

**The Sarasota Dolphin Research Program in 2020:
Celebrating 50 Years of Research, Conservation, and Education
Supplemental Publications List**

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The Supplemental Publications List was provided by the Sarasota Dolphin Research Program and includes citations for peer-reviewed publications, book chapters, reports, and books prepared by Sarasota Dolphin Research Program staff, post-doctoral scientists, and students as senior or co-authors, or by collaborators using Sarasota dolphin data. The list also includes doctoral dissertations and Master's theses that benefited from association with the Sarasota Dolphin Research Program through field research opportunities and/or access to data, samples, or guidance.

Sarasota Dolphin Research Program Publications: 24 July 2020

Doctoral Dissertations – Completed

- Ardente, A. 2016. Investigation of the role nutrition plays in the development of ammonium urate nephrolithiasis in common bottlenose dolphins, *Tursiops truncatus*. Ph.D. dissertation, University of Florida, College of Veterinary Medicine.
- Baker, I. 2018. Life history, behaviour and social structure of bottlenose dolphins (*Tursiops truncatus*) in the Shannon Estuary, Ireland. Ph.D. dissertation, Galway Mayo Institute of Technology.
- Balmer, B. C. 2011. Bottlenose dolphin (*Tursiops truncatus*) stock structure within the estuaries of southern Georgia. Ph.D. dissertation, University of North Carolina Wilmington. 134 pp.
- Burdett Hart, L. 2011. The use of longitudinal and cross-sectional photographic data to study skin disease in wild bottlenose dolphins (*Tursiops truncatus*). Ph.D. dissertation, Medical University of South Carolina. 184 pp.
- Cammen, K. M. 2014. The influence of genetic variation on susceptibility of common bottlenose dolphins (*Tursiops truncatus*) to harmful algal blooms. Ph.D. dissertation, Duke University.
- Cook, M. L. H. 2006. Effects of the environment on bottlenose dolphin hearing. Ph.D. dissertation, University of South Florida.
- Dunsha, G. 2012. Ecological diagnostics for marine mammals: Appraisal of molecular-based methods for dietary and age estimation. Ph.D. dissertation, University of Tasmania.
- Dussán Duque, B. S. 2013. Ecology of the Guiana dolphin (*Sotalia guianensis*) in the Southern area of the Gulf of Morrosquillo, Colombia: Implications for conservation. Ph.D. dissertation, University of St. Andrews, Scotland.
- Fauquier, D. A. 2013. Impacts of *Karenia brevis* harmful algal blooms on piscivorous birds in Sarasota Bay, Florida. Ph.D. dissertation, Ocean Sciences Dept., University of California, Santa Cruz.
- Fire, S. 2006. Effects of *Karenia brevis* blooms on wild coastal bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. Ph.D. dissertation, Ocean Sciences Dept., Univ. of California, Santa Cruz.
- Flores, P. A. C. 2003. Ecology of the marine dolphin (*Sotalia fluviatilis*) in southern Brazil. Ph.D. dissertation, Pontificia Universidade Católica do Rio Grande do Sul.
- Fougères, E. 2008. Thermoregulation in bottlenose dolphins. Ph.D. dissertation, University of North Carolina, Wilmington.
- Houde, M. 2006. Emerging organohalogen contaminants in bottlenose dolphins (*Tursiops truncatus*). Ph.D. dissertation, University of Guelph. 312 pp.
- Jones, B. 2019. Communication accommodation theory: A dolphin perspective. Ph.D. dissertation, University of St. Andrews, Scotland.
- McHugh, K. 2010. Behavioral development of free-ranging juvenile bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. Ph.D. dissertation, Animal Behavior Group, University of California, Davis.
