Universidad di Chile; Andres Bello University (Chile); Hampshire College
- 2015: National Marine Life Center Teacher Workshop; Hampshire College; Bridgewater State University
- 2014: New Bedford Whaling Museum; Robbins Library; Tokai University, Japan
- 2013: Acoustical Society of America; NIMBioS workshop Knoxville, TN; WHOI Ocean Science Journalism Fellows; Multi-Study Ocean Acoustics Human Effects Analysis workshop NC
- 2012: WHOI Ocean Science Journalism Fellows; Conference on Sensory Biology of Aquatic Mammals; Employees of British Petroleum; Columbia University Journalism students; Duke University; Children's School of Science; Cambridge Science Festival
- 2011: Massachusetts Maritime Academy; Duke University
- 2010: Referential Communication and Cooperation (INCORE), Berlin; Children's School of Science; Woods Hole Sea Grant
- 2009: Cape Cod National Seashore; Aquarium of Genoa
- 2008: University of Massachusetts, Dartmouth; University of St. Andrews
- 2005: Acoustical Society of America
- 2004: Cape Fear Sierra Club; Duke University Marine Laboratory
- 2003: College of Charleston; University of Nevada, Reno

MEETING PRESENTATIONS (160+; shown are those since 2012)

85. El Haddad, N.*, F. Jensen, V. Janik, P. Tyack, R. Wells, and **L. Sayigh**. 2024. Bottlenose dolphin mothers modify signature whistles in the presence of their own calves. Spoken presentation at the 35th annual European Cetacean Society conference, Catania, Sicily, April 2024. (***won award for best student short talk*).
84. D'Souza, M.*, K. Rose, A. Bocconcelli, and **L. Sayigh**. Potential acoustic and environmental predictors of delphinid mass strandings. Spoken presentation at the 35th annual European Cetacean Society conference, Catania, Sicily, April 2024.
83. Jensen, F., P. Wolters, L. van Zeeland, E. Morrison, G. Ermi, S. Smith, P. Tyack, R. Wells, S. McKennoch, V. Janik, and **L. Sayigh**. Automated recognition of bottlenose dolphins based on individually distinct signature whistles. Spoken presentation at the 35th annual European Cetacean Society conference, Catania, Sicily, April 2024.
82. Sayigh, L., C. Stuhlmann, V. Janik, P. Tyack, R. Wells, and **F. Jensen**. 2024. Shared non-signature whistles produced by bottlenose dolphins. Spoken presentation at the 35th annual European Cetacean Society conference, Catania, Sicily, April 2024.
81. Železnik*, J., D. Bittelli*, V. Janik, R. Wells, P. Tyack, **L. Sayigh**, and F. Jensen. 2024. Quantitative within-individual signature whistle variation in bottlenose dolphins. Spoken presentation at the 35th annual European Cetacean Society conference, Catania, Sicily, April 2024.
80. **Sayigh, L.**, V. Janik, F. Jensen, M. Scott, P. Tyack, and R. Wells. 2022. The Sarasota Dolphin Whistle Database: a unique long-term resource for understanding dolphin communication. Spoken presentation at the 25th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, July-Aug 2022.
79. Hyer, M.***, **L. Sayigh**, P. Tyack, V. Janik, K. McHugh, R. Wells, F. Jensen. 2022. Stereotyped non-signature whistles are shared and exchanged between allied common bottlenose dolphin males (*Tursiops truncatus*) in Sarasota Bay, FL. Spoken presentation at the 25th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, July-Aug 2022.
78. Olmstead, C. **, K. Rose and **L. Sayigh**. 2022. Stereotyped disjunct whistle types produced by Atlantic white-sided dolphins, *Lagenorhynchus acutus*. Poster presentation at the 24th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, Florida, August 2022.
77. Redaelli, L. *, S. Mangia Woods*, R. Landea, and **L. Sayigh**. 2022. Temporal patterns of downsweep and SEP Calls in Chilean Blue Whales (*Balaenoptera musculus*). Poster presentation at the 24th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, Florida, August 2022.
76. Silverstein, A. **, P. Tyack, J. Magolan**, W. Lange, and **L. Sayigh**. 2022. Repeated call production of long-finned pilot whales during mass stranding events: evidence for individually specific calls. Poster presentation at the 24th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, Florida, August 2022.
75. Van Horn, C. **, F. Jensen, V. Janik, E. Morrison, R. Wells, and **L. Sayigh**. 2022. Sex difference in non-signature whistle production in bottlenose dolphins. Poster presentation at the 24th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, Florida, August 2022.
74. Wolters, P., L. van Zeeland, F. Jensen, **L. Sayigh**, E. Morrison, G. Ermi, R. Wells, S. McKennoch, and S. Smith. 2022. Deep learning-based recognition of bottlenose dolphin signature whistles. Poster presentation at the 24th Biennial Conference on the Biology of Marine Mammals, West Palm Beach, Florida, August 2022.

