5 November 2015

**CURRICULUM VITAE**

Linda Susan Weilgart

Work Address: Department of Biology

Dalhousie University

1355 Oxford St.

P.O. Box 15000

Halifax, Nova Scotia B3H 4R2 Canada

Phone: (902) 403-9377

Fax: (902) 494-3736

E-mail: lweilgar@dal.ca

Marital status: Divorced, three children (b. 1987, 1991, 1994)

Nationality: USA / Germany; Canadian permanent resident

Degrees:

1978-1982 B.A. Biology, Luther College, USA

1982-1985 M.Sc. Biopsychology, Memorial University of Newfoundland

Thesis: Vocalizations of the North Atlantic Pilot Whale (Globicephala melaena Traill) as Related to Behavioral and Environmental Contexts

Supervisor: Prof. Dr. Jon Lien

1986-1990 Ph.D. Biology, Dalhousie University

Thesis: Vocalizations of the Sperm Whale (Physeter macrocephalus) off the Galápagos Islands as Related to Behavioral and Circumstantial Variables

Supervisor: Prof. Dr. Ian McLaren

Absent from scientific research from Summer 1990 to May 1992, and May 1994-September 2000 for child-rearing purposes. From September 2000 to September 2013, I was only able to work intermittently and on a part-time basis mainly due to my youngest child’s disability (cerebral palsy).

Position:

NSERC Post-doctoral Fellowship, Bioacoustics Research Program, Cornell University, Supervisor: Dr. Christopher Clark, 1992-4

Adjunct, Dept. of Biology, Dalhousie University, 1994-present

Research Associate, Max-Planck-Institute of Behavioral Physiology, Seewiesen, Germany, Dept. Wickler, Sept. 2000-Sept. 2001

Assistant Professor, Dept. of Biology, Dalhousie University, Jan.-April 2003, Jan.-Dec. 2004, Sept.-Dec. 2005

Scientific Advisor, International Ocean Noise Coalition, 2005-present

Scientific Advisor/Workshop Organizer, Okeanos Foundation, part-time, Jan. 2009-2013

Deputy member of the Antarctic Commission of independent scientific experts for the German Federal Ministry for the Environment, appointed for 3 years, June 2012

Member, Convention on Migratory Species (CMS) Scientific Council’s Aquatic Mammals Working Group (AMWG), June 2013-present

Independent consultant for groups such as Natural Resources Defense Council (NRDC), Humane Society International (HSI), Whale and Dolphin Conservation (WDC), International Fund for Animal Welfare (AWI), Greenpeace, Animal Welfare Institute (AWI), OceanCare, and others, 1994-present

Honours:

B.A., magna cum laude

Regents Scholarship, 1978-82, Luther College

Scholarship to attend Animal Behavior course at the Marine Biological Laboratory, Woods Hole, MA, January 1982

Hatcher Scholarship, 1982-83, Memorial Univ. of Nfld., (awarded to most promising incoming graduate student)

Memorial University Fellowship, 1983-84, Memorial Univ. of Nfld.

Honorable Mention Student Award, for presentation at the Sixth Biennial Marine Mammal Conference, Vancouver, 1985

Dalhousie Graduate Fellowship, 1986-87, Dalhousie Univ.

NSERC Post-Graduate Scholarship, 1987-89, Dalhousie Univ.

Izaak Walton Killam Memorial Scholarship, 1988-89, Dalhousie Univ.

NSERC Post-doctoral Fellowship, Bioacoustics Research Program, Cornell University, Supervisor: Dr. Christopher Clark, 1992-4

Distinguished Service Award, Luther College, Oct. 2002

Invited lecturer, Hoslett Memorial Homecoming Lecture, Luther College, Oct. 2002

Invited expert participant:

Invited participant, International Workshop on the Special Aspects of Watching Sperm Whales, Roseau, Dominica, Jan. 8-11, 1996.

Invited expert member, “Noisy Oceans” panel, American Cetacean Society’s Whales 2000 Conference, Monterey, California, Nov. 17-19, 2000.

Invited expert panel member, Conference on the Impact of Acoustics on Marine Organisms, Deutsche Forschungsgemeinschaft (DFG) [German Research Foundation] and Alfred-Wegener-Institut für Polar- und Meeresforschung (AWI), [Alfred Wegener Institute for Polar and Marine Research], Berlin, Germany, June 17-19, 2002.

Invited expert, National Assessment Meeting on Seismic Impacts, Department of Fisheries and Oceans Canada, Ottawa, May 17-21, 2004.

Alternate member, U.S. Marine Mammal Commission’s Advisory Committee on Acoustic Impacts on Marine Mammals, Feb. 2004-Feb. 2006.

Member, U.S. Marine Mammal Commission’s Advisory Committee on Acoustic Impacts on Marine Mammals, Subcommittee on Management and Mitigation, April 2004-Feb. 2006.