- Mendez, M. 2010. Environmental factors to population structure in mobile marine organisms: A combined genetic-oceanographic approach in coastal cetaceans. Ph.D. dissertation, Columbia University.
- Nowacek, D. P. 1999. Sound use, sequential behavior and ecology of foraging bottlenose dolphins, *Tursiops truncatus*. Ph.D. dissertation, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution.
- Owen, E. C. G. 2003. The reproductive and ecological functions of the pair-bond between allied, adult male bottlenose dolphins, *Tursiops truncatus*, in Sarasota Bay, Florida. Ph.D. dissertation, Ocean Sciences Department, University of California, Santa Cruz. 310 pp.
- Phillips, G. T. 2016. Passive acoustics: A multifaceted tool for marine mammal conservation. Ph.D. dissertation, Duke University.
- Powell, J. 2019. Bone mineral density of the bottlenose dolphin, *Tursiops truncatus*: A proposed model for monitoring osteological and ecosystem health. Ph.D. dissertation, Portland State University.
- Quintana-Rizzo, E. 2006. Group fission-fusion dynamics and communication in the bottlenose dolphin (*Tursiops truncatus*). Ph.D. dissertation, University of South Florida. 166 pp.
- Rossmann, S. 2014. The foraging habits of bottlenose dolphins: Insights into temporal, demographic, and individual variation. Ph.D. dissertation, Michigan State University.
- Sayigh, L. S. 1992. Development and functions of signature whistles of free-ranging bottlenose dolphins, *Tursiops truncatus*. Ph.D. dissertation, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution.
- Shippee, S. F. 2014. Movements, fishery interactions, and unusual mortalities of bottlenose dolphins. Ph.D. dissertation, University of Central Florida.
- Simard, P. 2012. Dolphin sound production and distribution on the West Florida Shelf. Ph.D. dissertation, Univ. of South Florida.
- Sprogis, K. R. 2015. Sex-specific patterns in abundance, home ranges and habitat use of Indo-Pacific bottlenose dolphins (*Tursiops aduncus*) in south-western Australia. Ph.D. dissertation, Murdoch University, Australia.
- Thayer, V. G. 2007. Life history parameters and social associations of female bottlenose dolphins (*Tursiops truncatus*) off North Carolina, USA. Ph.D. dissertation, Duke University.
- Toms, C. 2019. Filling the gaps: Common bottlenose dolphin population dynamics, structure, and connectivity within Florida Panhandle bays, sounds, and estuaries. Ph.D. dissertation, University of Central Florida.
- Watwood, S. L. 2003. Whistle use and whistle sharing by allied male bottlenose dolphins (*Tursiops truncatus*). Ph.D. dissertation, Massachusetts Institute of Technology and Woods Hole Oceanographic Institution, Woods Hole, MA. 227 pp.
- Weideman, H. 2019. Contour-based instance recognition of animals. Ph.D. dissertation, Rensselaer Polytechnic Institute.
- Wells, R. S. 1986. Structural aspects of dolphin societies. Ph.D. dissertation, University of California, Santa Cruz. 234 pp.
- Wilkinson, K. A. 2018. Understanding risk mitigation by common bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida through analysis of group size, habitat use, and perinatal movements. Ph.D. dissertation, University of Florida.
- Yordy, J. E. 2009. Persistent Organic Pollutant (POP) mixtures in wild bottlenose dolphins: The influences of life history, dietary exposure, physiology and their potential for endocrine disruption. Ph.D. dissertation, Medical University of South Carolina. 169 pp.

