

Curriculum Vitae
Heidi C. Pearson

University of Alaska Southeast, AND1
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Current Position

2011 - **Associate Professor of Marine Biology**, Department of Natural Sciences, University of Alaska Southeast; jointly appointed to the College of Fisheries and Ocean Sciences, University of Alaska Fairbanks

Education

2008 **Ph.D.**, Texas A&M University, College Station, TX
Major: Wildlife and Fisheries Sciences
Dissertation: Patterns of association and fission-fusion sociality in dusky dolphins (*Lagenorhynchus obscurus*), with comparisons to other dolphins and great apes

1998 **B.S.**, Duke University, Durham, NC
Majors: Biological Anthropology and Anatomy, Biology (double major)
Honors: Graduation with Distinction in Biological Anthropology and Anatomy
Certificate: Primatology
Concentration: Marine Biology

Previous Career Appointments

2010-11 **Lecturer**, School of Marine and Atmospheric Sciences, Stony Brook University
2008-10 **Assistant Director**, Whale Center of New England
2009 **Lecturer**, Department of Biology, Northeastern University
2008 **Lecturer**, Department of Marine Biology, Texas A&M University at Galveston
2002-08 **Research Coordinator**, Department of Obstetrics and Gynecology, University of Texas Medical Branch
2003-06 **Teaching Assistant**, Department of Marine Biology, Texas A&M University at Galveston
2001-02 **Teaching Assistant**, Department of Biology, Texas A&M University
2000-01 **Teaching Assistant**, Department of Biology, Drake University
1999-01 **Research Assistant**, Pioneer Hi-Bred International, Inc.
1999 **Data Technician**, Department of Psychiatry, Duke University Medical Center
1997-98 **Research Assistant**, Department of Psychiatry, Duke University Medical Center

Peer-reviewed Publications (§ denotes student advisee)

- 26) **Pearson, H.C.** 2017. Unraveling the function of dolphin leaps using the dusky dolphin (*Lagenorhynchus obscurus*) as a model species. *Behaviour* 154: 563-581.
- 25) Lopez, G.,[§] and **Pearson, H.C.** 2017. Can whale watching be a conduit for spreading educational and conservation messages? A case study in Juneau, Alaska. *Tourism in Marine Environments* 12: 95-104.
- 24) **Pearson, H.C.**, Jones, P., Srinivasan, M., Lundquist, D., Pearson C.J., and Machovsky-Capuska, G.E. 2017. Testing and deployment of C-VISS (Cetacean-borne Video camera and Integrated Sensor System) on wild dolphins. *Marine Biology* 164: 42.