MEETING PRESENTATIONS, cont.

73. **Sayigh, L.**, P. Wolters, L. van Zeeland, E. Morrison, G. Ermi, S. Smith, P. Tyack, R. Wells, S. McKennoch, V. Janik, and F. Jensen. 2022. Using a long-term database of bottlenose dolphin signature whistles to develop deep-learning based classification models. Poster presentation at the Effects of Noise on Aquatic Life conference, Berlin, Germany, July 2022.
72. Parsons, M.J., T.H. Lin, T.A. Mooney, C. Erbe, F. Juanes, M. Lammers, S. Li, S. Linke, A. Looby, S.L. Nedelec, I. Van Opzeeland, C. Radford, A. Rice, **L. Sayigh**, J. Stanley, E. Urban, and L. Di Iorio. 2022. A Global Library of Underwater Biological Sound: An online platform with multiple passive acoustic monitoring applications. Poster presentation at the Effects of Noise on Aquatic Life conference, Berlin, Germany, July 2022.
71. **Sayigh, L.**, A. Rozas**, R. Wells, and V. Janik. 2019. Mother-offspring and sibling whistle comparisons in bottlenose dolphins. Spoken presentation at the World Marine Mammal Conference, Barcelona, Spain, December 2019.
70. DeWind, C.*, K. Arjasbi*, A. Bocconcelli, K. Rose, B. Sharp, and **L. Sayigh**. 2019. It is a match! Evidence for whistle matching in common dolphins (*Delphinus delphis*) and Atlantic white-sided dolphins (*Lagenorhynchus acutus*). Poster presentation at the World Marine Mammal Conference, Barcelona, Spain, December 2019.
69. Zimmer, W. M. Casoli*, V. Janik, F. Jensen, K. McHugh, P. Tyack, R. Wells, and **L. Sayigh**. 2019. Clear movement responses by bottlenose dolphins to whistle playbacks. Poster presentation at the World Marine Mammal Conference, Barcelona, Spain, December 2019.
68. Casoli, M*., M. Johnson, F. Havmand Jensen, V. Janik, **L. Sayigh**, K. McHugh, R. Wells, and P. Tyack. 2019. Parameterizing dolphin behaviour with animal attached tags to study acoustic communication. Spoken presentation at the World Marine Mammal Conference, Barcelona, Spain, December 2019.
67. Espanol, S., P. Bahamonde, A. Bocconcelli, C. Cantergiani, L. Hickmott, G. Howes, R. Landea, M. Saddler, **L. Sayigh**, P. Segre, J. Warren, D. Zitterbart, G. Chiang. 2019. Five years studying blue whales in Southern Chile. Spoken presentation at the World Marine Mammal Conference, Barcelona, Spain, December 2019.
66. Rozas**, A., V. Janik, R. Wells, and **L. Sayigh**. 2019. Mother-offspring whistle comparisons in bottlenose dolphins. Poster presentation at the Southeast and Mid Atlantic Marine Mammal Symposium, Georgetown University, March 2019.
65. DeWind**, C., K. Arjasbi, A. Bocconcelli, K. Rose, B. Sharp, and **L. Sayigh**. 2019. Whistle matching in common dolphins (*Delphinus delphis*) and Atlantic white-sided dolphins (*Lagenorhynchus acutus*). Poster presentation at the Southeast and Mid Atlantic Marine Mammal Symposium, Georgetown University, March 2019.
64. **Sayigh, L.**, S. Walkes**, S. Cones**, K. Rose, A. Bocconcelli, M. Baumgartner, J. Partan, B. Sharp, and M. Moore. 2019. Acoustic cues associated with cetacean mass stranding events. Spoken presentation at the Southeast and Mid Atlantic Marine Mammal Symposium, Georgetown University, March 2019.
63. **Sayigh, L.**, S. Walkes**, S. Cones**, K. Rose, A. Bocconcelli, M. Baumgartner, J. Partan, B. Sharp, and M. Moore. 2018. Acoustic cues associated with cetacean mass stranding events. Spoken presentation at the 32nd European Cetacean Society Conference, La Spezia, Italy, April 2018.
62. Kragh*, I., K. McHugh, R. Wells, **L. Sayigh**, P. Tyack, and F. Jensen. 2018. Signal type determines the scope for amplitude adjustment to noise in bottlenose dolphin whistle communication. Poster presentation at the 32nd European Cetacean Society Conference, La Spezia, Italy, April 2018.

