DAVID W. JOHNSTON
Assistant Professor of the Practice, Division of Marine Science and Conservation,
Nicholas School of the Environment, Duke University Marine Laboratory.
135 Duke Marine Lab Rd. Beaufort, NC 28516
david.johnston@duke.edu

PROFESSIONAL PREPARATION

2004	Ph.D. Environment. Nicholas School of the Environment and Earth Sciences, Duke University Marine Laboratory.
1995	M.Sc. Zoology. Department of Zoology, University of Guelph.
1993	B.Sc. Specialized Honours Marine Biology. University of Guelph.

APPOINTMENTS

2008 – 2010	Assistant Professor of the Practice, Duke University Marine Laboratory. Division of Marine Science and Conservation. Nicholas School of the Environment. 135 Duke Marine Lab Rd. Beaufort NC 28516.
2008 – 2010	Research Scientist, Duke University Marine Laboratory. Division of Marine Science and Conservation. Nicholas School of the Environment. 135 Duke Marine Lab Rd. Beaufort NC 28516.
Dec 2010 -	Adjunct Associate Professor, Murdoch University, Perth, Western Australia.
2005-2008	Leader, Cetacean Research Unit, Pacific Islands Fisheries Science Center. University of Hawai'i at Manoa. 1000 Pope Road, Marine Science Building 312 Honolulu, HI 96822.
2004	Postdoctoral Fellow. Monterey Bay Aquarium Research Institute (MBARI)/Monterey Bay National Marine Sanctuary. 7700 Sandholdt Rd. Moss Landing. CA 95039-9644.

RELEVANT PUBLICATIONS

Tyne, J. A., K. Pollock, D.W. Johnston and L. Bejder. *In Press*. Abundance and survival rates of the Hawai'i Island associated spinner dolphin (*Stenella longirostris*) stock. PLOS ONE

Johnson, Z. I. and D. W. Johnston. 2013. Smartphones: Powerful Tools for Geoscience Education. Eos, Transactions American Geophysical Union. 94(47), 433

Siders, Z. A., A. J. Westgate, D. W. Johnston, L. D. Murison and H. N. Koopman. 2013. Seasonal variation in the spatial distribution of basking sharks (*Cetorhinus maximus*) in the Bay of Fundy, Canada. PLOS ONE.

Soulen, B. K. K. Cammen, T. F. Schultz and D. W. Johnston. 2013**.** Factors affecting stranded harp seals (*Pagophilus groenlandicus*) in the Northwest Atlantic. PLOS ONE. 8(7): e68779.

Thorne, L. H., D. W. Johnston, D. L. Urban, J. Tyne, L. Bejder, R. W. Baird, S. Yin, S. H. Rickards, M. H. Deakos, J. R. Mobley, Jr., A. A. Pack, M. Chapla Hill. 2012. Predictive modeling of spinner dolphin (*Stenella longirostris*) resting habitat in the main Hawaiian Islands. PLOS ONE 7(8): e43167.

OTHER PUBLICATIONS

Johnston, D. W., A. S. Friedlaender, A. J. Read and D. P. Nowacek. 2012. Initial density estimates of humpback whales (*Megaptera novaeangliae*) in the inshore waters of the Western Antarctic Peninsula during the late autumn. Endangered Species Research. 18:63–71

Johnston, D. W., A. S. Friedlaender, M. Bowers and D. M. Lavigne. 2012. The effects of climate change on harp seals (*Pagophilus groenlandicus*). PLOS ONE. 7 (1) p. e29158 EP - doi:10.1371/journal.pone.0029158

Nowacek, D.P., A.S. Friedlaender, P.N. Halpin, E.L. Hazen, D.W. Johnston, A.J. Read, B. Espinasse, M. Zhou, and Y. Zhu. 2011. Super-aggregations of krill and humpback whales in Wilhelmina Bay, Antarctic Peninsula. PLoS ONE. 6(4): e19173

Forney, K. A., D .R. Kobayashi, D. W. Johnston, J. Marchetti, and M. M. Marsik. 2011. What's the catch? Patterns of cetacean bycatch and depredation in Hawaii-based pelagic longline fisheries. Marine Ecology. 32(3): 380–391

Friedlaender, A. S., D. W. Johnston, W. R. Fraser, J. Burns, P. N. Halpin, D. P. Costa. 2011. Ecological niche modeling of sympatric krill predators around Marguerite Bay, Western Antarctic Peninsula. Deep Sea Research II: Topical Studies in Oceanography. 58: 1729-1740

Johnston, D. W., J. Robbins, M. E. Chapla, D. K. Mattila and K. R. Andrews. 2008. Diversity, habitat associations and stock structure of odontocete cetaceans in the waters of American Samoa, 2003-2006. Journal of Cetacean Research and Management. 10: 59-6

Johnston, D. W., M. A. McDonald, J. J. Polovina R. Domokos, S. Wiggens and J. A. Hildebrand. 2008. Temporal patterns in the acoustic signals of beaked whales at Cross Seamount. Biology Letters. 4: 208-211.

COURSES TAUGHT

Marine Mammals, Marine Megafauna, Marine Conservation Biology, Marine Mammals and Climate, Marine Megafauna MOOC.

Synergistic Activities

Directed the development of an iPad-based open access digital textbook for marine science courses at Duke University and other institutions. Application website: http://superpod.ml.duke.edu/cachalot. Course development for marine conservation biology – Co-developed an immersive field course taught on Midway Atoll. Course employs the use of new media (handheld video cameras, internet weblogs) to facilitate learning and outreach while in the field.

RECENT COLLABORATORS

John Hildebrand (Scripps), Jeff Polovina (NMFS), Charles Littnan (NMFS), Mark McDonald (Whale Acoustics), Doug Nowacek (Duke), Pat Halpin (Duke), Ari Friedlaender (OSU), David Lavigne (IFAW), Andy Read (Duke).

GRADUATE AND POSTDOCTORAL ADVISORS

Dr. David E. Gaskin, (M.Sc.), Dr. Andrew J. Read (Ph.D.), Dr. Francisco Chavez