- 23) **Pearson H.C.**, Markowitz, T.M., Weir, J.S., and Würsig, B. 2017. Dusky dolphin (*Lagenorhynchus obscurus*) social structure characterized by social fluidity and preferred companions. *Marine Mammal Science* 33: 251-276.
- 22) New, L.F., Hall, A.J., Harcourt, R., Kaufman, G., Parsons, E.C.M., **Pearson, H.C.**, Cosentino, M., and Schick, R.S. 2015. The modelling and assessment of whale-watching impacts. *Ocean and Coastal Management* 115: 10-16.
- 21) Deutsch, S., **Pearson, H.C.**, and Würsig, B. 2014. Development of leaps in dusky dolphin (*Lagenorhynchus obscurus*) calves. *Behaviour* 151: 1555-1577.
- 20) Pakpour, A.H., Zeidi, I., Emamjomeh, M.M., Asefzadeh, S., and **Pearson, H.** 2014. Household waste behaviours among a community sample in Iran: an application of the Theory of Planned Behaviour. *Waste Management*. 34: 980-986.
- 19) Würsig, B. and **Pearson, H.C.** 2014. Dusky dolphins: flexibility in foraging and social strategies. Pp. 25-42 in: Yamagiwa, J. and Karczmarski, L., editors. Primates and cetaceans: field research and conservation of complex mammalian societies. New York: Springer.
- 18) **Pearson H.C.**, Vaughn-Hirschorn R.L., Srinivasan M., and Würsig B. 2012. Avoidance of mussel farms by dusky dolphins (*Lagenorhynchus obscurus*) in New Zealand. *New Zealand Journal of Marine and Freshwater Research*. 46: 567-574.
- 17) Srinivasan M., **Pearson H.C.**, Vaughn-Hirshorn R.L., Würsig B., and Murtugudde R. 2012. Using climate downscaling to hypothesize impacts on apex predator marine ecosystem dynamics. *New Zealand Journal of Marine and Freshwater Research* 46: 575-584.
- 16) **Pearson, H.C.**, Dawson, L.N., and Radecki Breitkopf, C. 2012. Recycling attitudes and behavior among low-income Hispanics in southeast Texas. *PLOS ONE* 7: e344469.
- 15) **Pearson, H.C.** 2011. Sociability of female bottlenose dolphins (*Tursiops* spp.) and chimpanzees (*Pan troglodytes*): understanding evolutionary pathways toward social convergence. *Evolutionary Anthropology* 20:85-95.
- 14) Finerty, S.E., **Pearson, H.C.**, and Davis, R.W. 2010. Interannual assessment of territory quality for male sea otters (*Enhydra lutris*) in Simpson Bay, Prince William Sound, Alaska. *Canadian Journal of Zoology* 88:289-298.
- 13) **Pearson, H.C.**, and Shelton, D.E. 2010. A large-brained social animal. Pp. 333-353 in: Würsig, B., and Würsig, M., editors. *The Dusky Dolphin: Master Acrobat off Different Shores*. San Diego, CA: Academic Press.
- 12) Weir, J., Deutsch, S., and **Pearson, H.C.** 2010. Calf-rearing: dangers and opportunities. Pp. 177-209 in: Würsig, B., and Würsig, M., editors. *The Dusky Dolphin: Master Acrobat off Different Shores*. San Diego: Academic Press.
- 11) **Pearson, H.C.** 2009. Influences on dusky dolphin (*Lagenorhynchus obscurus*) fission-fusion dynamics in Admiralty Bay, New Zealand. *Behavioral Ecology and Sociobiology* 63:1437-1446.
- 10) Radecki Breitkopf, C., and **Pearson, H.C.** 2009. A theory-based approach to understanding follow-up of abnormal Papanicolaou tests. *Journal of Health Psychology* 14: 361-371.
- 9) Radecki Breitkopf, C., **Pearson, H.C.**, Dinh, T.A., Bich-Chieu, T., Tran, B.S., Vu, T., Bao Phan, G.A., Ngo, Q.V., Tran, V.D., and Rosenthal, S.L. 2009. Human Papillomavirus vaccine decision making in Da Nang, Vietnam: anticipated spousal and adolescent-parent concordance. *Vaccine* 27: 2367-2371.
- 8) Gilkinson, A.K., **Pearson, H.C.**, Weltz, F., and Davis, R.W. 2007. Photo-identification of sea otters using nose scars. *Journal of Wildlife Management* 71: 2045-2051.

- 7) Kornblau, I.S., **Pearson, H.C.**, and Radecki Breitkopf, C. 2007. Demographic, behavioral, and physical correlates of body esteem among low-income female adolescents. *Journal of Adolescent Health* 41: 566-570.
- 6) Navarro Rubio, R., **Pearson, H.C.**, Clark, A.A., and Radecki Breitkopf, C. 2007. Satisfaction with care among low-income female outpatients. *Psychology, Health, and Medicine* 12: 334-345.
- 5) **Pearson, H.C.**, Packard, J.M., and Davis, R.W. 2006. Territory quality of male sea otters in Prince William Sound, Alaska: relation to body and territory maintenance behaviors. *Canadian Journal of Zoology* 84: 939-946.
- 4) Slomovitz, B.M., Sun, C.C., Frumovitz, M., Soliman, P.T., Schmeler, K.M., **Pearson, H.C.**, Berenson, A., Ramirez, P.T., and Lu, K.H. 2006. Are women ready for the HPV vaccine? *Gynecologic Oncology* 103: 151-154.
- 3) **Pearson, H.C.**, and Davis, R.W. 2005. Behavior of territorial male sea otters in Prince William Sound, Alaska. *Aquatic Mammals* 31: 226-233.
- 2) Radecki Breitkopf, C., **Pearson, H.C.**, and Breitkopf, D.M. 2005. Poor knowledge regarding the Pap test among low-income women undergoing annual screening. *Perspectives in Sexual and Reproductive Health* 37: 78-84.
- 1) Kanga, E.M., and **Mennenga** (Pearson's maiden name), **H.C.** 1999. Survey of the Angolan black-and-white colobus monkey, *Colobus angolensis palliatus*, in the Diani Forests, Kenya. *African Primates* 4: 50-54.

Invited Book Chapters

- Würsig, B., and **Pearson, H.C.** 2015. Dolphin societies: structure and function. Pp. 72-106 in *Dolphin communication & cognition: past, present, future*. Herzing, D.L. and Johnson, C.M., editors. Cambridge: MIT Press.