Master's Theses – Completed

- Balmer, B. C. 2007. Seasonal abundance, site-fidelity, and utilization areas of bottlenose dolphins in St. Joseph Bay, Florida. M.Sc. thesis, University of North Carolina, Wilmington.
- Barbieri, M. 2005. Physiological and behavioral thermoregulation in bottlenose dolphins (*Tursiops truncatus*) in Sarasota, Florida. M.Sc. thesis, University of North Carolina, Wilmington. 69 pp.
- Bassos, M. K. 1993. A behavioral assessment of the reintroduction of two bottlenose dolphins. M.Sc. thesis, University of California, Santa Cruz.
- Bryan, C. E. 2006. Non-lethal monitoring of trace elements in bottlenose dolphin, *Tursiops truncatus*. M.Sc. thesis, College of Charleston. 171 pp.
- Buckstaff, K. C. 2003. Effects of watercraft noise on the acoustic behavior of bottlenose dolphins, *Tursiops truncatus*, in Sarasota Bay, Florida. M.Sc. thesis, University of California, Santa Cruz. 37 pp.
- Driscoll-Lind, A. 1995. The whistles of Hawaiian spinner dolphins. M.Sc. thesis, University of California, Santa Cruz. 82 pp.
- Esch, C. 2006. Whistles as potential indicators of stress in bottlenose dolphins (*Tursiops truncatus*). M.Sc. thesis, University of North Carolina, Wilmington.