Member, U.S. Marine Mammal Commission’s Advisory Committee on Acoustic Impacts on Marine Mammals, Subcommittee on Synthesis of Current Knowledge, July 2004-Feb. 2006.

Invited expert, International Whaling Commission’s Scientific Committee Workshop on Seismic Impacts, St. Kitts, May 24-25, 2006.

Invited expert referee, Science Advisory Process on Update to Sept. 2004 Review of Potential Impacts of Seismic Energy on Snow Crab, Gulf Fisheries Centre, Department of Fisheries and Oceans Canada, Moncton, New Brunswick, Canada, Jan. 23, 2007.

Invited expert and co-organizer, Global Scientific Workshop on Spatio-Temporal Management of Noise, Lanzarote, Canary Islands, Spain, June 4-6, 2007.

Invited expert and co-organizer, Workshop on Noise-Related Stress in Marine Mammals, Lanzarote, Canary Islands, Spain, June 6-8, 2007.

Invited expert and co-organizer, Workshop on Noise from Shipping Operations and Marine Life: Technical, Operational and Economic Aspects of Noise Reduction, Hamburg, Germany, April 21-24, 2008.

Invited expert, National Science Advisory Process on Examination of the Effectiveness of Measures Used to Mitigate Potential Impacts of Seismic Sound on Marine Mammals, Fisheries and Oceans Canada, Ottawa, Ontario, May 12-13, 2009.

Invited expert and co-organizer, Workshop on Assessing the Cumulative Impacts of Underwater Noise with Other Anthropogenic Stressors on Marine Mammals: From Ideas to Action, Okeanos Foundation, Monterey, California, Aug. 25-29, 2009.

Invited expert and co-organizer, Workshop on Alternative Technologies to Seismic Airgun Surveys for Oil and Gas Exploration and their Potential for Reducing Impacts on Marine Mammals, Okeanos Foundation, Monterey, California, Aug. 30-Sept. 1, 2009.

Invited expert, Workshop: Unterwasserschall als Umweltparameter [Underwater Sound as Environmental Parameter]. Held by the German Government: Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (BMU) [Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety] in collaboration with the Bundesamt für Naturschutz (BfN) [Federal Agency for Nature Conservation], and the Umweltbundesamt (UBA) [Federal Environment Agency]. Berlin, Germany, March 9, 2010.

Invited expert, Science Advisory Meeting on Indicator Selection and Monitoring Protocols for the Tarium Niryutait Marine Protected Area. Fisheries and Oceans Canada, Freshwater Institute, Winnipeg, Manitoba, Canada, March 30-31, 2010.

Invited expert, Workshop: Marine Mammals and Sound: Science and Application, co-chaired by the U.S. Navy and NOAA and sponsored by the Joint Subcommittee on Ocean Science and Technology (JSOST), Washington, D.C., July 13-14, 2010.

Invited expert, 2011 Marine Mammal Monitoring Workshop. U.S. Navy, Arlington, VA, June 8-9, 2011.

Invited expert, “How much is the Ocean worth to you?” Kava Bowl Ocean Summit 2011, Okeanos Foundation, Honolulu, HI, June 30-July 3, 2011.

Invited expert, Workshop: Ocean Noise in Canada’s Pacific, WWF, Vancouver, B.C., January 31-February 1, 2012.

Invited expert, Symposium: Mapping Cetaceans and Sound: Modern Tools for Ocean Management, chaired by NOAA, Washington, D.C., May 23-24, 2012.

Invited expert, International Whaling Commission’s Scientific Committee Workshop on Interactions between Marine Renewable Projects and Cetaceans Worldwide, Panama City, Panama, June 8-10, 2012.

Invited expert, 3rd International Conference on Progress in Marine Conservation in Europe 2012, German Federal Agency for Nature Conservation, Stralsund, Germany, June 18-22, 2012.

Invited panel member and expert, Mitigation and Monitoring Workshop for Marine Mammal Protection Act Rulemaking on Geological and Geophysical Activities in Federal Waters of the Gulf of Mexico, BOEM and NMFS, Herndon, VA, November 28-30, 2012.

Scientific technical review panel member and invited expert, Workshop on Quieting Technologies for Reducing Noise During Seismic Surveying and Pile Driving, BOEM, Silver Spring, MD, 25-27 February 2013.

Invited expert, Workshop for the Development of Important Marine Mammal Area (IMMA) Criteria, Marseille, France, 22 Oct., 2013.

Invited expert, ACCOBAMS (Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area) Meeting of Parties, Tangier, Morocco, 5-8 November, 2013.

Invited expert, UN Convention on Biodiversity (CBD) Expert Workshop on Underwater Noise and its Impacts on Marine and Coastal Biodiversity, London, UK, 25-27 February, 2014.