Popular Articles

- 11) **Pearson, H.C.** and Machovsky-Capuska, G.E. 2017. The secret life of dolphins. *Australasian Science*, September.
- 10) **Pearson, H.C.** The science of sustainability. 2017. Editorial in the *Juneau Empire*, May 5. Available at: <http://juneauempire.com/opinion/2017-05-05/science-sustainability>.
- 9) **Pearson, H.C.** 2015. Behavior. Pp. 20-24 in: Berta, A., ed. *Whales, Dolphins, and Porpoises: A Natural History and Species Guide*. East Sussex: The Ivy Press.
- 8) **Pearson, H.C.** 2015. Common bottlenose dolphin. Pp. 182-183 in: Berta, A., ed. *Whales, Dolphins, and Porpoises: A Natural History and Species Guide*. East Sussex: The Ivy Press.
- 7) **Pearson, H.C.** 2015. Conservation and management. Pp 44-45 in: Berta, A., ed. *Whales, Dolphins, and Porpoises: A Natural History and Species Guide*. East Sussex: The Ivy Press.
- 6) **Pearson, H.C.** 2015. Surface behavior. Pp. 56-59 in: Berta, A., ed. *Whales, Dolphins, and Porpoises: A Natural History and Species Guide*. East Sussex: The Ivy Press.
- 5) **Pearson, H.C.** 2015. Where and how to watch. Pp. 60-61 in: Berta, A., ed. *Whales, Dolphins, and Porpoises: A Natural History and Species Guide*. East Sussex: The Ivy Press.
- 4) Eckert, G.L., and **Pearson, H.** 2017. My turn: growing sea otter population in Southeast Alaska focus of upcoming symposium. Editorial in the *Juneau Empire*, Feb. 15.

Available at: <http://juneauempire.com/outdoors/2013-02-15/my-turn-growing-sea-otter-population-southeast-alaska-focus-upcoming-symposium#.USqSHzejY-M>

- 3) **Pearson, H.** 2011. “What can the behavior of chimps and dolphins tell us about human moms?” *Science and Religion Today*, July 12. Available at: <http://www.scienceandreligiontoday.com/2011/07/12/what-can-the-behavior-of-female-chimps-and-dolphins-tell-us-about-human-moms/>
- 2) **Pearson, H.** 2009. “Our blue world”. Bi-weekly column in the *Gloucester Daily Times*, Gloucester, MA.
- 1) **Pearson, H.** 2007. The otters of untamed Alaska. Pp. 188-190 in: Cresswell, G., Walker, D. and Pusser, T., editors. *Whales & Dolphins of the North American Pacific (Including Seals and Other Marine Mammals)*. Hampshire: Wild Guides Ltd.

Research Grants

- 2017-18 PI: Advancement of Undergraduate Training and Research in One Health through Seawater Analysis. **Alaska BLaST/NIH. \$54,018.**
- 2016-20 PI: Coastal SEES Collaborative Research: Apex predators, ecosystems and community sustainability (APECS) in coastal Alaska. **NSF. \$479,116 (Collaborative total \$1,103,440).**
- 2016-18 PI: Assessing the costs and benefits of whale watching in Juneau, AK. **Alaska Sea Grant. \$113,671.**
- 2016-17 Co-PI: One Health Research Laboratory Renovation Project – Anderson 316. **Alaska BLaST/NIH. \$81,000**
- 2015-16 PI: The contribution of kelp forests to ecosystem and subsistence health in Southeast Alaska. **Alaska BLaST/NIH. \$59,209.**
- 2015 PI: Development and testing of the “Dolphin Cam”: a short-term video camera attachment system for dusky dolphins. **National Geographic Society. \$14,800.**
- 2015 PI: Blue carbon: the role of marine predators in carbon storage and sequestration. **Alaska Center for Climate Assessment and Policy/NOAA. \$9,350.**
- 2015 PI: The role of avian predators in nutrient transport in a glacially fed Southeast Alaska estuarine ecosystem. **University of Alaska Foundation Angus Gavin Migratory Bird Research Grant. \$8,878.**
- 2014-15 PI: Development and testing of the “Dolphin Cam”: a short-term video camera attachment system for dusky dolphins. **Encounter Foundation. \$15,190.**
- 2013-15 PI: Development of a tagging method for dusky dolphins to understand the effects of climate, ecosystem, and anthropogenic changes. **Alaska NASA EPSCoR. \$34,707.**
- 2013-14 PI: Understanding the effects of bottom-up forces on top predators in a glacially-fed estuarine ecosystem in Southeast Alaska. **Alaska EPSCoR/NSF. \$30,000.**
- 2009-10 Co-I: Marine mammal strandings on Massachusetts' North Shore: enhancement of response, data quality, public education, and outreach. **John H. Prescott Marine Mammal Rescue Assistance Grant Program/NOAA. \$60,004.**

Oral and Poster Presentations, and Symposia with Abstracts (* presenter, § student advisee)

- 33) Schuler, A.R.,* § Steckler, D., Piwetz, S., **Pearson, H.** The costs and benefits of whale watching in Juneau, AK. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals. Halifax, Nova Scotia, Oct. 22-27.

