
CURRICULUM VITAE

Marthe Larsen Haarr

Personal information:

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Overview:

I am a marine biologist with primary involvements in invertebrate reproductive biology, fisheries ecology and management. I have extensive experience in field work, primarily onboard fishing vessels and in the intertidal zone; as well as laboratory work ranging from mesocosm experiments to biochemical analyses. A large portion of work to date has been done in collaboration with fishing industry and government scientists across eastern Canada. I have broad skills in networking, report writing, and presentation of data across interest groups. I also have experience as project leader of large-scale data collection and field sampling. I have key strengths in study design and data quality assessment, have had broad involvement in public outreach and educational activities for children, youth and industry groups, and experience with undergraduate and graduate student supervision.

Education and training:

2005-2009 – BSc in Marine Biology, University of New Brunswick, Saint John, NB, Canada

2009-2011 – MSc in Biology, University of New Brunswick, Saint John, NB, Canada

2011-present – PhD in Biology, University of New Brunswick, Saint John, NB, Canada

2014 - Training Course: Application of geostatistics to analyse spatially explicit survey data in an ecosystem approach, International Council for the Exploration of the Sea, Fontainebleau, France

2014 – Plain Language Science Communication Workshop, Department of Fisheries and Oceans Canada, Moncton, NB, Canada

Employment and experience:

2005-2012 – Public Outreach and Animal Enrichment Coordinator (volunteer position), Cherry Brook Zoo, Saint John, NB, Canada

2006-2008 – Research Assistant, University of New Brunswick, Saint John, NB, Canada

2006-2015 – Teacher Assistant, University of New Brunswick, Saint John, NB, Canada

2007, 2008 – Research Assistant, Dorset Environmental Science Centre, Dorset, ON, Canada

2013 – Data Analyst and Consultant, Fish Food and Allied Workers, St. John's, NL, Canada

2012-2014 – Member of the Board of Directors and member of the Scientific Committee, Fishermen and Scientists Research Society, Dartmouth, NS, Canada

Research Publications:

Haarr, M.L., Charlton, L.D., Terhune, J.M. and Trippel, E.A. 2009. Harbour porpoise (*Phocoena phocoena*) presence patterns at an aquaculture cage site in the Bay of Fundy, Canada. *Aquatic Mammals* 35(2): 203-311.

Haarr, M.L. and Rochette, R. 2012. The effect of geographic origin on interactions between adult invasive green crabs *Carcinus maenas* and juvenile American lobsters *Homarus americanus* in Atlantic Canada. *Journal of Experimental Marine Biology and Ecology* 422-423: 88-100.

Miller, E.H., Haarr, M.L. and Rochette, R. 2016. Using temperature-dependent embryonic growth models to predict time of hatch of American lobster, *Homarus americanus*, in nature. *Canadian Journal of Fisheries and Aquatic Sciences* (in press).