MEETING PRESENTATIONS, cont.

61. Bocconcelli, A., F. Caruso, **L. Sayigh**, R. Landea-Briones, G. Chiang, P. Bahamonde, G. Howes, P. Segre*, J. Warren, and L. Hickmott*. 2018. Ship strike risk for blue whales (*Balaenoptera musculus*) in northern Chilean Patagonia is a growing concern. Poster presentation at the 32nd European Cetacean Society Conference, La Spezia, Italy, April 2018.
60. Caruso, F., V. Sciacca, I. Parisi, G. de Vincenzi, A. Bocconcelli, A. Mooney, **L. Sayigh**, S. Li, A. Moulins, P. Tepsich, and M. Rosso. 2018. First record after thirty years of rough-toothed dolphin (*Steno bredansis*) offshore Eastern Sicily. Poster presentation at the 32nd European Cetacean Society Conference, La Spezia, Italy, April 2018.
59. Walkes**, S., S. Cones**, A. Bocconcelli, J. Partan, M. Moore, M. Baumgartner, B. Sharp, K. Rose, and **L. Sayigh**. 2018. Signature whistles as potential indicators of mass stranding events. Spoken presentation at Ocean Sciences, Portland, Oregon, February 2018.
58. **Sayigh, L.**, S. Walkes**, S. Cones**, M. Baumgartner, A. Bocconcelli, J. Partan, M. Moore, K. Rose, B. Sharp. 2017. Acoustic cues associated with cetacean mass stranding events. Spoken presentation at the State of Wellfleet Harbor Conference, Wellfleet, MA, November 2017.
57. **Sayigh, L.**, A. Bocconcelli, A. Cañadas, L. Hickmott*, P. Tyack, and F. Jensen. 2017. Long-finned pilot whale social groups produce shared call types. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.
56. Silva*, T., A. Mooney, **L. Sayigh**, and M. Baumgartner. 2017. Temporal and spatial distribution patterns of odontocetes in Massachusetts Bay using passive acoustics from ocean gliders. Speed talk at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.
55. Evers*, C., F. Jensen, P. Verborgh, R. De Stephanis, P. Gauffier, **L. Sayigh**, and P. Tyack. 2017. Stereotyped structure of acoustic calls in long-finned pilot whales (*Globicephala melas*). Spoken presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.
54. Bocconcelli, A., F. Caruso, **L. Sayigh**, R. Landea-Briones, G. Chiang, P. Bahamonde, G. Howes, P. Segre*, J. Warren, and L. Hickmott*. 2017. Day and night diving behavior of blue whales in the Chiloense Ecoregion of southern Chile. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.
53. Urian, K., S. Horstman, D. Fauquier, S. Barco, K. Clark, J. Conway, P. Doshkov, A. Engelhaupt, A. Gorgone, J. Mann, W. McFee, W. McLellan, D. A. Pabst, A. Read, K. Rittmaster, T. Rowles, **L. Sayigh**, D. Silva, T. Speakman, J. Sullivan, J. Taylor, V. Thayer, J. Toth, and R. Young. 2017. Images of the dead: Photo-identification of stranded bottlenose dolphins yields critical information on life history, fishery interactions and unusual mortality events. Spoken presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.
52. Jacobs**, E., M. Duffy**, J. Magolan**, R. Landea-Briones, and **L. Sayigh**. 2017. First acoustic recordings of endangered Eastern South Pacific southern right whales. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.
51. Duffy**, M., E. Jacobs**, J. Magolan**, R. Landea-Briones, B. Galletti, E. Cabrera, S. Buchan, and **L. Sayigh**. Diel patterns of blue whale (*Balaenoptera musculus*) D calls in the Corcovado Gulf, Chile. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, N.S., October 2017.

