**MICHAEL MOORE**

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**EXPERIENCE**

1991 to present Director Marine Mammal Center (2011 to present), Senior Research Specialist (2006 to present), Research Specialist (1995 to 2006), Visiting Investigator (1993 to 1995), Postdoctoral Investigator, (1991 to 1993): Biology Department, Woods Hole Oceanographic Institution.

1998 to present Program Director (1998 to 2000), Veterinarian (2001 to 2005), Cape Cod Stranding Network. Now International Fund for Animal Welfare, Marine Mammal Rescue Research (2005 to present).

1997 to 2006 Lecturer, Boston University Marine Program.

1985 to 1986 Veterinarian, Laboratory for Marine Animal Health (Marine Biological Laboratory), Dept. Avian & Aquatic Animal Medicine, N.Y.S. College Veterinary Medicine.

1983 to 1985 Associate Veterinarian, 1983 to 1985, Bulger Animal Hospital, N. Andover, MA Veterinarian.

1983 International Whaling Commission, Hvalfjordur, Iceland.

1979 to 1980 Assistant Scientist, Ocean Research and Education Society (r/v Regina Maris).

1979 to 1982 Field Research Assistant, Zoology Department, Cambridge University, England.

**EDUCATION**

1986 to 1991 PhD WHOI/MIT Joint Program in Biological Oceanography.

1979 to 1983 Vet MB Department of Clinical Veterinary Medicine, University of Cambridge, England.

1975 to 1979 B.A. Pembroke College, University of Cambridge, England.

**ACADEMIC AND PROFESSIONAL HONORS**

1. Outstanding Service Award, Cape Cod Stranding Network.

1983 Sismey Prize in Medicine & Surgery.

1981 Glaxovet Parasitology Prize.

1977 University of Cambridge, Foundation Scholar.

1976 Foundress Memorial Prize, Pembroke College, University of Cambridge.

1975 Exhibition - Pembroke College, University of Cambridge.

**LICENSURE**

 National: Certified A.V.M.A. Educational Commission for Foreign Veterinary Graduates.

 State Veterinary License: Massachusetts.

 DEA and Comm. Mass. Controlled Substance Registration.

 Northeast Region, National Marine Fisheries Service Authorization to maintain tissue parts from stranded marine mammals.

 NOAA Office Protected Species and US Fish and Wildlife Service Permits to import and Export Marine Mammal parts.

**COURSES TAUGHT**

 WHOI/MIT Joint PhD Program in Biological Oceanography

 Fall 1999 – Topics in Behavior - Marine Mammal Anatomy

 Spring 2003 – Topics in Behavior – Comparative Anatomy of Air-Breathing Marine Vertebrates

 Spring 2004 – Marine Mammal Toxicology

 Boston University Marine Program

 Oct 1997 - Marine Mammals – Anatomy section

 Oct 1998 - Marine Mammals – Anatomy section

 Feb 1999 – Marine Mammal Anatomy

 U Penn/ Cornell Aquavet Program

 1989 to 1999 Lectures in Marine Ecotoxicology

**GRADUATE STUDENTS**

 WHOI/MIT Joint PhD Program in Biological Oceanography

 Regina Campbell-Malone – 2001 to 2007 - PhD -advisor.

 Julie van der Hoop 2011 to present

 Boston University Marine Program

 Nadine Lysiak 2003 to 2008 – PhD – joint advisor

 Carolyn Miller 1998 to 2005 - PhD - advisor

 Melinda Sweeny 2000 to 2003 – MA – advisor

 Stefani Valentini 1997 to 1998 – MA – advisor

 University of Massachusetts Dartmouth

 Michael Morss 1996 to 1998 – MA - joint advisor

 College of the Atlantic

 Colby Moore – MA – Joint Advisor

**MAJOR CRUISES**

 Winter flounder survey for Massachusetts Water Resources Authority – annual April cruise, 1990 to present (Chief Scientist)

 Large whale survey and biopsy – RV Abel J. Falkland Islands to South Georgia 4 weeks Jan Feb 1997 (Chief Scientist)

 Right whale body condition surveys – Bay of Fundy – August 1995 to 2002 (Chief Scientist)

 North Atlantic historic right whaling habitat survey 15 months, 18,000 miles, 2001/2002 (Skipper)

 Survey of Basque whaling sites in Labrador Straits July 2004 and Lower N Shore Quebec July 2005 (Skipper)

 Acoustic behavioral studies Bay of Fundy August 2004 (Skipper)

 Sperm whale physiology – RV Alucia, Kaikoura New Zealand, March 2013 (Chief scientist).