- 32) Rhodes-Reese, M.,* § Roman, J., Miller, J., Reese, C., Clay, D., Warren, J., Haynes, T., **Pearson, H.** The role of marine mammals and seabirds in nutrient cycling in Alaska's marine environment. Poster presentation at the 22nd Biennial Conference on the Biology of Marine Mammals. Halifax, Nova Scotia, Oct. 22-27.
- 31) **Pearson H.C.**,* Jones P.W., Brandon T.P., § Stockin K.A., Machovsky-Capuska G. 2017. Animal-borne cameras advance understanding of delphinid social and maternal strategies. Oral presentation at the 22nd Biennial Conference on the Biology of Marine Mammals. Halifax, Nova Scotia, Oct. 22-27.
- 30) Moran, J.,* Cates, K., Cedarleaf, J., Gabriele, C., Jensen, A., Lewis, S., Neilson, J., O'Dell, M., **Pearson, H.**, Straley, J., Szabo, A. SPLISH - Survey of Population Level Indices for Southeast Alaskan Humpbacks Poster presentation at the 2017 Alaska Marine Science Symposium. Anchorage, AK, Jan. 23-27.
- 29) Schuler, A.,*§ and **Pearson, H.C.** The costs and benefits of whale watching in Juneau, AK. Poster presentation at the 2017 Alaska Marine Science Symposium. Anchorage, AK, Jan. 23-27.
- 28) **Pearson, H.C.**,* Weir, J.S., Fanucci-Kiss, A., § Machanda, Z.P., Gowans, S., and Würsig, B. Female association and grouping patterns in a mesopelagic delphinid: a pathway towards understanding convergence between cetaceans and primates. Oral presentation at the symposium "Towards a better understanding of social convergence between cetaceans and primates" at the Joint Meeting of the International Primatological Society and the American Society of Primatologists. Chicago, IL, Aug. 21-27.
- 27) Machanda, Z.,* and **Pearson, H.C.*** Towards a better understanding of social convergence between cetaceans and primates. Symposium co-organizer at the Joint Meeting of the International Primatological Society and the American Society of Primatologists. Chicago, IL, Aug. 21-27.
- 26) Di Clemente, J.,*§ Christiansen, F., Steckler, D., Wahlberg, M., and **Pearson, H.** Behavioural responses of humpback whales (*Megaptera novaeangliae*) to whale watching activities in Southeast Alaska: preliminary results. Poster presentation at the 30th Annual Conference of the European Cetacean Society, Funchal, Madeira, March 14-16.
- 25) **Pearson, H.C.**,* Bearzi, G., Bonizzoni, S., and Santostasi, N.L. Understanding the social organization of an apex marine predator to inform conservation practices: striped dolphins in the Gulf of Corinth, Greece. Poster presentation at the Third International Marine Conservation Congress, Glasgow, Scotland, Aug. 14-18.
- 24) Warren, J.,* Parks, S.E., **Pearson, H.**, and Owen, K. Follow the food: Effects of fish and zooplankton on the behavioral ecology of baleen whales. *Journal of the Acoustical Society of America* 136: 2185.
- 23) Lopez, G.,*§ and **Pearson, H.C.** How does whale watching influence passenger knowledge and conservation attitudes? Oral presentation at the 20th Biennial Conference of the Society for Marine Mammalogy, Dunedin, New Zealand, Dec. 9-14.
- 22) Piwetz, S.,* **Pearson, H.C.**, Honkus, K.D., Srinivasan, M., Vaughn, R.V., and Würsig, B. Decline in regional habitat use of dusky dolphins, *Lagenorhynchus obscurus*, in Admiralty Bay, New Zealand. Poster presentation at the 20th Biennial Conference of the Society for Marine Mammalogy, Dunedin, New Zealand, Dec. 9-14.