Invited expert, Review of Mitigation and Monitoring Measures for Seismic Survey Activities in and near the Habitat of Cetacean Species at Risk meeting, Halifax, Nova Scotia, Canada, 25-27 March, 2014.

Teaching Experience:

Biology department teaching and laboratory assistant and tutor, 1980-82, Luther College

Assisted teaching on marine mammals, aboard r/v Rambler, Fall 1984, Ocean Research and Education Society in conjunction with University of Massachusetts

Demonstrator, Introductory Ecology, Fall 1986, Dalhousie Univ.

Demonstrator, General Biology, Winter 1989, Fall/Winter 1989-90, Dalhousie Univ.

Sessional instructor, Marine Mammalogy, Winter 2003, Winter 2004, Fall 2004, Fall 2005, Dalhousie Univ.

Research Experience:

Research assistant, Upper Mississippi River Basin Commission Project, study of impact of barge passage on invertebrates of the Mississippi River, Summer 1980

Research assistant, data analysis of the above study, Jan. 1981

Crew chief and research assistant, Upper Mississippi River Basin Commission Project, Phase II, Summer 1981

Designed and conducted research on effects of Extremely Low Frequency (ELF) electromagnetic fields from powerlines on willow growth, Spring 1981

Research assistant, study of humpback whales on the Grand Banks, Newfoundland, Summer 1982

Principal investigator, study of pilot whale vocalizations and behavior, Conception Bay, Newfoundland, Summer 1982

Research assistant, World Wildlife Fund Indian Ocean Sperm Whale Project, Sri Lanka, Fall 1983

Research assistant, study of sperm whales in West Indies, Fall 1984

Research assistant, study of sperm whales off the Galapagos Islands, Winter 1985

Research assistant, study of sperm whales off Nova Scotia, Summer 1986

Field research for Ph.D., study of sperm whales off the Galapagos Islands, January-July 1987

Research assistant, study of sperm whales and bottlenosed whales off Nova Scotia, Summer 1988

Research assistant, study of bottlenose whales off Nova Scotia, Summer 1989, 1990, 1997

Field research for post-doctoral fellowship, study of sperm whales in South Pacific, May 1992-June 1993

Field research on the effects of undersea noise (RIMPAC naval exercise) on cetaceans, Hawaii, July 2006

Field research on bottlenose whales, Gully, Nova Scotia, August 2007

Field research to monitor RIMPAC naval exercise and impacts on cetaceans, Hawaii, July 2008

Presentations (All are talks except where noted as posters; \*indicates person presenting):

Weilgart, L.S.\* and D.A. Sabelka. 1981. Effects of ELF radiation on willow growth. Annual Meeting of Iowa Academy of Science, Cedar Rapids, Iowa.

Whitehead, H., C. Glass, and L. Weilgart\*. 1982. Humpback whales on the Southeast Shoal, summer 1982. First Annual Meeting of the Western North Atlantic Whale Research Association, Boston, MA.

Weilgart, L.S. 1985. The relationship between vocalizations and behavior of North Atlantic pilot whales. Poster presented at Sixth Biennial Conference on the Biology of Marine Mammals, Vancouver, B.C.

Whitehead, H.\*, L.S. Weilgart, and S. Waters. 1988. Seasonality of sperm whales off the Galapagos Islands, Ecuador. International Whaling Commission Scientific Committee Meeting, San Diego, CA.

Mullins, J., H. Whitehead\*, and L.S. Weilgart. 1988. Behavior and vocalizations of two single sperm whales, Physeter macrocephalus, off Nova Scotia. International Whaling Commission Scientific Committee Meeting, San Diego, CA.

Weilgart, L.S.\* and H. Whitehead. 1989. Distinctive vocalizations of mature male sperm whales. Annual Meeting of the Canadian Acoustical Association, Halifax, N.S.

Whitehead, H.\* and L.S. Weilgart. 1989. Click rates from sperm whales. Annual Meeting of the Canadian Acoustical Association, Halifax, N.S.

Weilgart, L.S.\* and H. Whitehead. 1989. Coda vocalizations of sperm whales off the Galapagos Islands. Eighth Biennial Conference on the Biology of Marine Mammals, Pacific Grove, CA.

Weilgart, L.S \*, H. Whitehead and A. Faucher. 1990. Bottlenose whales of the Gully. Invited Brief Presented to: Cohasset/Panuke Environmental and Socio-Economic Review Commission, Halifax, N.S.

Faucher, A.\* and L.S. Weilgart. 1991. Critical marine habitat in offshore waters: the need for protection. International Conference on Science and the Management of Protected Areas, Wolfville, N.S.

Weilgart, L.\* and H. Whitehead. 1991. Relationships between vocalizations and visually observable behaviour in female sperm whales and their offspring. Poster presented at the Ninth Biennial Conference on the Biology of Marine Mammals, Chicago.

Weilgart, L.S. 1993. Voyage across the Pacific. Laboratory of Ornithology, Cornell University, Oct. 1993.