**NECROPSIES UNDERTAKEN**

 39 right whales, 12 humpback whales, 6 minke whales, 1 fin whale, 1 blue whale, 1 sperm whale, and numerous smaller species. With substantial local student involvement (NC to Quebec).

**SOCIETY MEMBERSHIP**

 Society for Marine Mammalogy

 American Veterinary Medical Association

**COMMITTEE/ PANEL/ TASKFORCE MEMBERSHIP**

 WHOI Staff Committee 2006 to 2008

 WHOI Institutional Animal Care and Use Committee Veterinarian 1987 to present

 WHOI Sea Water Users Committee 1988 to present

 WHOI Information Systems Council 1995 to 1997

 Barnstable County MMR Scientific Advisory Panel 1996 to 1997

 Mass Water Resources Authority Outfall Monitoring Taskforce 1992 to 1993

 Various regional panel discussions on MWRA issues 1993 to 1995

 National Institute of Environmental Health Sciences Site Review Team 6/98, 6/03

 Island Foundation Inc: Corporator 1984 to present. President 2003 to 2007

 Sippican Lands Trust: Trustee 1993 to 2003

 Right Whale Consortium – Board Member 1999 to present,

 Vice President 2002 to 2004, President 2004 to 2007

 NOAA Right whale/fishery gear interaction workshops

 Annual presentations to MWRA Science Review meetings 1992 to present.

 MWRA Outfall Monitoring Science Assessment Panel – Periodically in past decade

 New Bedford Whaling Museum – Trustee 2005 to present.

 South Georgia Heritage Trust Trustee 2005 to present

 Atlantic Scientific Review Group – (2012 to present)

 Working Group Unusual Marine Mammal Mortality Events Chair Elect

 (2012 to Present),

JOURNAL REVIEW

 Diseases of Aquatic Organisms (Aquatic Mammals Subject Editor), Marine Pollution Bulletin, ICES Journal of Marine Science, Marine Environmental Research, Aquatic Toxicology, Science, Nature, Marine Mammal Science, J Mammalogy, J Cetacean Research and Management, Endangered Species Research, Science Asia.

**Publications (104 total)**

**2015**

1. Van Der Hoop, J. M., A. S. M. Vanderlaan, T. V. N. Cole, A. G. Henry, L. Hall, B. Mase-Guthrie, T. Wimmer and M. J. Moore. 2015. Vessel Strikes to Large Whales Before and After the 2008 Ship Strike Rule. Conservation Letters 8:24-32.