- Fazioli, K. L. 1999. Distribution, relative abundance, and community structure of coastal bottlenose dolphins (*Tursiops truncatus*) in the Gulf of Mexico off Sarasota, Florida. M.Sc. thesis, University of California, Santa Cruz.
- Fuhs, V. S. 2007. Spatial relationships of spinner dolphins, (*Stenella longirostris*) mother-calf pairs, Island of Hawaii. M.Sc. thesis, Western Illinois University. 37 pp.
- Gryzbek, M. K. 2013. A visual body condition index for bottlenose dolphins (*Tursiops truncatus*). M.Sc. thesis. Dept. of Wildlife, Ecology, and Conservation. University of Florida, Gainesville, FL.
- Hooper, L. 2020. Assessing human-dolphin interaction in Southwest Florida: Insights through injuries, strandings, and tour operator compliance. M.Sc. thesis, Florida State University.
- Klatsky, L. J. 2004. Movement and dive behavior of bottlenose dolphins (*Tursiops truncatus*) near the Bermuda Pedestal. M.Sc. thesis, San Diego State University.
- Küss, K. M. 1998. The occurrence of PCBs and chlorinated pesticide contaminants in bottlenose dolphins in a resident community: Comparison with age, gender and birth order. M.Sc. thesis, Nova Southeastern University.
- Mallete, S. 2013. Ontogenetic allometry and body composition of the common bottlenose dolphin (*Tursiops truncatus*) from the US mid-Atlantic. M.Sc. thesis, University of North Carolina, Wilmington.
- Meagher, E. M. 2001. Respiration, heart rate and heat flux across the dorsal fin in bottlenose dolphins, *Tursiops truncatus*. M.Sc. thesis, University of North Carolina, Wilmington. 44 pp.
- Moors, T. L. 1997. Is “menage a trois” important in dolphin mating systems? Behavioral patterns of breeding female bottlenose dolphins. M.Sc. thesis, University of California, Santa Cruz.
- Noriega Betancourt, F. 2016. A comparative analysis of the spatial and temporal distributions of bottlenose dolphin (*Tursiops truncatus*) and recreational boating in Sarasota Bay, Florida. M.Sc. thesis, School of Forest Resources and Conservation, Institute of Food and Agricultural Sciences. University of Florida, Gainesville, FL.
- Nowacek, S. M. 1999. The effects of boat traffic on bottlenose dolphins, *Tursiops truncatus*, in Sarasota Bay, Florida. M.Sc. thesis, University of California, Santa Cruz.
- Owen, C. F. W. 2001. A comparison of maternal care by primiparous and multiparous bottlenose dolphins, *Tursiops truncatus*: Does parenting improve with experience? M.Sc. thesis, University of California, Santa Cruz.
- Powell, J. 2009. Depredation and angler interactions involving bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. M.Sc. thesis, University of South Florida, St. Petersburg.
- Quintana-Rizzo, E. 1999. Associations and habitat use of resident and non-resident bottlenose dolphins, *Tursiops truncatus* (Montagu 1821), in the Cedar Keys, Florida: Insights into social organization. M.Sc. thesis, University of Florida.
- Robles Malagamba, M. J. 2016. Characterization of the microbiome among free-ranging bottlenose dolphins (*Tursiops truncatus*). M.Sc. thesis, College of Veterinary Medicine. University of Florida, Gainesville, FL.
- Ronje, E. 2019. Abundance and distribution of a common bottlenose dolphin metapopulation in North Texas. M.Sc. thesis, Fisheries and Aquatic Sciences, University of Florida, Gainesville, FL.
- Sellas, A. B. 2002. Population structure and group relatedness of bottlenose dolphins (*Tursiops truncatus*) in the coastal Gulf of Mexico using mitochondrial DNA and nuclear microsatellite markers. M.Sc. thesis, University of California, Santa Cruz.
- Siegal, E. 2015. Identifying the causes of human-dolphin interactions using spatially explicit capture-recapture methods. M.Sc. thesis, Applied Marine and Fisheries Ecology, University of Aberdeen. 53 pages.
- Tyson, R. 2008. Abundance of bottlenose dolphins (*Tursiops truncatus*) in the Big Bend of Florida, St. Vincent Sound to Alligator Harbor. M.Sc. thesis, Florida State University.
- Urian, K. W. 2002. Community structure of bottlenose dolphins (*Tursiops truncatus*) in Tampa Bay, Florida, USA. M.Sc. thesis, University of North Carolina, Wilmington. 26 pp.
- Vedder, J. 1996. Levels of organochlorine contaminants in milk relative to health of bottlenose dolphins (*Tursiops truncatus*) from Sarasota, Florida. M.Sc. thesis, University of California, Santa Cruz.
- Waples, D. M. 1995. Activity budgets of free-ranging bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay. M.Sc. thesis, University of California, Santa Cruz.
- Weiss, J. 2003. Importance of matrilineal lines in the transmission of foraging specializations of bottlenose dolphins (*Tursiops truncatus*) within Sarasota Bay, Florida. M.Sc. thesis, Duke University.
- Wells, R. S. 1978. Home range characteristics and group composition of Atlantic bottlenose dolphins, *Tursiops truncatus*, on the west coast of Florida. M.Sc. thesis, University of Florida.
- Wilkinson, K. A. 2014. An analysis of shark bites on resident bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida, and implications for habitat use. M.Sc. thesis, Dept. of Wildlife, Ecology, and Conservation. University of Florida, Gainesville, FL.