Weilgart, L.S. 1993. Voyage across the Pacific. Corland College, NY, Dec. 1993.(Invited speaker).

Weilgart, L.S.\*, H. Whitehead, S. Carler, and C.W. Clark. 1993. Variations in the vocal repertoires of sperm whales (Physeter macrocephalus) with geographic area and year. Tenth Biennial Conference on the Biology of Marine Mammals, Galveston, Texas.

Weilgart, L.S. 1994. Sailing, whaling, and diapering. Nova Scotia Museum of Natural History, Halifax, Nova Scotia, Feb. 1994. (Invited speaker).

Weilgart, L.\* and H. Whitehead. 1995. Dialects in sperm whales (Physeter macrocephalus). XXIV International Ethological Conference, Honolulu, Hawaii.

Weilgart, L. 1997. ATOC and LFA Sonar: Undersea noise pollution and the limitations of science. Fifth Annual Whales Alive Conference, Maui, Hawaii. (Invited delegate).

Weilgart, L.\* and H. Whitehead. 1997. Human-generated undersea noise and the marine environment: objections to ATOC and LFA sonar and suggestions for future protocols. Annual Meeting of the Society for Conservation Biology, Victoria, B.C., Canada.

Whitehead, H. and L. Weilgart.\* 1997. The motives, funding, and geopolitics of cetacean science. Annual Meeting of the Society for Conservation Biology, Victoria, B.C., Canada.

Weilgart, L. 1998. Sperm whale vocal traditions and cultures. Sixth Annual Whales Alive Conference, Maui, Hawaii. (Invited delegate).

Weilgart, L. 2000. Objections to the LFAS project and suggestions for future protocols. Ocean Mammal Institute’s Symposium on the Navy’s High Intensity Sonars, August 14-15, Bar Harbor, Maine. (Invited speaker).

Weilgart, L.\* and H. Whitehead. 2000. Objections to the ATOC and LFA sonar projects and suggestions for future protocols. American Cetacean Society’s Whales 2000 Conference, Nov. 17-19, Monterey, California. (Invited speaker).

Whitehead, H.\* and L. Weilgart. 2001. Science and the management of underwater noise: information gaps and polluter power. Acoustical Society of America meeting, Dec. 3-7, Fort Lauderdale, Florida.

Weilgart, L. 2002. Der Pottwal und Schall: seine Kommunikations-Signale und Lärmverschmutzung durch neue militärische Sonare. [The sperm whale and sound: its communication signals and noise pollution through new military sonars]. Lecture Series: Wal und Mensch [Whale and Man], Tierärztliche Hochschule [Veterinary Academy], 29 January, Hannover, Germany. (Invited speaker).

Weilgart, L. 2002. The sperm whale. Caribwhale Whalewatch Operator´s Meeting, May 13-15, Le Domaine de Petite-Anse, Guadeloupe. (Invited speaker).

Weilgart, L. 2002. Unterwasserlärm als Form der marinen Umweltverschmutzung und als Beeinträchtigung von Meeressäugetieren. [Underwater noise as a form of environmental pollution and as disturbance to marine mammals]. 12th Symposium for Aktuelle Probleme der Meeresumwelt, [Current Problems in the Marine Environment]. June 5-6, Hamburg, Germany. (Invited speaker).

Weilgart, L.\* and H. Whitehead. 2002. The threat of underwater noise on whales: management in light of scientific limitations. Conference on the Impact of Acoustics on Marine Organisms, June 17-19, Berlin, Germany. (Invited speaker).

Weilgart, L.\* and H. Whitehead. 2003. LFA sonar and marine mammals: scientific limitations, credibility, and management. 17th Conference of the European Cetacean Society, March 9-13, Las Palmas de Gran Canaria, Spain.

Rendell, L., Weilgart, L. and H. Whitehead\*. 2003. Learning from the LFA fiasco: whither the credibility of marine mammal bioacoustics? Symposium on Environmental Consequences of Underwater Sound (ECOUS), May 12-16, San Antonio, Texas.

Weilgart, L.\* 2004. Seismic testing and the impacts of high intensity sound on whales. Lecture tour with David Suzuki, David Suzuki Foundation, Feb. 22 (Victoria), Feb. 23 (Nanaimo), Feb. 24 (Vancouver), British Columbia, Canada. (Invited speaker).

Weilgart, L.\* 2006. Acoustic smog: undersea noise effects on whales and other marine life. Northwest Fisheries Science Center, Feb. 23, Seattle, WA. (Invited speaker).

Weilgart, L.\* 2007. Known effects of undersea noise on marine mammals: a review. Workshop on Noise-Related Stress in Marine Mammals, June 6-8, Lanzarote, Canary Islands, Spain. (Invited speaker).