**2014**

1. Van Der Hoop, J. M., A. Fahlman, T. Hurst, J. Rocho-Levine, K. A. Shorter, V. Petrov and M. J. Moore. 2014. Bottlenose dolphins modify behavior to reduce metabolic effect of tag attachment. Journal of Experimental Biology 217:4229-4236.
2. Van Der Hoop, J., M. Moore, A. Fahlman, A. Bocconcelli, C. George, K. Jackson, C. Miller, D. Morin, T. Pitchford, T. Rowles, J. Smith and B. Zoodsma. 2014. Behavioral impacts of disentanglement of a right whale under sedation and the energetic cost of entanglement. Marine Mammal Science 30:282-307.
3. Shorter, K. A., M. M. Murray, M. Johnson, M. Moore and L. E. Howle. 2014. Drag of suction cup tags on swimming animals: Modeling and measurement. Marine Mammal Science 30:726-746.
4. Sharp, S. M., J. S. Knoll, M. J. Moore, K. M. Moore, C. T. Harry, J. M. Hoppe, M. E. Niemeyer, I. Robinson, K. S. Rose, W. B. Sharp and D. Rotstein. 2014. Hematological, biochemical, and morphological parameters as prognostic indicators for stranded common dolphins (Delphinus delphis) from Cape Cod, Massachusetts, U.S.A. Marine Mammal Science 30:864-887.
5. Nousek-Mcgregor, A. E., C. A. Miller, M. J. Moore and D. P. Nowacek. 2014. Effects of body condition on buoyancy in endangered North Atlantic right whales. Physiological and Biochemical Zoology 87:160-171.
6. Moore, M. J. 2014. How we all kill whales. Ices Journal of Marine Science 71:760-763.
7. Moore, C. D., A. Fahlman, M. J. Moore, D. Willoughby, K. Robbins and S. J. Trumble. 2014. Significance of Muscle Fiber Type in Biopsied Elephant Seals. Integrative and Comparative Biology 54:E144.
8. Moore, C. D., D. E. Crocker, A. Fahlman, M. J. Moore, D. S. Willoughby, K. A. Robbins, S. B. Kanatous and S. J. Trumble. 2014. Ontogenetic changes in skeletal muscle fiber type, fiber diameter and myoglobin concentration in the Northern elephant seal (Mirounga angustirostris). Front Physiol 5.
9. Moore, C., M. Moore, S. Trumble, M. Niemeyer, B. Lentell, W. Mclellan, A. Costidis and A. Fahlman. 2014. A comparative analysis of marine mammal tracheas. Journal of Experimental Biology 217:1154-1166.
10. Harms, C. A., W. A. Mclellan, M. J. Moore, S. G. Barco, E. O. Clarke, Iii, V. G. Thayer and T. K. Rowles. 2014. Low-residue euthanasia of stranded Mysticetes. J Wildl Dis 50:63-73.
11. Garcia-Parraga, D., J. L. Crespo-Picazo, Y. Bernaldo De Quiros, V. Cervera, L. Marti-Bonmati, J. Diaz-Delgado, M. Arbelo, M. J. Moore, P. D. Jepson and A. Fernandez. 2014. Decompression sickness ('the bends') in sea turtles. Diseases of Aquatic Organisms 111:191-205.
12. Barratclough, A., P. D. Jepson, P. K. Hamilton, C. A. Miller, K. Wilson and M. J. Moore. 2014. How much does a swimming, underweight, entangled right whale (Eubalaena glacialis) weigh? Calculating the weight at sea, to facilitate accurate dosing of sedatives to enable disentanglement. Marine Mammal Science 30:1589-1599.
13. Apprill, A., J. Robbins, A. M. Eren, A. A. Pack, J. Reveillaud, D. Mattila, M. Moore, M. Niemeyer, K. M. T. Moore and T. J. Mincer. 2014. Humpback whale populations share a core skin bacterial community: Towards a health index for marine mammals? PLoS ONE 9.

**2013**

1. Van Der Hoop, J. M., M. J. Moore, S. G. Barco, T. V. N. Cole, P.-Y. Daoust, A. G. Henry, D. F. Mcalpine, W. A. Mclellan, T. Wimmer and A. R. Solow. 2013. Assessment of management to mitigate anthropogenic effects on large whales. Conservation Biology 27:121-133.
2. Taylor, J. K. D., J. W. Mandelman, W. A. Mclellan, M. J. Moore, G. B. Skomal, D. S. Rotstein and S. D. Kraus. 2013. Shark predation on North Atlantic right whales (Eubalaena glacialis) in the southeastern United States calving ground. Marine Mammal Science 29:204-212.
3. Moore, M. J., J. Van Der Hoop, S. G. Barco, A. M. Costidis, F. M. Gulland, P. D. Jepson, K. T. Moore, S. Raverty and W. A. Mclellan. 2013. Criteria and case definitions for serious injury and death of pinnipeds and cetaceans caused by anthropogenic trauma. Diseases of Aquatic Organisms 103:229-264.
4. Moore, M. J. 2013. Welfare of whales by-caught in fishing gear or struck by vessels. Animal Welfare 22:117-121.
5. Moore, M., R. Andrews, T. Austin, J. Bailey, A. Costidis, C. George, K. Jackson, T. Pitchford, S. Landry, A. Ligon, W. Mclellan, D. Morin, J. Smith, D. Rotstein, T. Rowles, C. Slay and M. Walsh. 2013. Rope trauma, sedation, disentanglement, and monitoring-tag associated lesions in a terminally entangled North Atlantic right whale (Eubalaena glacialis). Marine Mammal Science 29:E98-E113.
6. Moore, C. D., M. Moore, A. Fahlman and S. Trumble. 2013. Significance of Type IIb Muscle Fibers in Diving Mammals. Faseb Journal 27.
7. Hunt, K. E., M. J. Moore, R. M. Rolland, N. M. Kellar, A. J. Hall, J. Kershaw, S. A. Raverty, C. E. Davis, L. C. Yeates, D. A. Fauquier, T. K. Rowles and S. D. Kraus. 2013. Overcoming the challenges of studying conservation physiology in large whales: a review of available methods. Conservation Physiology 1.
8. De Quirós, Y. B., J. S. Seewald, S. P. Sylva, B. Greer, M. Niemeyer, A. L. Bogomolni and M. J. Moore. 2013. Compositional discrimination of decompression and decomposition gas bubbles in bycaught seals and dolphins. PLoS ONE 8.