Books

- Norris, K. S., B. Würsig, R. S. Wells, and M. Würsig. 1994. The Hawaiian Spinner Dolphin. University of California Press, Los Angeles. 435 pp.
- Pringle, L. and R. S. Wells. 1995. Dolphin Man: Exploring the World of Dolphins. New York: Atheneum Books for Young Readers. 42 pp.
- Reynolds III, J. E., R. S. Wells, and S. D. Eide. 2000. The Bottlenose Dolphin: Biology and Conservation. University Press of Florida. 289 pp.
- Pringle, L., and R. S. Wells. 2002. Dolphin Man: Exploring the World of Dolphins. Honesdale, PA: Boyds Mills Press. 42 pp. (revised and reprinted from 1995 volume)
- Reynolds III, J. E., and R. S. Wells. 2003. Dolphins, Whales, and Manatees of Florida: A Guide to Sharing Their World. University Press of Florida.

Published Peer-Reviewed Journal Articles and Book Chapters

- Ackerman, B. B., T. D. Pitchford, B. L. Weigle, J. E. Reynolds III, R. S. Wells, and M. A. Baran. 1999. Marine mammals. Chapter 11. Marine mammals. Pp. 11-1-11-11 In: J. R. Pribble, A. J. Janicki and H. Greening, eds., Baywide Environmental Monitoring Report, 1993-1998, Tampa Bay, Florida. Tampa Bay Estuary Program, Technical Publication 07-99. St. Petersburg, Florida. July 1999.
- Adimey, N. M., C. A. Hudak, J. R. Powell, K. Bassos-Hull, A. Foley, N. A. Farmer, L. White, and K. Minch. 2014. Fishery gear interactions from stranded bottlenose dolphins, Florida manatees and sea turtles in Florida, USA. Marine Pollution Bulletin 81(1): 103-115.
- Aksenov, A., L. Yeates, A. Pasamontes, C. Siebe, Y. Zrodnikov, J. Simmons, M. McCartney, J.-P. Delplanque, R. Wells, and C. Davis. 2014. Metabolite content profiling of bottlenose dolphin exhaled breath. *Analytical Chemistry* 2014; 140925142838003. <https://doi.org/10.1021/ac5024217>
- Andrews, R. D., R. W. Baird, J. Calambokidis, C. E. C. Goertz, F. M. D. Gulland, M. P. Heide-Jørgensen, S. K. Hooker, M. Johnson, B. Mate, Y. Mitani, D. P. Nowacek, K. Owen, L. T. Quakenbush, S. Raverty, J. Robbins, G. S. Schorr, O. V. Shpak, F. I. Townsend, Jr., M. Uhart, R. S. Wells, and A. N. Zerbini. 2019. Best practice guidelines for cetacean tagging. *Journal of Cetacean Research and Management* 20: 27-66.
- Ardente, A. J., T. J. Garrett, J. Colee, B. J. Vagt, M. T. Walsh, R. S. Wells, C. R. Smith, E. D. Jensen, T. L. Schmitt, and R. C. Hill. 2017. Differences in purine metabolite concentrations in the diet of managed and free-ranging common bottlenose dolphins, (*Tursiops truncatus*). *Aquatic Mammals* 43: 618-628. <https://doi.org/10.1578/AM.43.6.2017.618>
- Ardente, A. J., R. S. Wells, C. R. Smith, M. T. Walsh, E. D. Jensen, T. L. Schmitt, J. Colee, B. J. Vagt, and R. C. Hill. 2017. Dietary cation-anion difference may explain why ammonium urate nephrolithiasis occurs more frequently in common bottlenose dolphins (*Tursiops truncatus*) under human care than in free-ranging common bottlenose dolphins. *Journal of Animal Science*. <https://doi.org/10.2527/jas2016.1113>.
- Au, W., J. Ford, L. M. Herman, P. Nachtigall, S. Ridgway, J. Thomas, R. Wells, H. Whitehead, C. M. Johnson, and D. L. Herzog. 2015. Visions