- 21) Srinivasan, M., * **Pearson, H.C.**, Würsig, B., and Murtugudde, R. Variable influence of regional vs. global climate dynamics on marine mammals in open and semi-closed systems: Case for a paradigm shift in climate change based conservation . Oral presentation at the 20th Biennial Conference of the Society for Marine Mammalogy, Dunedin, New Zealand, Dec. 9-14.
- 20) Barlow, K.M., *§ **Pearson, H.C.**, and Straley, J. Activity budgets and foraging ecology of sea otters (*Enhydra lutris*) in Sitka, AK. Poster presentation at the Sea Otter Conservation Workshop VIII, Seattle, WA, March 22-24.
- 19) Grundy, J. *, House, D., *§ Cartwright, C., and **Pearson, H.** Comparing humpback whale group dynamics between the feeding and breeding grounds to create connectivity in research, education, and conservation. Poster presentation at the 13th International Conference of the American Cetacean Society. San Diego, CA, November 9-11.
- 18) **Pearson, H.C.**, * Vaughn, R.L., Srinivisan, M., Würsig, B., and Murtugudde, R. Managing for robustness: potential effects of climate change and mussel farming on dusky dolphins (*Lagenorhynchus obscurus*) in Admiralty Bay, New Zealand. Oral presentation at the 19th Biennial Conference of the Society for Marine Mammalogy, Tampa, FL, November 27-December 2.
- 17) **Pearson, H.C.**, * Vaughn, R.L., Srinivisan, M., Markowitz, T.M., and Würsig, B. Managing for robustness: potential effects of climate change and mussel farming on dusky dolphins (*Lagenorhynchus obscurus*) in Admiralty Bay, New Zealand. Oral presentation at the 24th Conference of the European Cetacean Society, Stralsund, Germany, March 22-24.
- 16) Finerty, S.E., * **Pearson, H.C.**, and Davis, R.W. Territory size and quality for male sea otters (*Enhydra lutris*) in Simpson Bay, Prince William Sound, Alaska. Poster presentation at the 18th Conference of the Society for Marine Mammalogy, Quebec, Canada, October 10-17.
- 15) **Pearson, H.C.**, * Markowitz, T.M., Weir, J.S., McFadden, C.J., and Würsig, B. Fission-fusion social structure of dusky dolphins (*Lagenorhynchus obscurus*): social fluidity and preferred associations in a semi-pelagic species. Oral presentation at the 18th Biennial Conference of the Society for Marine Mammalogy, Quebec, Canada, October 10-17.
- 14) Radecki Breitkopf, C., * **Pearson, H.C.**, Dinh, T.A., Bich-Chieu, T., Tran, B.S., Vu, T., Bao Phan, G.A., Ngo, Q.V., Tran, V.D., and Rosenthal, S.L. Human papillomavirus vaccine decision making in Da Nang, Vietnam: Anticipated spousal and adolescent-parent concordance. Annals of Behavioral Medicine 37:S110, Suppl. Oral presentation at the Society of Behavioral Medicine's 30th Annual Meeting and Scientific Sessions, Montreal, Quebec, Canada, April 22-25.
- 13) Amin, H.L., § **Pearson, H.C.**, * and Würsig, B. Leaping behavior is related to increase in group size and feeding behavior of dusky dolphins (*Lagenorhynchus obscurus*) in Admiralty Bay, New Zealand. Poster presentation at the 17th Biennial Conference of the Society for Marine Mammalogy, Cape Town, South Africa, November 29-December 3.
- 12) Finerty, S.E., * **Pearson, H.C.**, and Davis, R.W. Behavior of male sea otters (*Enhydra lutris*) in Prince William Sound, Alaska. Poster presentation at the 17th Biennial Conference of the Society for Marine Mammalogy, Cape Town, South Africa, November 29-December 3.