**2012**

1. Vacas-Jacques, P., M. Williams, J. Jimenez-Lozano, A. Fahlman, M. Moore, P. Tyack, W. Zapol, R. Anderson and W. Franco. 2012. Development and validation of a physiological tag for monitoring oxygen saturation in muscle of free-diving whales. Lasers in Surgery and Medicine 44:30-31.
2. Richardson, J., A. G. Wood, A. Neil, D. Nowacek and M. Moore. 2012. Changes in distribution, relative abundance, and species composition of large whales around South Georgia from opportunistic sightings: 1992 to 2011. Endangered Species Research 19:149-156.
3. Reeves, R., C. Rosa, J. C. George, G. Sheffield and M. Moore. 2012. Implications of Arctic industrial growth and strategies to mitigate future vessel and fishing gear impacts on bowhead whales. Marine Policy 36:454-462.
4. Moore, M. J. and J. M. Van Der Hoop. 2012. The painful side of trap and fixed net fisheries: Chronic entanglement of large whales. Journal of Marine Biology 2012:Article ID 230653, 230654 pages.
5. Moore, C. D., A. Fahlman, M. Moore, M. Niemeyer, B. Lentell, S. Oakes and S. Trumble. 2012. Histological investigations of the "slip" in marine mammal tracheas. Faseb Journal 26.
6. Miller, C. A., P. B. Best, W. L. Perryman, M. F. Baumgartner and M. J. Moore. 2012. Body shape changes associated with reproductive status, nutritive condition and growth in right whales Eubalaena glacialis and E. australis. Marine Ecology Progress Series 459:135-156.
7. Fortune, S. M. E., A. W. Trites, W. L. Perryman, M. J. Moore, H. M. Pettis and M. S. Lynn. 2012. Growth and rapid early development of North Atlantic right whales (Eubalaena glacialis). Journal of Mammalogy 93:1342-1354.
8. Dennison, S., A. Fahlman and M. Moore. 2012. The use of diagnostic imaging for identifying abnormal gas accumulations in cetaceans and pinnipeds. Front Physiol 3.