- of the future. Pp. 271-298 In: D. L. Herzog and C. M. Johnson, eds., *Dolphin Communication and Cognition: Past, Present, and Future*. Cambridge, MA: The MIT Press.
- Baker, I., J. O'Brien, K. McHugh, and S. Berrow. 2017. An ethogram for bottlenose dolphins (*Tursiops truncatus*) in the Shannon Estuary, Ireland. *Aquatic Mammals* 43: 594-613. <https://doi.org/10.1578/AM.43.6.2017.594>.
- Baker, I., J. O'Brien, K. McHugh, and S. Berrow. 2019. Fine-scale sociality reveals female-male affiliations and absence of male alliances in bottlenose dolphins (*Tursiops truncatus*) in the Shannon Estuary, Ireland. *Marine Mammal Science* 2019; 1-23. <https://doi.org/10.1111/mms.12631>
- Balmer, B. C., R. S. Wells, S. M. Nowacek, D. P. Nowacek, L. H. Schwacke, W. A. McLellan, F. S. Scharf, T. K. Rowles, L. J. Hansen, T. R. Spradlin, and D. A. Pabst. 2008. Seasonal abundance and distribution patterns of common bottlenose dolphins (*Tursiops truncatus*) near St. Joseph Bay, Florida, USA. *J. of Cetacean Research and Management* 10: 157-167.
- Balmer, B. C., L. H. Schwacke, and R. S. Wells. 2010. Linking dive behavior to satellite-linked tag condition for a bottlenose dolphin (*Tursiops truncatus*) along Florida's northern Gulf of Mexico coast. *Aquatic Mammals* 36: 1-8.
- Balmer B. C., L. H. Schwacke, R. S. Wells, R. C. George, J. Hoguet, J. R. Kucklick, S. M. Lane, A. Martinez, W. A. McLellan, P. E. Rosel, T. K. Rowles, K. Sparks, T. Speakman, E. S. Zolman, and D. A. Pabst. 2011. Relationship between persistent organic pollutants (POPs) and ranging patterns in common bottlenose dolphins (*Tursiops truncatus*) from coastal Georgia, USA. *Science of the Total Environment* 409: 2094-2101.
- Balmer, B. C., R. S. Wells, L. H. Schwacke, T. K. Rowles, C. Hunter, E. S. Zolman, F. I. Townsend, B. Danielson, A. J. Westgate, W. A. McLellan, and D. A. Pabst. 2011. Evaluation of a single-pin, satellite-linked transmitter deployed on bottlenose dolphins (*Tursiops truncatus*) along the coast of Georgia, U.S.A. *Aquatic Mammals*. 37: 187-192.
- Balmer, B. C., R. S. Wells, L. H. Schwacke, J. H. Schwacke, B. Danielson, R. C. George, S. M. Lane, W. A. McLellan, D. A. Pabst, K. Sparks, T. R. Speakman, F. I. Townsend, and E. S. Zolman. 2013. Integrating multiple techniques to identify stock boundaries of common bottlenose dolphin (*Tursiops truncatus*). *Aquatic Conservation: Marine and Freshwater Ecosystems*. <https://doi.org/10.1002/aqc.2357>
- Balmer, B. C., L. H. Schwacke, R. S. Wells, J. D. Adams, R. C. George, S. M. Lane, W. A. McLellan, P. E. Rosel, K. Sparks, T. Speakman, E. S. Zolman, and D. A. Pabst. 2013. Comparison of abundance and habitat usage for common bottlenose dolphins between sites exposed to differential anthropogenic stressors within the estuaries of southern Georgia, U.S.A. *Marine Mammal Science* 29(2): E114-E135. <https://doi.org/10.1111/j.1748-7692.2012.00598.x>.
- Balmer, B. C., R. S. Wells, L. E. Howle, A. A. Barleycorn, W. A. McLellan, D. A. Pabst, T. K. Rowles, L. H. Schwacke, F. I. Townsend, A. J. Westgate, and E. S. Zolman. 2014. Advances in cetacean telemetry: A review of single-pin transmitter attachment techniques on small cetaceans. *Marine Mammal Science* 30: 656-673.
- Balmer, B., C. Sinclair, T. Speakman, B. Quigley, K. Barry, C. Cush, M. Hendon, K. Mullin, E. Ronje, P. Rosel, L. Schwacke, R. Wells, and E. Zolman. 2016. Extended movements of common bottlenose dolphins (*Tursiops truncatus*) along the northern Gulf of Mexico's central coast. *Gulf of Mexico Science* 33(1): 93-97.
- Balmer, B. C., G. M. Ylitalo, L. E. McGeorge, K. L. Baugh, D. Boyd, K. D. Mullin, P. E. Rosel, C. Sinclair, R. S. Wells, E. S. Zolman, and L. H. Schwacke. 2015. Persistent organic pollutants (POPs) in blubber of common bottlenose dolphins (*Tursiops truncatus*) along the northern Gulf of Mexico coast, USA. *Science of the Total Environment Volumes* 527-528: 306-312, ISSN 0048-9697
- Balmer, B., T. McDonald, F. Hornsby, J. Adams, J. Allen, A. Barleycorn, P. Clarke, C. Cush, A. Honaker, K. McHugh, T. Speakman, R. Wells, and L. Schwacke. 2018. Long-term trends in a northern Gulf of Mexico common bottlenose dolphin (*Tursiops truncatus*) population in the wake of the *Deepwater Horizon* oil spill. *J. Cet. Res. Management*. 18: 1-9.