Weilgart, L.\* 2008. Known effects of underwater noise on marine mammals: a review and a summary of the workshop on noise-related stress in marine mammals. Workshop on Noise from Shipping Operations and Marine Life: Technical, Operational and Economic Aspects of Noise Reduction, April 21-24, Hamburg, Germany. (Invited speaker).

Weilgart, L.\* 2009. Incorporating underwater noise concerns into MPA design and management. First International Conference on Marine Mammal Protected Areas (ICMMPA), March 30-April 3, Maui, Hawaii. (Invited speaker).

Weilgart, L.\* 2009. The importance of sound to marine mammals and the variety of anthropogenic underwater noise sources. Workshop on Assessing the Cumulative Impacts of Underwater Noise with Other Anthropogenic Stressors on Marine Mammals: From Ideas to Action, Okeanos Foundation, Aug. 25-29,Monterey, California. (Invited speaker and co-organizer).

Weilgart, L.\* 2009. The uses of sound by marine mammals and the impacts from anthropogenic underwater noise sources. Workshop on Alternative Technologies to Seismic Airgun Surveys for Oil and Gas Exploration and their Potential for Reducing Impacts on Marine Mammals, Okeanos Foundation, Aug. 30-Sept. 1, Monterey, California. (Invited speaker and co-organizer).

Weilgart, L.\* 2010. Leistungsstarke Sonare und Seismik. [High-powered sonars and seismic]. Workshop: Unterwasserschall als Umweltparameter [Underwater Sound as Environmental Parameter]. March 9, Berlin, Germany. (Invited speaker).

Weilgart, L.(ed.).\* 2010. Reducing the potential for seismic airgun impacts on cetaceans through alternative technologies for oil and gas exploration. 24th Conference of the European Cetacean Society, March 22-24, Stralsund, Germany.

Weilgart, L.(ed.).\* 2010. Are there technological alternatives to airguns for oil and gas exploration to reduce potential noise impacts on cetaceans? Poster presented at the 2nd International Conference of the Effects of Noise on Aquatic Life, August 15-20, Cork, Ireland.

Bergmann, T., Hatch, L., Jasny, M.\*, Metcalf, K., Southall, B., Weilgart, L., and Wright, A. 2011. Progress on reducing underwater noise from large commercial ships. 2nd International Marine Conservation Congress, May 14-18, Victoria, B.C., Canada.

Scholik-Schlomer, A.R.\*, Bergmann, T., Hatch, L., Jasny, M., Metcalf, K., Southall, B., Weilgart, L., and Wright, A. 2011. Reducing underwater noise from large commercial ships. 19th Biennial Conference on the Biology of Marine Mammals. November 27-December 2, Tampa, Florida, USA.

Weilgart, L. 2012. How the Gully MPA is managed for underwater noise. WWF workshop on Ocean Noise in Canada’s Pacific. January 31-February 1, Vancouver, B.C., Canada. (Invited speaker).

Weilgart, L. 2012. Alternative quieter technologies to seismic airguns for collecting geophysical data. 3rd International Conference on Progress in Marine Conservation in Europe 2012, June 18-22, Stralsund, Germany. (Invited speaker).

Weilgart, L. 2013. Alternative technologies to seismic airgun surveys. Workshop on Quieting Technologies for Reducing Noise During Seismic Surveying and Pile Driving Workshop, BOEM, Silver Spring, MD, 25-27 February 2013. (Invited speaker).

Weilgart, L. 2013. EU Marine Strategy Framework Directive Descriptor 11: underwater noise. Workshop on Management Solutions for Underwater Noise in Canada’s Pacific. WWF-Canada, Vancouver Aquarium, Vancouver, BC, Canada, 6-7 June, 2013. (Invited speaker).

Weilgart, L. 2013. Underwater noise mitigation (for shipping and pile driving). Workshop on Management Solutions for Underwater Noise in Canada’s Pacific. WWF-Canada, Vancouver Aquarium, Vancouver, BC, Canada, 6-7 June, 2013. (Invited speaker).

Weilgart, L. 2013. Eine Alternative zu Airguns: Marine Vibroseis (MV) oder Rüttler. Antarctic Commission Meeting, German Federal Agency for the Environment, Bremerhaven, Germany, Oct. 1-2. (Invited speaker).

Weilgart, L. 2013. The impacts of underwater noise on cetaceans. Knowledge Cafe on MPAs and Underwater Noise, 22 Oct., International Marine Protected Areas Congress, Marseille, France, 21-25 Oct., (Invited speaker).

Weilgart, L. 2013. Protecting Cuvier’s beaked whales from underwater noise. Talk given at ACCOBAMS Meeting of Parties, Tangier, Morocco, 6 November. (Invited speaker).

Weilgart, L. 2014. Underwater noise impacts on marine mammals: recent research results. UN Convention on Biodiversity (CBD) Expert Workshop on Underwater Noise and its Impacts on Marine and Coastal Biodiversity, London, UK, 25-27 February 2014. (Invited speaker).