- 11) **Pearson, H.C.**,* and Würsig, B. Influence of food availability, predation, and marine farming on dusky dolphin (*Lagenorhynchus obscurus*) fission-fusion sociality in Admiralty Bay, New Zealand. Poster presentation at the 17th Biennial Conference of the Society for Marine Mammalogy, Cape Town, South Africa, November 29-December 3.
- 10) **Pearson, H.C.*** Social convergence between bottlenose dolphins (*Tursiops* sp.) and chimpanzees (*Pan troglodytes*): focus on female reproductive strategies. Oral presentation at the Comparative Ecological Research Symposium, Cape Town, South Africa, November 28.
- 9) **Pearson, H.C.**,* Gailey, G., and Würsig, B. Finscan as a tool to match dolphin dorsal fin images. Oral presentation at the Recent Advances in Digital Techniques workshop. Cape Town, South Africa, November 27.
- 8) **Pearson, H.C.**,* and Davis, R.W. Behavior of territorial male sea otters (*Enhydra lutris*) in Prince William Sound, Alaska. Poster presentation at the 16th Biennial Conference of the Society for Marine Mammalogy. San Diego, CA, December 12-16.
- 7) Würsig, B., **Pearson, H.***, Cognato, A., and Markowitz, T. Dusksies in two different environments, a summary. Oral presentation at the Long-term Studies Session of the Biennial Conference of the Society for Marine Mammalogy, Cape Town, South Africa, Nov. 29-Dec. 3.
- 6) Würsig, B.,* and **Pearson, H.** Delphinid behavioral strategies. Oral presentation at the Ninth International Mammalogical Congress, Symposium: Delphinid and Primate Social Ecology: a Comparative Overview. Sapporo, Japan, July 31-August 5.
- 5) **Pearson, H.**,* Würsig, B., and Pruetz, J. Understanding social convergence between dolphins and great apes: where do we start? Poster presentation at the Kyoto Conference: Delphinid and Primate Social Ecology. Kyoto, Japan, July 29-30.
- 4) Würsig, B.,* **Pearson, H.**, and Markowitz, T. Delphinid behavioral flexibilities: social strategies in dusky dolphins. Oral presentation at the Kyoto Conference: Delphinid and Primate Social Ecology. Kyoto, Japan, July 29-30.
- 3) Slomovitz, B.M.,* Sun, C.C., Frumovitz, M., Soliman, P.T., **Pearson, H.C.**, Berenson, A., and Bodurka, D.C. Are women ready for the cervical cancer vaccine? Oral presentation at the 2005 Annual Meeting on Women's Cancer, Society of Gynecologic Oncologists. Miami Beach, FL, March 19-23.
- 2) Davis, R.,* Gilkinson, A., **Pearson, H.**, and Wertz, F. Feeding ecology of sea otters in Simpson Bay, Alaska. Oral presentation at the Alaska Sea Otter Research Workshop, Alaska Sea Grant.
- 1) **Pearson, H.C.**,* and Davis, R.W. A cost-benefit analysis for territorial male sea otters in Prince William Sound, Alaska. Poster presentation at the 15th Biennial Conference of the Society for Marine Mammalogy, Greensboro, NC, December 15-19.

Invited Seminars and Public Lectures

Blue carbon: the role of marine mammals and seabirds in carbon storage and sequestration.

Seminar, College of Fisheries and Ocean Sciences, University of Alaska Fairbanks, Juneau. 3/31/17.

Blue carbon: how can marine mammals help to combat climate change? Public lecture, Evening at Egan lecture series, University of Alaska Southeast, Juneau, AK. 12/2/16.

- Blue carbon: how can marine mammals help to combat climate change?* Public lecture, Wildlife Wednesday, Presented by the Alaska Wildlife Alliance, Juneau, AK. 3/2/16.
- Making a splash: humpbacks and dolphins.* Public lecture, Fireside Lecture Series, Mendenhall Glacier Visitor Center, Juneau. 2/12/16.
- Whales and our sustainable future.* Public lecture, Juneau Marine Naturalist Symposium, University of Alaska Southeast, Juneau. 5/7/15.
- Blue carbon: the role of marine mammals and seabirds in carbon storage and sequestration.* Seminar, Alaska Coastal Rainforest Center Brown Bag Lecture Series, Juneau, AK. Nov. 2014
- Anatomia Italiana: the history of anatomy, medicine, and art in Medieval and Renaissance Italy.* Public lecture, Evening at Egan lecture series, University of Alaska Southeast, Juneau, AK. 10/11/13.
- Who's who? On the trail of marine mammals in the Pacific using photo-identification.* Public lecture, 2013 Juneau Marine Naturalist Symposium, University of Alaska Southeast, Juneau, AK. 5/10/13.
- Costly kids? Examining female behavior to test the social intelligence hypothesis in cetaceans.* Seminar, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks, Juneau, AK. 2/24/12.
- Fission-fusion dynamics in New Zealand dusky dolphins: flexible social strategy in response to prey, predation risk, and mussel farms.* Seminar, Marine Biology Program, University of Alaska Southeast, Juneau, AK. 11/1/10.
- Tracking North Atlantic whales.* Public lecture, School of Marine and Atmospheric Sciences Public Lecture Series, Stony Brook Southampton, Southampton. 5/7/10.
- Fission-fusion dynamics in dusky dolphins (Lagenorhynchus obscurus).* Seminar, Department of Human Evolutionary Biology, Harvard University, Cambridge. 10/26/09.
- Behavioral ecology of dusky dolphins (Lagenorhynchus obscurus) in New Zealand.* Seminar, School of Marine and Atmospheric Sciences Friday Colloquium Series, Stony Brook University, Stony Brook, NY. Oct. 2010.