MEETING PRESENTATIONS, cont.

50. Tyack, P., F. Jensen, K. McHugh, V. Janik, **L. Sayigh**, R. Wells, and N. Macfarlane*. 2017. Signature whistles in bottlenose dolphins facilitate reunions and advertise identity but are not always necessary for location monitoring. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, Nova Scotia, October 2017.
49. **Sayigh, L.**, R. Landea-Briones, M. Duffy**, J. Magolan**, E. Jacobs**, M. Wood*, W. Colpaert*, E. Cabrera, B. Galletti. 2017. Passive acoustic monitoring provides insights into baleen whale occurrence and ecology in the Chiloense Ecoregion in southern Chile. Poster presentation at the 4th International Marine Protected Areas Congress (IMPAC4), La Serena, Chile, Sept 2017.
48. Saddler**, M., A. Bocconcelli, L. Hickmott*, G. Chiang, R. Landea-Briones, P. Bahamonde, G. Howes, and **L. Sayigh**. 2017. Characterizing Chilean blue whale vocalizations with digital acoustic recording tags: a test of using tag accelerometers for caller identification. Poster presentation at the Acoustical Society of America, Boston, MA, June 2017 (***won award for best student poster presentation in Animal Bioacoustics*).
47. Silva*, T., T. A. Mooney, **L. Sayigh**, and M. Baumgartner. 2017. Temporal and spatial distribution of toothed whales in Massachusetts Bay using passive acoustics from ocean gliders. Poster presentation at the Acoustical Society of America, Boston, MA, June 2017.
46. Macfarlane*, N., V. Janik, F. Jensen, K. McHugh, **L. Sayigh**, R. Wells, and P. Tyack. 2017. Signature whistles facilitate reunions and/or advertise identity in bottlenose dolphins. Spoken presentation (P. Tyack, presenter) at the Acoustical Society of America, Boston, MA, June 2017.
45. **Sayigh, L.**, A. Dziki**, V. Janik, E. Kim**, K. McHugh, P. Tyack, R. Wells, and F. Jensen. 2017. Non-whistle sounds used in bottlenose dolphin aggressive interactions recorded on DTAGs. Poster presentation at the 31st European Cetacean Society Conference, Middelfart, Denmark, May 2017.
44. **Sayigh, L.**, M. Daher, J. Allen, H. Gordon, K. Joyce, and P. Tyack. 2016. The Watkins Marine Mammal Sound Database: an online, freely accessible resource. Poster presentation at the Effects of Noise on Aquatic Life meeting, Dublin, Ireland, July 2016.
43. Bocconcelli, A., L. Hickmott*, G. Chiang, P. Bahamonde, F. Caruso, M. Saddler**, and **L. Sayigh**. 2016. Acoustic behavior of blue whales (*Balaenoptera musculus*) in the Gulf of Corcovado, Chile, recorded on DTAGs. Poster presentation at the Effects of Noise on Aquatic Life meeting, Dublin, Ireland, July 2016.
42. Caruso, F. D. Lizarralde, J. Elsenbeck, J. Collins, W. Zimmer, and **L. Sayigh**. 2016. Detection and tracking of fin whales during seismic exploration in the Gulf of California. Poster presentation at the Effects of Noise on Aquatic Life meeting, Dublin, Ireland, July 2016.
41. Colpaert*, W., R. Landea-Briones, G. Chiang, and **L. Sayigh**. 2016. Blue whales of the Chiloe-Corcovado region, Chile: Potential for anthropogenic noise impacts. Poster presentation at the Effects of Noise on Aquatic Life meeting, Dublin, Ireland, July 2016.
40. **Sayigh, L.**, A. Carroll**, M. Baumgartner, J. Partan, A. Bocconcelli, T. Silva*, K. Moore and M. Moore. 2016. Development of an acoustic mass stranding alert system. Poster presentation at the European Cetacean Society meeting, Madeira, Portugal, March 2016.
39. Caruso, F. D., A. Bocconcelli, G. Chiang, L. Hickmott*, and **L. Sayigh**. 2016. Acoustic behavior of blue whales (*Balaenoptera musculus*) in the Gulf of Corcovado, Chile, recorded on DTAGs. Poster presentation at the European Cetacean Society meeting, Madeira, Portugal, March 2016.