Weilgart, L. 2014. Are we mitigating underwater noise-producing activities adequately?: a comparison of “takes” due to injury vs. behavioral disturbance. Digital Object presented at the First Mares Conference on Marine Ecosystems Health and Conservation, Olhão, Portugal, 17-21 November.

Publications:

Eckblad, J.W., C.S. Volden, and L.S. Weilgart. 1984. Allochthonous drift from backwaters to the main channel of the Mississippi River. Am. Midl. Nat. 111 (1): 16-22.

Weilgart, L.S. 1985. Observations of a sperm whale birth. Whales Etcetera 1: 3-5.

Weilgart, L.S. and H. Whitehead. 1986. Observations of a sperm whale (Physeter catodon) birth. J. Mamm. 67(2): 399-401.

Arnbom, T., V. Papastavrou, L.S. Weilgart, and H. Whitehead. 1987. Sperm whales react to an attack by killer whales. J. Mamm. 68(2): 450-453.

Weilgart, L.S. and H. Whitehead. 1988. Distinctive vocalizations from mature male sperm whales (Physeter macrocephalus). Can. J. Zool. 66(9): 1931-1937.

Mullins, J., H. Whitehead, and L.S. Weilgart. 1988. Behaviour and vocalizations of two single sperm whales, Physeter macrocephalus, off Nova Scotia. Can. J. Fish. Aquat. Sci. 45(10): 1736-1743.

Whitehead, H. and L. Weilgart. 1988. Sailing, Whaling, and Diapering. American Baby (June), Vol. L, No. 6, pp. 70-71.

Whitehead, H., L. Weilgart, and S. Waters. 1989. Seasonality of sperm whales off the Galapagos Islands, Ecuador. Rpt. Int. Whal. Commn. 39: 207-210.

Whitehead, H. and L. Weilgart. 1990. Click rates from sperm whales. J. Acoust. Soc. Am. 87: 1798-1806.

Weilgart, L.S. and H. Whitehead. 1990. Vocalizations of the North Atlantic pilot whale (Globicephala melas) as related to behavioral contexts. Behav. Ecol. Sociobiol. 26: 399-402.

Weilgart, L.S. and H. Whitehead. 1991. Moby's Click. Natural History (March): 64-67.

Whitehead, H. and L.S. Weilgart. 1991. Patterns of visually observable behaviour and vocalizations in groups of female sperm whales. Behaviour 118: 275-296.

Faucher, A. and L.S. Weilgart. 1992. Critical marine habitat in offshore waters: the need for protection. In: Science and the management of protected areas (edited by J.H.M. Willison, S. Bondrup-Nielsen, C. Drysdale, T.B. Herman, N.W.P. Munro, and T.L. Pollock). Elsevier, Amesterdam. pp: 75-78.

Weilgart, L.S. and H. Whitehead. 1993. Coda communication by sperm whales (Physeter macrocephalus) off the Galápagos Islands. Can. J. Zool. 71: 744-752.

Whitehead, H. and L. Weilgart. 1995. Marine mammal science, the U.S. Navy and academic freedom. Mar. Mammal Sci. 11:260-263.

Weilgart, L., H. Whitehead, and K. Payne. 1996. A colossal convergence. Amer. Sci. 84: 278-287.

Weilgart, L. and H. Whitehead. 1997. Group-specific dialects and geographical variation in coda repertoire in South Pacific sperm whales. Behav. Ecol. Sociobiol. 40: 277-285.

Whitehead, H., M. Dillon, S. Dufault, L. Weilgart, and J. Wright. 1998. Non-geographically based population structure of South Pacific sperm whales: dialects, fluke-markings and genetics. J. Anim. Ecol. 67:253-262.

Weilgart, L. 1999. When sound is dangerous. Christian Science Monitor 91 (233): 21 (October 28, 1999).

Whitehead, H., and L. Weilgart. 2000. The sperm whale: social females and roving males. In: Mann, J., Connor, R.C., Tyack, P. L, and Whitehead, H. (Eds.) Cetacean Societies. University of Chicago Press, Chicago, pp. 154-172.

Weilgart, L., and H. Whitehead. 2001. Sperm whales. In: MacDonald, D.W. (Ed.). The Encyclopedia of Mammals. Andromeda, London, pp. 244-249.

Weilgart, L. 2003. Acoustic Smog. In: Frohoff, T. and Peterson, B. (Eds.). Between Species: Celebrating the Dolphin-Human Bond. Sierra Club Books, San Francisco, pp. 230-238.

Weilgart, L. 2003. Sperm whales (Physeteridae). In: Hutchins, M., Kleiman, D.G., Geist, V., and M.C. McDade. (Eds.). Grzimek’s Animal Life Encyclopedia, 2nd edition. Vol. 15, Mammals IV. Gale Group, Farmington Hills, MI., pp. 73-80.