Honors and Awards

- 2015 National Geographic Explorer
- 2015 Faculty Excellence Award for Research: UAS
- 2015 Faculty Travel Award: Alaska BLaST (NIH)
- 2015 Faculty Travel Award: Alaska INBRE (NIH)
- 2012 Academic Innovation Fund Award: UAS. Received \$2,000 to study the integration of anatomy, medical education, art, and history along the Italian Peninsula
- 2011-16 Wilson Fund for Faculty Professional Development Travel Award: UAS
- 2008 Erma Lee and Luke Mooney Graduate Student Research Excellence Award: Texas A&M University at Galveston.
- 2007 Tom Slick Senior Graduate Fellowship: College of Agriculture and Life Sciences, Texas A&M University.
- 2002-07 Academic Excellence Scholarship: Texas A&M University.
- 2006 W.B. Davis Scholarship: Department of Wildlife and Fisheries Sciences, Texas A&M University.
- 2004 Photography in Research Award: Office of Graduate Studies, Texas A&M University.

Photo Credits

- 2015 Dall's porpoise, dusky dolphin, humpback whale, and sperm whale photos in: Berta, A. *Whales, Dolphins, and Porpoises*. East Sussex, UK: Ivy Press.
- 2010 Dusky dolphin photos in: Würsig, B., and Würsig, M. *The Dusky Dolphin: Master Acrobat off Different Shores*. San Diego, CA: Elsevier, Inc.
- 2008 Dusky dolphin and sea otter photos in: Perrin, W.F., Würsig, B., and Thewissen, J.G.M. *Encyclopedia of Marine Mammals*, 2nd edn. San Diego, CA: Elsevier Press.
- 2007 Sea otter photos in: Cresswell, G., Walker, D., and Pusser, T., editors. *Whales & Dolphins of the North American Pacific (Including Seals and Other Marine Mammals)*. Hampshire, UK: Wild Guides Ltd.
- 2006 Sea otter photo used for the cover of *Science Editor*, volume 29, issue 6.

Selected Media and Press

- Wild Alaska Live*, Episode 3, BBC and PBS. Contributor. 7/30/17. <http://www.pbs.org/wild-alaska-live/home/#watch>
- Whale-watching tours: opportunities to educate and raise awareness?* Whales Online, 7/4/17. <http://baleinesendirect.org/en/whale-watching-tours-opportunities-to-educate-and-raise-awareness/>
- Underwater cameras let scientists dive beneath the surface with dolphins*. Mongabay, 6/5/17. <https://news.mongabay.com/wildtech/2017/06/underwater-cameras-let-scientists-dive-beneath-the-surface-with-dolphins/>
- National Geographic, 3/16/17. <https://www.facebook.com/natgeo/videos/10154452203153951/>
Scientists have developed a new way to monitor the secret lives of wild dolphins. New York Magazine, 3/7/17. <http://nymag.com/scienceofus/2017/03/watch-underwater-footage-of-the-secret-life-of-wild-dolphins.html>
- Scientists invented a special camera so you can see the world through the eyes of a dolphin*. Quartz, 3/7/17. Available at: <https://qz.com/925576/scientists-invented-a-special-camera-so-you-can-see-the-world-through-the-eyes-of-a-dolphin/>
- Daily Planet*, Discovery Channel Canada, 2/24/17.
- Here's what dolphins do underwater when people are watching*. Digital Trends, Yahoo! Tech. 2/26/17. <https://www.digitaltrends.com/cool-tech/dolphin-camera/>
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- Fireside lecture on humpback whales on Feb. 12.* Juneau Empire, 2/10/16.
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<http://www.stuff.co.nz/environment/75654573/new-study-of-kaikouras-dolphin-population-to-reveal-valuable-insight-into-behaviour>
- Fair play.* Alaska Airlines Magazine, Jan. 2015, pp. 82-83.
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- A Juneau Afternoon.* KTOO Public Media, 10/11/13, 2/12/16, and 3/2/16.
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- Otter study to assess habitat differences in Southeast.* KCAW Raven Radio, 6/29/12.
<http://www.kcaw.org/2012/06/29/otter-study-to-examine-habitat-differences-in-southeast/>
- Chimps and dolphins share cultural similarities.* Wired, 7/5/11.
<http://www.wired.com/2011/07/chimpanzees-dolphins-similar>