MEETING PRESENTATIONS, cont.

38. Colpaert*, W., W. Zimmer, R. Landea-Briones, G. Chiang, A. Bocconcelli, and **L. Sayigh**. 2016. Blue whales increase call rate in the presence of ship noise in the Chiloe-Corcovado region, Chile. Poster presentation at the European Cetacean Society meeting, Madeira, Portugal, March 2016.
37. Curran, M. C., C.K. Kovacs, J. Thompson, S. Bowen-Stevens*, **L.S. Sayigh**, K. Patterson, and T.M. Cox. 2016. Using marine mammal research as a way to engage K-12 students in the sciences. Southeastern Estuarine Research Society (SEERS), Beaufort, SC, March 2016.
36. Carroll**, A., **L. Sayigh**, M. Baumgartner, J. Partan, A. Bocconcelli, T. Silva*, K. Moore and M. Moore. 2015. Development of an acoustic mass stranding alert system in Wellfleet Harbor. Poster presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
35. Colpaert*, W., W. Zimmer, A. Bocconcelli, R. Landea Briones, and **L. Sayigh**. 2015. Potential effects of anthropogenic noise on blue whale calling behavior in the Chiloé-Corcovado region, Chile. Poster presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
34. Curran, M. C., **L. Sayigh**, and K. Patterson. 2015. Using marine mammal sounds to engage visually impaired students in the sciences. Spoken presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
33. Leon-Lopez*, B., **L. Sayigh**, R. Wells, and V. Janik. 2015. How stable are signature whistles through time? Poster presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
32. Pisani**, T., A. Mooney, A. Izzi**, M. Kaplan*, and **L. Sayigh**. 2015. Grey seal (*Halichoerus grypus*) vocalizations in Nantucket Sound. Poster presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
31. Roberts*, B., F. Jensen, K. McHugh, **L.Sayigh**, P. Tyack, R. Wells, and V. Janik. 2015. Click rates of wild bottlenose dolphins (*Tursiops truncatus*). Poster presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
30. **Sayigh, L.**, C. Stuhlmann**, R. Wells, and V. Janik. 2015. Insights into the role of non-signature whistles in bottlenose dolphin communication. Spoken presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
29. Silva*, T., T. Mooney, **L. Sayigh**, P. Tyack, and R. Baird. 2015. Whistle characteristics and daytime dive behavior in Hawaiian pantropical spotted dolphins. Spoken presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
28. Wood*, M. A. Bocconcelli, R. Landea Briones, and **L. Sayigh**. 2015. Seasonality and distribution of baleen whales in the Chiloe-Corcovado region, Chile, using passive acoustic monitoring. Poster presentation at the 21st Biennial Conference on the Biology of Marine Mammals, San Francisco, CA, 13-18 Dec 2015.
27. Gridley, T., T. Morisaka, M. Blewitt, P. Berggren, O. Boiseau, **L. Sayigh**, V. Janik. 2015. The role of social learning in structuring signature whistle characteristics of bottlenose dolphins. Poster presentation at the Association for the study of Animal Behavior meeting, October 2015.
26. Carroll**, A., **L. Sayigh**, M. Baumgartner, J. Partan, A. Bocconcelli, T. Silva*, K. Moore and M. Moore. 2015. Development of an acoustic mass stranding alert system in Wellfleet Harbor. Poster presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.

