

KRISTIN LIISA LAIDRE
<http://staff.washington.edu/klaidre>

Education

- Ph.D. 2003. School of Aquatic and Fishery Sciences, University of Washington, Seattle, Washington. Dissertation title: *Space-use patterns of narwhals (*Monodon monoceros*) in the high Arctic.*
- B.S. 1999. Department of Zoology, University of Washington, Seattle, Washington.

Professional Experience

- Oceanographer Grade 4, Polar Science Center, Applied Physics Laboratory, University of Washington, October 2006-present.
- Greenland Institute of Natural Resources, Nuuk, Greenland, contract and consultant work, 2001-present
- US National Science Foundation International Research Post-Doctoral Fellowship (IRFP), Greenland Institute of Natural Resources/Danish Polar Center, Copenhagen, Denmark, 2004-2006.
- Affiliate Faculty, School of Oceanography, College of Ocean and Fishery Sciences, University of Washington, 2004-2006.
- Research Assistant, University of Washington, School of Aquatic and Fishery Sciences, Seattle, Washington, 2000-2003.
- Contract Research Biologist, National Marine Mammal Laboratory, Alaska Fisheries Science Center, Seattle, Washington, 1996-2000.

Current Support as of 2009

2008-2010 National Ocean Partnership Program (NOPP) Grant title: *Climate Change and Baleen Whale Trophic Cascades in West Greenland* (50/50 funded by NSF OPP and ONR) (\$998,738)

2008-2009 NASA ROSES grant. Grant title: *The Fractured Arctic Sea Ice Landscape and the Movements of Belugas and Narwhals* (\$298,448)

Past Support (1998-2008)

2007-2009 Vetlessen Foundation donation (\$70,000)

2006-2008 Applied Physics Laboratory Scholarship, University of Washington (\$60,000)

2006-2007 NOAA Ocean Exploration Program, PI Laidre. 12 months. Grant title: "*Winter oceanographic exploration of an offshore Arctic ecosystem - assisted by narwhals*" OE-2006-047 (\$178,950)

2007 Greenland Institute of Natural Resources, Nuuk, Greenland, Research Contract (\$30,000)

2006 Greenland Institute of Natural Resources, Nuuk, Greenland, Research Contract (\$30,000)

2004-2006 US National Science Foundation. PI Laidre, 22 months full-time salary support. Grant title: "Arctic cetacean phenology, biogeography, and impacts of climate change" # 0401077 (\$115,900)

2005 University of California Santa Cruz, Institute of Marine Science contract (\$23,000)

2004 Greenland Institute of Natural Resources, Nuuk, Greenland, Research Contract (\$9000)

2004 Department of Fisheries and Oceans, Canada, Research Contract (\$7500)

2003 Washington State Department of Fish and Wildlife, Research Contract (\$13,000)
2002 University of Washington, School of Aquatic and Fishery Sciences Research Assistantship
2002 Department of Fisheries and Oceans, Canada, Research Contract (\$3000)
2001 University of Washington, School of Aquatic and Fishery Sciences Research Assistantship
2001 North Atlantic Marine Mammal Commission, Tromsø, Norway, Research Contract (\$3500)
2001 North Slope Borough, Barrow, Alaska, Research Contract (\$3000)
2000 NOAA, Olympic Coast National Marine Sanctuary, Research Contract (\$4500)
2000 Greenland Institute of Natural Resources, Nuuk, Greenland, Research Contract (\$2000)
2000 University of Washington, School of Aquatic and Fishery Sciences Research Assistantship
1999 NOAA, National Marine Mammal Laboratory, Research Contract (\$26,000)
1998 NOAA, National Marine Mammal Laboratory, Research Contract (\$25,000)
1998 NOAA, National Marine Mammal Laboratory, Research Contract (\$5000)