Professional Societies

- 2015-16 International Primatological Society
2014-15 Society for Conservation Biology
2012-15 Human Anatomy and Physiology Society
2012-13 American Cetacean Society
2003- Society for Marine Mammalogy

Significant Service

Professional

- Reviewer for: *Aquatic Mammals, Behavioural Processes, Canadian Journal of Zoology, Ethology, Journal of Animal Ecology, Journal of Marine Research, Marine Ecology Progress Series, Marine Mammal Science, PLOS ONE, Polar Biology*
- NSF Panelist: Integrated Organismal Systems, Antarctic Organisms and Ecosystems
- Active member of the Society for Marine Mammalogy since 2003

University

- Biology/Marine Biology Program Coordinator
- Sustainability Committee
- Undergraduate Curriculum Committee
- University of Alaska General Education Requirements Alignment Task Force

Community

- Alaska Marine Mammal Stranding Network member
- Juneau Flukes board member
- Juneau Marine Naturalist Symposium co-organizer
- National Ocean Sciences Bowl and Southeast Alaska Regional Science Fair judge

Courses Taught (* denotes new course development)

- Biological Conservation and Environmental Mindfulness (HDV 102, Stony Brook University)*
Biology and Conservation of Marine Birds and Sea Turtles (MAR 371, Stony Brook University)

Cetacean Behavior and Behavioral Ecology (MARB 403, Texas A&M University)
Comparative Vertebrate Socioecology (BIOL S393, UAS)*
Communicating Science (BIOL S311, UAS)
Conservation Biology (BIOL S373, UAS)
Discussions in Marine Mammalogy (BIOL S375, UAS)
Ecosystem Ecology and the Global Environment (ENS 311, Stony Brook University)
Ecology (BIOL 2311, Northeastern University)
Human Anatomy and Physiology I and II (BIOL S111 & S112, UAS)
Introduction to Marine Biology (BIOL S215, UAS)
Introductory Biology I and II (BIOL 111 & 112, Texas A&M University)
Marine Birds and Mammals (BIOL 509/510, Northeastern University)
Marine Mammal Field Research Methods (MAR 395, Stony Brook University)*
Marine Mammalogy (BIOL S384, UAS; MAR 370, Marine Mammals, Stony Brook University)
Marine Ornithology and Herpetology (BIOL S380, UAS)*
Prospects for Planet Earth (ENS 101, Stony Brook University)
Tropical Marine and Coastal Ecology (BIOL S353, UAS)*

Postdoc, Graduate, and Honors Student Advising

- 2017 - Nicole LaRoche, University of Alaska Fairbanks (M.S. committee chair): Sea otter foraging behavior and nutritional ecology along the recolonization front in southern Southeast Alaska
- 2016 - Tom Bell, University of Alaska Southeast (Postdoc advisor): Remote-sensing of surface canopy kelp in Southeast Alaska.
- 2016 - Alicia Schuler, University of Alaska Fairbanks (M.S. committee chair): Costs and benefits of whale watching in Juneau AK
- 2014-16 Bárbara Cartagena da Silva Matos, University of Aveiro (M.Sc. external advisor and Fulbright Program Scholar sponsor): Do sea otters forage according to prey's nutritional value?
- 2014 - Kristin Brown, University of Alaska Fairbanks (M.S. committee member): Trophic transfer and fate of contaminants in Southeast Alaska sea otters (*Enhydra lutris*)
- 2014 - Joana Castro, University of Lisbon (Ph.D. external advisor): Common dolphin mother-calf behavior in Portugal (title TBD)
- 2014-16 Jacopo Di Clemente, University of Southern Denmark (M.Sc. external advisor): Behavioural responses of humpback whales (*Megaptera novaeangliae*) to whale watching activities in Juneau, Alaska
- 2014-15 Coralie Delorme, Jean-Monnet University (M.Sc. external advisor): Foraging behavior and ecology of sea otters in Sitka Sound, Alaska
- 2013-15 Adrian Fanucci-Kiss, Harvard University (B.A. Honors advisor): Mother knows best: ecological factors shaping maternal sociality in dusky dolphins (*Lagenorhynchus obscurus*)
- 2009-15 Mithriel MacKay, Texas A&M University at Galveston (Ph.D. committee member): "Occurrence patterns and social behaviors of humpback whales (*Megaptera novaeangliae*) wintering off Puerto Rico"