**2011**

1. Werner, R., J. Forcada, M. Bertellotti, E. A. Crespo, S. Dans, Y. Degrati, A. Fazio, M. F. Grandi, R. Loizaga, M. Coscarello, L. Bossio, A. Carribero, N. Geremias, M. S. Lindner, E. Romina, C. L. Rosas, M. Sironi, D. Taboada, F. Guiland, R. R. Reeves, K. Groch, S. Krapovickas, D. Conchillo, A. Chirife, V. Rowntree, P. O. Thomas, R. L. Brownell, T. Rowles, G. Harris, D. Mcaloose, M. Uhart, A. Vila, H. Rosenbaum, M. Moore, P. Jepson and K. Acevedo-Whitehouse. 2011. Report of the southern right whale die-off workshop. Journal of Cetacean Research and Management 12:367-398.
2. Moore, M. J., T. Hammar, J. Arruda, S. Cramer, S. Dennison, E. Montie and A. Fahlman. 2011. Hyperbaric computed tomographic measurement of lung compression in seals and dolphins. Journal of Experimental Biology 214:2390-2397.
3. Miller, C. A., D. Reeb, P. B. Best, A. R. Knowlton, M. W. Brown and M. J. Moore. 2011. Blubber thickness in right whales Eubalaena glacialis and Eubalaena australis related with reproduction, life history status and prey abundance. Marine Ecology Progress Series 438:267-283.
4. Hooker, S. K., A. Fahlman, M. J. Moore, N. Aguilar Soto, Y. Bernaldo De Quirós, A. O. Brubakk, D. P. Costa, A. M. Costidis, S. Dennison, K. J. Falke, A. Fernández, M. Ferrigno, J. R. Fitz-Clarke, M. M. Garner, D. S. Houser, P. D. Jepson, D. R. Ketten, P. H. Kvadsheim, P. T. Madsen, N. W. Pollock, S. Rotstein, T. K. Rowles, S. E. Simmons, W. Van Bonn, P. K. Weathersby, M. J. Weise, T. M. Williams and P. L. Tyack. 2011. Deadly diving? Physiological and behavioural management of decompression stress in diving mammals. Proceedings of the Royal Society of London Series B-Biological Sciences.
5. Fahlman, A., S. H. Loring, M. Ferrigno, C. Moore, G. Early, M. Niemeyer, B. Lentell, F. Wenzel, R. Joy and M. J. Moore. 2011. Static inflation and deflation pressure-volume curves from excised lungs of marine mammals. Journal of Experimental Biology 214:3822-3828.
6. Dennison, S., M. J. Moore, A. Fahlman, K. Moore, S. Sharp, C. T. Harry, J. Hoppe, M. Niemeyer, B. Lentell and R. S. Wells. 2011. Bubbles in live-stranded dolphins. Proceedings of the Royal Society B: Biological Sciences.
7. Cassoff, R. M., K. M. Moore, W. A. Mclellan, S. G. Barco, D. S. Rotstein and M. J. Moore. 2011. Lethal entanglement in baleen whales. Diseases of Aquatic Organisms 96:175-185.

**2010**

1. Wilson, J. Y., M. J. Moore and J. J. Stegeman. 2010. Catalytic and immunochemical detection of hepatic and extrahepatic microsomal cytochrome P450 1A1 (CYP1A1) in white-sided dolphin (Lagenorhynchus acutus). Aquatic Toxicology 96:216-224.
2. Oremland, M. S., B. M. Allen, P. J. Clapham, M. J. Moore, C. Potter and J. G. Mead. 2010. Mandibular fractures in short-finned pilot whales, Globicephala macrorhynchus. Marine Mammal Science 26:1-16.
3. Moore, M., M. Walsh, J. Bailey, D. Brunson, F. Gulland, S. Landry, D. Mattila, C. Mayo, C. Slay, J. Smith and T. Rowles. 2010. Sedation at sea of entangled North Atlantic right whales (Eubalaena glacialis) to enhance disentanglement. PLoS ONE 5.
4. Montie, E. W., R. J. Letcher, C. M. Reddy, M. J. Moore, B. Rubinstein and M. E. Hahn. 2010. Brominated flame retardants and organochlorine contaminants in winter flounder, harp and hooded seals, and North Atlantic right whales from the Northwest Atlantic Ocean. Mar Pollut Bull 60:1160-1169.
5. Bogomolni, A. L., K. R. Pugliares, S. M. Sharp, K. Patchett, C. T. Harry, J. M. Larocque, K. M. Touhey and M. Moore. 2010. Mortality trends of stranded marine mammals on Cape Cod and southeastern Massachusetts, USA, 2000 to 2006. Diseases of Aquatic Organisms 88:143-155.

**2009**

1. Tsukrov, I., J. C. Decew, K. Baldwin, R. Campbell-Malone and M. J. Moore. 2009. Mechanics of the right whale mandible: Full scale testing and finite element analysis. Journal of Experimental Marine Biology and Ecology 374:93-103.
2. Rose, J. M., R. J. Gast, A. Bogomolni, J. C. Ellis, B. J. Lentell, K. Touhey and M. Moore. 2009. Occurrence and patterns of antibiotic resistance in vertebrates off the Northeastern United States coast. FEMS Microbiol Ecol 67:421-431.
3. Moore, M. J., A. L. Bogomolni, S. E. Dennison, G. Early, M. M. Garner, B. A. Hayward, B. J. Lentell and D. S. Rotstein. 2009. Gas bubbles in seals, dolphins, and porpoises entangled and drowned at depth in gillnets. Vet Pathol 46:536-547.
4. Moore, M. J. 2009. Current issues facing North Atlantic right whales and stakeholders. Environmental Affairs Law Review 36:309-317.
5. Hlista, B. L., H. M. Sosik, L. V. M. Traykovski, R. D. Kenney and M. J. Moore. 2009. Seasonal and interannual correlations between right-whale distribution and calving success and chlorophyll concentrations in the Gulf of Maine, USA. Marine Ecology Progress Series 394:289-302.