MEETING PRESENTATIONS, cont.

25. Caruso*, F., J. Collins, J. Elsenbeck, D. Lizarralde, **L. Sayigh**, and W. Zimmer. 2015. Preliminary results on the detection and tracking of fin whales using data from seismic exploration in the Gulf of California. Poster presentation at the European Cetacean Society Conference, 23-25 March 2015.
24. Caruso*, F., J. Collins, J. Elsenbeck, D. Lizarralde, **L. Sayigh**, and W. Zimmer. 2015. Preliminary results on the detection and tracking of fin whales using data from seismic exploration in the Gulf of California. Poster presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
23. Colpaert*, W., R. Landea Briones, and **L. Sayigh**. 2015. Anthropogenic noise and blue whales in the Chiloé-Corcovado region, Chile. Poster presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
22. Leon-Lopez*, B., **L. Sayigh**, R. Wells, and V. Janik. 2015. Bottlenose dolphin signature whistles: do sex, age and size matter? Spoken presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
21. Pisani**, T., A. Mooney, A. Izzi**, M. Kaplan*, and **L. Sayigh**. 2015. Grey seal (*Halichoerus grypus*) vocalizations in Nantucket Sound. Poster presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
20. **Sayigh, L. S.**, M. A. Daher, J. Allen, H. Gordon, K. Joyce, and P. Tyack. 2015. The Watkins Marine Mammal Sound Database: creating an online, freely accessible resource. Poster presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
19. Silva*, T., T. Mooney, **L. Sayigh**, P. Tyack, and R. Baird. 2015. Whistle characteristics and daytime dive behavior in Hawaiian pantropical spotted dolphins (*Stenella attenuata*). Spoken presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
18. Stuhlmann**, C., **L. Sayigh**, R. Wells, and V. Janik. 2015. The M Whistle: A stereotyped non-signature whistle in free-ranging bottlenose dolphins, *T. truncatus*. Spoken presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, 27-29 March 2015.
17. Wood*, M., A. Carroll**, R. L. Briones, and **L. Sayigh**. 2015. Utilizing passive acoustic monitoring to study baleen whale diversity, distribution, and seasonality off the coast of Chile. Poster presentation at the Watkins Memorial Marine Mammal Bioacoustics Symposium, New Bedford, MA, March 2015.
16. **Sayigh, L.S.**, R.M. Perrtree, A. Williford, M.C. Curran, and T. M. Cox. 2014. Acoustic record of a presumed infanticide attempt by common bottlenose dolphins in Georgia. Spoken presentation at the Animal Behavior Society meeting, Princeton, NJ, 9-13 August 2014.
15. Stuhlmann**, C.E., **L. S. Sayigh**, R. S. Wells, and V. M. Janik. 2014. The M whistle: A stereotyped non-signature whistle in free-ranging bottlenose dolphins, *T. truncatus*. Animal Behavior Society, Princeton, NJ, 9-13 August 2014.
14. Perrtree, R. M., **L. Sayigh**, A. Williford, M. C. Curran, and T. M. Cox. 2014. Visual and acoustic record of a presumed infanticide attempt by common bottlenose dolphins (*Tursiops truncatus*) near Savannah, Georgia. Southeast and Mid Atlantic Marine Mammal Symposium (SEAMAMMS), Wilmington, NC, 28-30 March 2014.
13. Curran, M. C., C. Kovacs, T. M. Cox, and **L.S. Sayigh**. 2014. From charismatic megafauna to parasites: incorporating scientific research into K12 activities. Southeastern Estuarine Research Society (SEERS), Coastal Georgia Center, GA, February 2014.