- Balmer, J. E., G. M. Ylitalo, T. K. Rowles, K. D. Mullin, R. S. Wells, F. I. Townsend, R. W. Pearce, J. L. Bolton, E. S. Zolman, B. C. Balmer, and L. H. Schwacke. 2018. Persistent organic pollutants (POPs) in blood and blubber of common bottlenose dolphins (*Tursiops truncatus*) at three northern Gulf of Mexico sites following the *Deepwater Horizon* Oil Spill. *Science of the Total Environment* 621: 130-137.
- Barbieri, M. M., W. A. McLellan, R. S. Wells, J. A. Blum, S. Hofmann, J. Gannon, and D. A. Pabst. 2010. Using infrared thermography to assess seasonal trends in dorsal fin surface temperatures of free-swimming bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. *Marine Mammal Science* 26: 53-66.
- Barratclough, A., R. S. Wells, L. H. Schwacke, T. K. Rowles, F. M. Gomez, D. A. Fauquier, J. C. Sweeney, F. I. Townsend, L. J. Hansen, E. S. Zolman, B. C. Balmer, and C. R. Smith. 2019. Health assessments of common bottlenose dolphins (*Tursiops truncatus*): Past, present, and potential conservation applications. *Frontiers in Veterinary Science*. <https://doi.org/10.3389/fvets.2019.00444>
- Barros, N. B., and R. S. Wells. 1998. Prey and feeding patterns of resident bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. *J. Mammalogy* 79(3): 1045-1059.
- Barros, N. B., P. Ostrom, C. Stricker, and R. S. Wells. 2010. Stable isotopes differentiate bottlenose dolphins off west central Florida. *Marine Mammal Science*. 26: 324-336.
- Bassos, M. K., and R. S. Wells. 1996. Effect of pool size/shape on the behavior of two bottlenose dolphins. *Marine Mammal Science*, 12: 321-324.
- Bassos-Hull, K., R. Perrtree, C. Shepard, S. Schilling, A. Barleycorn, J. Allen, B. Balmer, W. Pine, and R. Wells. 2013. Long-term site fidelity and seasonal abundance estimates of common bottlenose dolphins (*Tursiops truncatus*) along the southwest coast of Florida and responses to natural perturbations. *J. of Cetacean Research and Management* 13: 19-30.
- Beal, A., J. J. Kiszka, R. S. Wells, and J. M. Eirín-Lopez. 2019. The Bottlenose dolphin Epigenetic Aging Tool (BEAT): A molecular age estimation tool for small cetaceans. *Frontiers in Marine Science*. <https://doi.org/10.3389/fmars.2019.00561>
- Bejarano, A. C., R. S. Wells, and D. P. Costa. 2017. Development of a bioenergetic model for estimating energy requirements and prey biomass consumption of the bottlenose dolphin *Tursiops truncatus*. *Ecological Modelling* 356: 162-172. <https://doi.org/10.1016/j.ecolmodel.2017.05.001>
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- Bik, E. M., E. K. Costello, A. D. Switzer, B. J. Callahan, S. P. Holmes, R. S. Wells, K. P. Carlin, E. D. Jensen, S. Venn-Watson, and D. A. Relman. 2016. Marine mammals harbor unique microbiotas shaped by and yet distinct from the sea. *Nature Communications*. <https://doi.org/10.1038/ncomms10516>.
- Boggs, A. S. P., J. M. Ragland, E. S. Zolman, T. B. Schock, J. S. Morey, T. M. Galigan, G. Dalle Luche, B. C. Balmer, R. S. Wells, J. R. Kucklick, and L. H. Schwacke. 2019. Remote blubber sampling paired with liquid chromatography tandem mass spectrometry for steroidal endocrinology in free-ranging bottlenose dolphins (*Tursiops truncatus*). *General and Comparative Endocrinology* 281: 164-172. <https://doi.org/10.1016/j.ygcen.2019.06.006>
- Borobia, M., D. M. Palacios, R. S. Wells, M. K. Stolen, and E. R. Secchi. 2010. Nélio Baptista Barros (1960-2010) – A pioneer at home and abroad. *LAJAM* 8: 191-192.
- Bowen, W. D., J. D. Baker, D. Siniff, I. L. Boyd, R. Wells, J. K. B. Ford, S. D. Kraus, J. A. Estes, and I. Stirling. 2010. Long-term Studies. Pp. 283-305 In: I. Boyd, D. Bowen, and S. Iverson (eds.), *Marine Mammal Ecology and Conservation: A Handbook of Techniques*. Oxford University Press.
- Bryan, C. E., S. J. Christopher, W. A. McLellan, W. E. McFee, L. H. Schwacke, and R. S. Wells. 2010. Application of ICP-MS to examining the utility of skin as a monitoring tissue for trace elements in bottlenose dolphin, *Tursiops truncatus*. *The Open Chemical and Biomedical Methods Journal* 3: 169-178.
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