**2008**

1. Winn, J. P., B. L. Woodward, M. J. Moore, M. L. Peterson and J. G. Riley. 2008. Modeling whale entanglement injuries: An experimental study of tissue compliance, line tension, and draw-length. Marine Mammal Science 24:326-340.
2. Moore, M. J., R. J. Gast and A. L. Bogomolni. 2008. Marine vertebrate zoonoses: an overview of the DAO Special Issue. Diseases of Aquatic Organisms 81:1-3.
3. Mcleod, B. A., M. W. Brown, M. J. Moore, W. Stevens, S. H. Barkham, M. Barkham and B. N. White. 2008. Bowhead whales, and not right whales, were the primary target of 16th-to 17th-century Basque whalers in the western North Atlantic. ARCTIC 61:61-75.
4. Lasek-Nesselquist, E., A. L. Bogomolni, R. J. Gast, D. M. Welch, J. C. Ellis, M. L. Sogin and M. J. Moore. 2008. Molecular characterization of Giardia intestinalis haplotypes in marine animals: variation and zoonotic potential. Diseases of Aquatic Organisms 81:39-51.
5. Hooker, S. K., T. L. Metcalfe, C. D. Metcalfe, C. M. Angell, J. Y. Wilson, M. J. Moore and H. Whitehead. 2008. Changes in persistent contaminant concentration and CYP1A1 protein expression in biopsy samples from northern bottlenose whales, Hyperoodon ampullatus, following the onset of nearby oil and gas development. Environmental Pollution 152:205-216.
6. Gulland, F. M. D., F. B. Nutter, K. Dixon, J. Calambokidis, G. Schorr, J. Barlow, T. Rowles, S. Wilkin, T. Spradlin, L. Gage, J. Mulsow, C. Reichmuth, M. Moore, J. Smith, P. Folkens, S. F. Hanser, S. Jang and C. S. Baker. 2008. Health assessment, antibiotic treatment, and behavioral responses to herding efforts of a cow-calf pair of humpback whales (Megaptera novaeangliae) in the Sacramento river delta, California. Aquatic Mammals 34:182-192.
7. Campbell-Malone, R., S. G. Barco, P.-Y. Daoust, A. R. Knowlton, W. A. Mclellan, D. S. Rotstein and M. J. Moore. 2008. Gross and histologic evidence of sharp and blunt trauma in North Atlantic right whales (Eubalaena glacialis) killed by vessels. Journal of Zoo and Wildlife Medicine 39:37-55.
8. Bogomolni, A. L., R. J. Gast, J. C. Ellis, M. Dennett, K. R. Pugliares, B. J. Lentell and M. J. Moore. 2008. Victims or vectors: a survey of marine vertebrate zoonoses from coastal waters of the Northwest Atlantic. Diseases of Aquatic Organisms 81:13-38.

**2007**

1. Wilson, J. Y., R. Wells, A. Aguilar, A. Borrell, V. Tornero, P. Reijnders, M. Moore and J. J. Stegeman. 2007. Correlates of cytochrome P450 1A1 expression in bottlenose dolphin (Tursiops truncatus) integument biopsies. Toxicological Sciences 97:111-119.
2. Pugliares, K. R., A. Bogomolni, K. M. Touhey, S. M. Herzig, C. T. Harry and M. J. Moore. 2007. Marine Mammal Necropsy: An introductory guide for stranding responders and field biologists. Woods Hole Oceanographic Institution, p. WHOI-2007-06. 132 pp.
3. Myers, R. A., S. A. Boudreau, R. D. Kenney, M. J. Moore, A. A. Rosenberg, S. A. Sherrill-Mix and B. Worm. 2007. Saving endangered whales at no cost. Current Biology 17:R10-R11.
4. Moore, M., G. Early, K. Touhey, S. Barco, F. Gulland and R. Wells. 2007. Rehabilitation and release of marine mammals in the United States: Risks and benefits. Marine Mammal Science 23:731-750.