MEETING PRESENTATIONS, cont.

12. **Sayigh, L.** 2014. Insights into the complex communication system of the common bottlenose dolphin (*Tursiops truncatus*). Invited plenary presentation at the symposium “Dolphin acoustics, behavior and cognition,” Tokai University, Japan, February 2014
11. Curran, M. C., C. Kovacs, T. M. Cox, and **L.S. Sayigh**. 2013. Incorporating cetacean research into K-12 educational activities. 20th Biennial Conference on the Biology of Marine Mammals, Dunedin, NZ, December 2013.
10. **Sayigh, L.**, V. Janik, F. Jensen, K. McHugh, R. Wells, and P. Tyack. 2013. Insights into a complex communication system from DTAGs on bottlenose dolphins. Invited spoken presentation at the Acoustical Society of America special session on “Broadening Applications of Tags to Study Animal Bioacoustics,” San Francisco, CA, December 2013.
9. Kaplan*, M., **L. Sayigh**, L. Lamoni**, and T. A. Mooney. 2013. Passive acoustic monitoring of noise and biological sounds at America’s first offshore wind farm. Acoustical Society of America meeting, San Francisco, CA (Aran Mooney, presenter) December, 2013.
8. Curran, M. C., C. Kovacs, T. M. Cox, and **L.S. Sayigh**. 2013. From charismatic megafauna to parasites: incorporating scientific research into K12 activities. Coastal and Estuarine Research Federation (CERF), San Diego, CA, November 2013.
7. **Sayigh, L.** 2013. Sequential call production in pilot whales: importance of caller ID and context. Invited spoken presentation at the NIMBioS investigative workshop on analysing vocal sequences in animals, Knoxville, TN, October 2013.
6. **Sayigh, L.**, F. Jensen, A. Canadas, L. Hickmott*, A. Bocconcelli, W. Lange, N. Macfarlane*, and P. Tyack. 2013. Potential for using stereotyped calling behavior as a response measure for controlled exposure experiments. Invited spoken presentation at the Multi-Study Ocean Acoustics Human Effects Analysis (MOCHA) workshop on pilot whales, Beaufort, NC, September 2013.
5. Kaplan*, M., **L. Sayigh**, L. Lamoni**, and T. Mooney. 2013. Detection of noise and biological sound at America’s first offshore wind farm. International Bioacoustics Congress, Pirenopolis, Brazil (L. Lamoni, presenter), September 2013.
4. Thean**, T., **L. Sayigh**, A. Kershenbaum, R. Wells, and V. Janik. 2013. Signature whistle models in bottlenose dolphins, *Tursiops truncatus*. 50th Annual Conference of the Animal Behavior Society, Boulder, Colorado, July 2013.
3. Kaplan*, M., **L. Sayigh**, L. Lamoni**, and T. Mooney. 2013. Detection of noise and biological sound at America’s first offshore wind farm. 6th International Workshop on Detection, Classification, Localization, & Density Estimation (DCL&DE) of Marine Mammals using Passive Acoustics, St Andrews, Scotland (primary presenter because M. Kaplan was presenting another poster), June 2013.
2. Thean**, T., V. Janik, R. Wells, and **L. Sayigh**. 2012. Signature whistle models in bottlenose dolphins, *Tursiops truncatus*. National Institute for Mathematical and Biological Synthesis Undergraduate Research Conference, Knoxville, Tennessee, November 2012.
1. **Sayigh, L.**, R. Wells, and V. Janik. 2012. Vocal recognition in bottlenose dolphins. Invited spoken presentation at the Conference on Sensory Biology of Aquatic Mammals, Rostock University, Germany, October 2012.