Weilgart, L. 2003. Unterwasserlärm als Form der marinen Umweltverschmutzung und als Beeinträchtigung von Meeressäugetieren [Underwater Noise as a Form of Marine Environmental Pollution and as Impact on Marine Mammals]. In: Bundesamt für Seeschifffahrt und Hydrographie (BSH) [Federal Agency for Maritime Shipping and Hydrography]. Meeresumwelt-Symposium [Marine Environment Symposium] 2002. BSH, Hamburg, Germany, pp. 143-146.

Simmonds, M., S. Dolman, and L. Weilgart (Eds.). 2003. Oceans of Noise. Whale and Dolphin Conservation Society, Chippenham, U.K., 164 pp.

Weilgart, L. and H. Whitehead. 2004. The threat of underwater noise on whales: management in light of scientific limitations. Polarforschung 72 (2/3): 99-101.

Weilgart, L., H. Whitehead, L. Rendell, and J. Calambokidis, J. 2005. Signal-to-noise: funding structure vs. ethics as a solution to conflict-of-interest. Mar. Mamm. Sci. 21 (4): 779-781.

Weilgart, L.S. 2006. Managing noise through Marine Protected Areas around global hot spots. International Whaling Commission Scientific Committee document SC/58/E25, 12 pp.

Weilgart, L.S. 2007. The need for precaution in the regulation and management of undersea noise. J. Int. Wildlife Law and Policy 10:3, 247-253.

Weilgart, L.S. 2007. The impacts of anthropogenic ocean noise on cetaceans and implications for management. Can. J. Zool. 85: 1091-1116.

Weilgart, L.S. 2007. A brief review of known effects of noise on marine mammals. Int. J. Comp. Psych. 20: 159-168.

Agardy, T., N. Aguilar Soto, A. Cañadas, M.H. Engel, A. Frantzis, L.T. Hatch, E. Hoyt, K. Kaschner, E. LaBrecque, V. Martin, G. Notarbartolo di Sciara, G. Pavan, A. Servidio, B. Smith, J. Wang, L. Weilgart, B. Wintle, and A. Wright. 2007. Report on the Scientific Workshop: A Global Scientific Workshop on Spatio-Temporal Management of Noise, 4-6 June 2007, Puerto Calero, Lanzarote, 44 pp. Available at: <http://www.okeanos-stiftung.org/assets/Uploads/str2007en2.pdf>

Wright, A.J., N. Aguilar Soto, A.L. Baldwin, M. Bateson, C.M. Beale, C. Clark, T. Deak, E.F. Edwards, A. Fernández, A. Godinho, L.T. Hatch, A. Kakuschke, D. Lusseau, D. Martineau, L.M. Romero, L.S. Weilgart, B.A. Wintle, G. Notarbartolo-di-Sciara, and V. Martin. 2007. Do marine mammals experience stress related to anthropogenic noise? Int. J. Comp. Psych. 20: 274-316.

Cooke, J., Bode, M., Clark, C., Crowder, L., Green, J., Loseto, L., Mangel, M., Munns, W., Ramasco, J.J., Reeves, R., Satterthwaite, W.H., Suydam, R., Taylor, B., Weilgart, L., and Wright, A.J. 2009. Modeling the population effects of cumulative impacts. In: Wright, A.J. (Ed.). Report of the Workshop on Assessing the Cumulative Impacts of Underwater Noise with Other Anthropogenic Stressors on Marine Mammals: From Ideas to Action. Monterey, California, USA, 26th-29th August, 2009. Okeanos - Foundation for the Sea, pp. 19-26. Available from: <http://www.okeanos-stiftung.org/assets/Uploads/CIReportFinal3.pdf>

Wade, L., Whitehead, H., and L. Weilgart. 2010. Conflict of interest in research on anthropogenic noise and marine mammals: does funding bias conclusions? Marine Policy 34: 320-327.

Weilgart, L. (Ed.). 2010. Report of the Workshop on Alternative Technologies to Seismic Airgun Surveys for Oil and Gas Exploration and their Potential for Reducing Impacts on Marine Mammals. Monterey, CA, USA, 31 August-1 Sept. 2009. Okeanos - Foundation for the Sea. Available from: <http://www.okeanos-stiftung.org/assets/Uploads/Airgun.pdf>

Loseto, L., T. Wazny, H. Cleator, B. Ayles, D. Cobb, L. Harwood, C. Michel, O. Nielsen, J. Paulic, L. Postma, P. Ramlal, J. Reist, P. Richard, P.S. Ross, S. Solomon, W. Walkusz, L. Weilgart and B. Williams. 2010. Information in support of indicator selection for monitoring the Tarium Niryutait Marine Protected Area (TNMPA). DFO Can. Sci. Advis. Sec. Res, Doc. 2010/094. vi + 47 p.