Awards

2008 Science and Engineering Achievement Award, Applied Physics Laboratory, U of Washington
2005 Best spoken presentation, Gordon Polar Marine Science Conference, Ventura, California
2004 Doctoral Faculty Merit Award, University of Washington, School of Aquatic and Fishery Sciences
2004 Gilbert B. Pauley Award, WA Cooperative Fish and Wildlife Research Unit, University of Washington
2003 Stu Innes Memorial Travel Award, Society of Marine Mammalogy
1999 Mary Gates Undergraduate Research Training Grant, University of Washington

Professional Activities

- Invited speaker, Northwest Fisheries Science Center, NOAA, January 2009
- Invited speaker, University of Washington, College of Ocean and Fishery Science Seminar Series March 2008
- Member, NASA Biodiversity and Ecological Forecasting Team, 2008-present
- Reviewer, US National Science Foundation and numerous ecological journals
- Delegate, Greenland, International Whaling Commission Meeting, Santiago, Chile, June 2008
- Delegate, Greenland, International Whaling Commission Meeting, Anchorage, Alaska, June 2007
- Invited participant, IUCN Species Survival Commission, Global Mammal Review, Cetacean Assessment, San Diego California, January 2007
- Invited speaker, 2006 Young Investigators Seminar Series, U of Washington, October 2006
- Invited speaker, University of Århus, Denmark, March 2006
- Invited speaker, University of Washington, Department of Oceanography, January 2006
- Invited speaker, US Office of Naval Research (ONR), Washington DC, January 2006
- Invited speaker, US National Science Foundation (NSF), Washington DC January 2006
- Invited speaker, Gordon Polar Science Research conference, Ventura, California, March 2005
- Invited speaker, University of Copenhagen, Denmark, Department of Zoology, February 2005
- Invited speaker, Alaska SeaLife Center, Seward, Alaska, October 2004
- Invited speaker, UC Santa Cruz, Department of Ecology and Evolutionary Biology,

- February 2004
- Invited speaker, Washington Department of Fish and Wildlife, Olympia, Washington, December 2002
 - Invited speaker, American Cetacean Society, Puget Sound Chapter, October 2002 and June 2004
 - Invited speaker, Greenland Institute of Natural Resources, Nuuk, Greenland, May 2002

Professional Societies

- Member of IUCN Species Survival Commission (SSC) Cetacean Specialist Group (CSG), 2006-present
- Member of North Atlantic Marine Mammal Commission (NAMMCO) Beluga and Narwhal scientific working group, 2001-present
- Member of the Society for Marine Mammalogy
- Member of Washington State Sea Otter Recovery Team, 2002-2004

Field Experience

- 2001-present, Bowhead whale satellite tagging and trophic ecology, Disko Bay, West Greenland,
- 2000-present, Narwhal satellite tagging and TDR deployment, Canadian Arctic and West Greenland. (Field camp leader in Qaanaaq, North Greenland: 2005 to present).
- 2004, Sea otter aerial survey and ground counts, outer coast of Washington
- 2002, 2008-present Humpback whale satellite tagging, Nuuk, Greenland
- 2008 Leader of aerial survey team for narwhal and walrus, West Greenland
- 2000 Beluga whale satellite tagging, and TDR deployment, Cook Inlet, Alaska,
- 1999 Ice seal aerial survey, observer, computer operator and videographer, Chukchi and Beaufort Seas
- 1997 Puget Sound, Washington, California sea lion and harbor seal tagging, branding, and necropsies

Teaching and Outreach Experience

- 2007 NOAA Ocean Explorer Teacher's Professional Development Workshop invited speaker, May
- 2006 NOAA Ocean Explorer OceanAGE Education program participant
- 2003-2004 NOAA Science camp hands-on workshops on marine mammal telemetry and food habits
- 2000-2001 American Association of University Women's 'Expanding Your Horizons' for high school girls. "Marine Mammal Biology as a career" workshop
- 1997-1998 Teaching Assistant, University of Washington, Inorganic Chemistry

Languages and citizenship

Proficient in Danish, French
Beginning Greenlandic
United States citizen