**2006**

1. Woodward, B. L., J. P. Winn, M. J. Moore and M. L. Peterson. 2006. Experimental modeling of large whale entanglement injuries. Marine Mammal Science 22:299-310.
2. Moore, M. J., A. Bogomolni, R. Bowman, P. K. Hamilton, C. T. Harry, A. R. Knowlton, S. Landry, D. S. Rotstein and K. Touhey. 2006. Fatally entangled right whales can die extremely slowly. Oceans 2006.
3. Lefkovitz, L. F., S. Pala, C. Hunt, M. Hall and M. Moore. 2006. Fish and shellfish monitoring in Boston Harbor and Massachusetts Bay - 1992 through 2005. Oceans 2006.
4. Bogomolni, A. J., J. Ellis, R. Gast, B. Harris, M. Pokras, K. Touhey and M. J. Moore. 2006. Emerging zoonoses in marine mammals and seabirds of the Northeast U.S.

**2005**

1. Wilson, J. Y., S. R. Cooke, M. J. Moore, D. Martineau, I. Mikaelian, D. A. Metner, W. L. Lockhart and J. J. Stegeman. 2005. Systemic effects of arctic pollutants in Beluga whales indicated by CYP1A1 expression. Environ Health Perspect 113:1594-1599.
2. Sweeny, M. M., J. M. Price, G. S. Jones, T. W. French, G. A. Early and M. J. Moore. 2005. Spondylitic changes in long-finned pilot whales (Globicephala melas) stranded on Cape Cod, Massachusetts, USA, between 1982 and 2000. J Wildl Dis 41:717-727.
3. Rothschild, B. M., E. D. Mitchell, M. J. Moore and G. A. Early. 2005. What causes lesions in sperm whale bones? [2] (multiple letters). Science 308:631-632.
4. Moore, M. J., A. R. Knowlton, S. D. Kraus, W. A. Mclellan and R. K. Bonde. 2005. Morphometry, gross morphology and available histopathology in North Atlantic right whale (Eubalaena glacialis) mortalities (1970 to 2002). Journal of Cetacean Research and Management 6:199-214.
5. Moore, M. J. and G. A. Early. 2005. What causes lesions in sperm whale bones? Response. Science 308:631-632.
6. Moore, M., L. Lefkovitz, M. Hall, R. Hillman, D. Mitchell and J. Burnett. 2005. Reduction in organic contaminant exposure and resultant hepatic hydropic vacuolation in winter flounder (Pseudopleuronectes americanus) following improved effluent quality and relocation of the Boston sewage outfall into Massachusetts Bay, USA: 1987-2003. Mar Pollut Bull 50:156-166.
7. Kraus, S. D., M. W. Brown, C. W. Clark, P. K. Hamilton, R. D. Kenney, A. R. Knowlton, S. Landry, C. A. Mayo, W. A. Mclellan, M. J. Moore, D. P. Nowacek, D. A. Pabst, A. J. Read and R. M. Rolland. 2005. Bilateral action for right whales - Reply. Science 310:1617-1618.
8. Kraus, S. D., M. W. Brown, H. Caswell, C. W. Clark, M. Fujiwara, P. K. Hamilton, R. D. Kenney, A. R. Knowlton, S. Landry, C. A. Mayo, W. A. Mclellan, M. J. Moore, D. P. Nowacek, D. A. Pabst, A. J. Read and R. M. Rolland. 2005. North Atlantic right whales in crisis. Science 309:561-562.
9. Cavatorta, D., V. Starczak, K. Prada and M. J. Moore. 2005. A note on the friction of different ropes in right whale baleen: an entanglement model. Journal of Cetacean Research and Management 7:39-42.

**2004**

1. Moore, M. J., B. Rubinstein, S. A. Norman and T. Lipscomb. 2004. A note on the most northerly record of Gervais’ beaked whale from the western North Atlantic Ocean. Journal of Cetacean Research and Management 6:279-281.
2. Moore, M. J. and G. A. Early. 2004. Cumulative sperm whale bone damage and the bends. Science 306:2215.
3. Angell, C. M., J. Y. Wilson, M. J. Moore and J. J. Stegeman. 2004. Cytochrome p450 1A1 expression in cetacean integument: Implications for detecting contaminant exposure and effects. Marine Mammal Science 20:554-566.

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