Wright, A.J. and Weilgart, L. 2011. Assessing cumulative impacts of underwater noise with other stressors on marine mammals. J. Acoust. Soc. Am. 129 (4): 2394.

Weilgart, L. 2012. Are there technological alternatives to air guns for oil and gas exploration to reduce potential noise impacts on cetaceans? In: Popper, A.N., and A. Hawkins (Eds.). The Effects of Noise on Aquatic Life, Advances in Experimental Medicine and Biology 730: 605-607, New York: Springer Press.

Wittekind, D. and Weilgart, L. 2012. Shipping noise – progress since Okeanos Foundation’s 2008 workshop. Available from: <http://www.okeanos-foundation.org/wordpressblog/blog/shippingnoise%E2%80%94progress-since-okeanos-foundations-2008-workshop/>

Weilgart, L. 2013. Alternative quieter technologies to seismic airguns for collecting geophysical data. In: von Nordheim, H., Maschner, K., and Wollny-Goerke, K. (Eds.) Proceedings of the 3rd International Conference on Progress in Marine Conservation in Europe 2012. BfN-Skripten 339: 127-134.

<http://www.bfn.de/0502_skripten.html>

Weilgart, L.S. 2014. Are we mitigating underwater noise-producing activities adequately?: a comparison of Level A and Level B cetacean takes. International Whaling Commission Scientific Committee document SC/65b/E07, 18 pp.

Simmonds, M.P., Dolman, S.J., Jasny, M., Parsons, E.C.M., Weilgart, L., Wright, A.J. and Leaper, R. 2014. Marine noise pollution – increasing recognition but need for more practical action. J. Ocean Technol. 9 (1): 70-90.

Southall, B.L., Scholik-Schlomer, A., Hatch, L., Bergmann, T., Jasny, M., Metcalf, K., Weilgart, L., Wright, A.J. 2014. Underwater noise from large commercial ships - international collaboration for noise reduction. Chapter in Encyclopedia of Marine Engineering.

Advocacy efforts at governmental and intergovernmental bodies:

Testimony at National Marine Fisheries Service public hearing on ATOC (Acoustic Thermometry of Ocean Climate), Washington, DC, March 22, 1994.

Testimony at National Marine Fisheries Service public hearing on ATOC (Acoustic Thermometry of Ocean Climate), Santa Cruz, California, May 16, 1994.

Lobbied members of the European Parliament about ocean noise and high-intensity sonars, European Parliament, Strassbourg, June 2002

Lobbied members of the European Parliament about ocean noise and high-intensity sonars, European Parliament, Brussels, June 2003

Lobbied members of the European Parliament about ocean noise and high-intensity sonars, European Parliament, Brussels, October 2003

Environmental groups, members and functionaries of the European Parliament, and independent scientists (myself included) met with Dr. Jamie Shea, Deputy Secretary General in charge of Public Relations, and Dr. Michael Carron, Senior Principal Scientist in Anti-Submarine Warfare and in charge of Marine Mammal Risk Mitigation, both of NATO, to discuss high-intensity sonars and present petitions to NATO opposing ocean noise, NATO, Brussels, October 2003

Gave lecture at reception held on undersea noise and its effects on marine organisms, lobbied governments about undersea noise, United Nations, UNICPOLOS (United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea), June 6-8, 2005

Gave public comments at California Coastal Commission hearing, Los Angeles, Nov. 2005

Met with members of the European Commission DG Fisheries to discuss ocean noise, Brussels, Feb. 6, 2006

Attended meeting between NGOs and European Commission DG Fisheries, Brussels, May 12, 2006

Gave lecture at side event held on undersea noise and its effects on marine organisms, lobbied governments about undersea noise, United Nations, UNICPOLOS (United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea), June 12-14, 2006

Gave lecture at side event held on undersea noise and its effects on marine organisms, United Nations, UNICPOLOS (United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea), June 18-19, 2009

Prepared lecture for side event held on undersea noise and its effects on marine biodiversity, attended and lobbied successfully for the introduction of the ocean noise issue into the agenda, Convention on Biodiversity (CBD), SBSTTA (Subsidiary Body on Scientific, Technical and Technological Advice) 14, Nairobi, Kenya, May 10-14, 2010.

Gave lecture at side event held on undersea noise and its effects on marine biodiversity, Convention on Biodiversity (CBD), SBSTTA (Subsidiary Body on Scientific, Technical and Technological Advice) 16, Montreal, Canada, April 30-May 5, 2012.

Gave lecture at side event held on protecting Cuvier’s beaked whales from underwater noise, Fifth Meeting of the Parties, ACCOBAMS, Tangier, Morocco, 5-8 November, 2013.

Special Skills:

SCUBA, certified 1980

Advanced Lifesaving, certified 1982

Water Safety Instruction, certified 1982

Translation (bilingual, English/German)