*denotes graduate student, ** denotes undergraduate student

OUTREACH/MENTORING

- Won the 1st annual “[Coller-Dolittle Prize](#),” interviewed by numerous press organizations, including the [Guardian](#), [Science](#), [Nature](#), [National Geographic](#), and [New Scientist](#)
- Interviewed by numerous press organizations for PNAS paper about dolphin “motherese” including [The Atlantic](#), [Associated Press](#), [National Geographic](#), [Science News](#), [New Scientist](#), [NPR](#), [PRI’s The World](#), [Science](#), [Nature](#), [PNAS podcast](#), and others
- Interviewed by [Scientific American](#) about dolphin whistle database article
- Interviewed by [Wired](#) about AI in animal communication studies
- Awarded WHOI Ocean Communications Fellowship for development of [K-12 activity](#) about ocean noise (2021); presented at several area schools as well as at Perkins School for the Blind
- Co-taught course for high-school age female students with Woods Hole Sea Grant in 2019, 2021-2024; interviewed by [Martha’s Vineyard Times](#) for article about the class
- Naturalist on whale watch for Camp Harbor View Leaders in Training (August 2019)
- Interviewed by several news organizations about Woods Hole Sea Grant funded acoustic mass stranding alert project, including the [Cape Cod Times](#), [Boston Globe](#), and WBZ and [BBC radio](#)
- Led collaborative effort to create [online database](#) of library of marine mammal sounds collected by William Watkins; interviews about the database are featured in [National Parks](#) and [Martha’s Vineyard](#) magazines
- Interviewed for WCAI’s “Science Minutes” (five clips, on air since September 2017; one is [here](#))
- Environmental Literacy Panelist for Woods Hole Sea Grant Site Review (November 2018)
- Interviewed by science journalist Diana Crow, who featured my work in her blog
- Frequent contributor to outreach and media requests, in the form of presentations at schools and other groups and email or phone interviews with students and reporters
- Extensive experience with supervision of student research projects, at the undergraduate and graduate levels; mentored or co-mentored 8 Falmouth Academy science fair projects (2011-18)
- Contributed to COSEE Now’s Broader Impacts Videos (“[Broader Impact Wizard](#)” and “[Potential Audiences for Scientists](#)”)
- Worked with summer student on contributions to the New York Times “[Scientist at Work](#)” blog
- Represented WHOI at Cambridge Science Festival (April 2012)
- [Contributed data](#) and participated in [outreach](#) for Scientific American’s “WhaleFM” project
- PI on two Woods Hole Sea Grant projects to develop K-12 activities, one for the visually impaired
- Worked with K-5 Science Learning Design Group at the Lawrence Hall of Science, University of California, Berkeley, on a book about my work for the 4th grade students entitled “[The Scientist Who Cracked the Dolphin Code](#)” (materials can be supplied upon request)
- [Invited panelist](#) for “Sonic Sea” at Martha’s Vineyard Environmental Film Festival (May 2016)
- Frequently contacted by the press about issues pertaining to dolphins and whales, including [Discover Magazine](#), [Nature World News](#), [Vice](#), [National Geographic](#), [Reuters](#), [New Scientist](#), [Los Angeles Times](#), [New York Times](#), [Discovery Channel](#), [CBS news](#), [Newsweek](#), CNN, [Popular Science](#), , WBZ radio, [Boston Globe](#), [Cape Cod Times](#), [ABC](#), National Public Radio (including [Science Friday](#)), [WGBH](#), Canadian Public Radio Quirks and Quarks, Southern Living, Economist, BBC Wildlife, [Washington Post](#), Wilmington Morning Star, [Wired](#), and an [educational series produced by Scholastic](#)