

CV Jóhannis Danielsen

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Profession Biologist, Ph.D.

Current position Assistant

Education

1990	High-School from Felagsskúlanum á Oyrabakka.
1992	Støðisútbúgving Innan Tøkni (S.I.T.) at The School of Technology in Tórshavn.
1993	Studied the first part of "Dyreassistent" (animal park-assistant) at The School of Technology in Kolding, Denmark.
1996	HF (Collage) from HF- og studentaskúlin í Hoydølum in Tórshavn, Faroe Islands.
2000	B. Sc. From the Faroese University, Faroe Islands on the thesis: Distribution in space and time of the Coleoptera Beetles on the Faroe Islands.
2001	M. Sc. From Lunds University, Sweden on the thesis: Reproductive performance in a population of individually marked Oystercatchers (<i>Haematopus Ostralegus</i>) on the Faroe Islands.
2009	Licentiate from Lunds University, Sweden titled: Peeps into the life of Faroese Northern Fulmars <i>Fulmarus glacialis</i> : dietary habits and annual cycle of nest-site attendance as revealed by video surveillance.
2011	PhD, Lunds University, Sweden titled: Nest-site attendance and foraging ecology of the Northern Fulmar (<i>Fulmarus glacialis</i>) on the Faroe Islands. Sub-title: Is the Northern Fulmar a useful indicator of ecosystem productivity and pollution?

Language capacity

Faroese	Mother tongue
Danish	Fluent
Swedish	Fluent
English	Good

Work, teaching and other relevant experiences

- Defended my PhD 7 October, 2011 at Lunds University, Sweden titled: Nest-site attendance and foraging ecology of the Northern Fulmar (*Fulmarus glacialis*) on the Faroe Islands. Sub-title: Is the Northern Fulmar a useful indicator of ecosystem productivity and pollution? Supervisors: Professor Sven-Axel Bengtsson and Professor Dorete Bloch. Opponent was Dr. Stefan Garthe, Research and Technology Centre West coast, University of Kiel, Germany. Committee members: Professor Almut Kelber, Lunds University, Department of Biology, Sweden: Professor Göran Högstedt, University of Bergen, Department of Biology, Bergen: Professor Fredrik Schlyter, Swedish University of Agricultural Sciences, Department of Plant Protection Biology, Alnarp.
- Was field and lab. assistant for Dr. Dánjal Petur Højgaard during his Post-Doc research in 2011, about parasites in fish (Saithe) inside and outside Salmon fish farms on the Faroe Islands.
- Was interviewed the 23 June, 2011 by the National Television (Kringvarpið) for the 19:00 news, about the findings of my PhD-project and how it could be used by laymen and scientists.
- Involved in a rat extermination project on the Faroe Islands from 2010 to present. As part of the project Dr.

James Russell, specialist on invasive species on islands, demonstrated various techniques on the island of Nólsoy, to find out if rats were present. This was presented in the 19:00 news on the National Television (Kringvarpið) on June 16, 2011.

- Project supervisor in Ecology: "Inter-Specific Competition and Niche Separation among birds in Höör", by Jonas Olsson and Nicholas Haluska. Lund University, Ecology Department, Spring 2011.
- Field supervisor and Seminar tuition in Terrestrial ecology, EXTA01 at Lund University, Ecology Department, Spring 2011.
- Field supervisor in Ecology, BIOC02 at Lund University, Ecology Department, Spring 2011.
- Field supervisor and Seminar tuition in Ecology, BIOC02 at Lund University, Ecology Department, Autumn 2010.
- Was elected chairman for the Faroese biologist union (Lívfrøðingafelagið), 2010-2011.
- Was on a SNS (Save the North Sea)-Workshop in Holland in April, 2010.
- Field supervisor and Seminar tuition in Ecology, BIOC02 at Lund University, Ecology Department, Autumn 2009.
- Presented and defended my Licentiate: "Peeps into the life of Faroese Northern Fulmars *Fulmarus glacialis*: dietary habits and annual cycle of nest-site attendance as revealed by video surveillance" at Lund University, Ecology Department, 29 May 2009.
- Was field and lab. assistant regarding the evolution and population ecology of Damsel flies for Erik Svensson's Research Laboratory, Lund University, Ecology Department, Spring and Summer, 2009. <http://svenssonresearchlaboratory.blogspot.com>
- Field supervisor and Seminar tuition in Terrestrial ecology, TEK010 at Lund University, Ecology Department, Spring 2009.
- Field supervisor, Seminar tuition and Project supervisor in Ecology, BIOC02 at Lund University, Ecology Department, Spring 2009.
- Had a presentation 20 January, 2009 at Lund University about "Foraging strategies in seabirds during the breeding season" based on my introductory paper as a part of my PhD.
- Was a reviewer for Polar Biology in 2009 regarding an article about the Northern Fulmar (*Fulmarus glacialis*).
- Was at the IV Avian Malaria Workshop in Badajoz, Spain, 24-27 November 2008.
- Took care of the bats used for experiments in the wind tunnel at the Ecology Building, Lund University, in spring 2008.
- Nordic workshop about the status of the seabirds in the West-Nordic areas. Torshavn, Faroe Islands, 26-29 September 2007
- Was on a SNS (Save the North Sea)-Workshop in Holland 15 to 19 March 2007, where I had a presentation about my PhD-work with the Northern Fulmar (*Fulmarus glacialis*). The presentation was about tracking with GPS-loggers, video recordings at the breeding sites, dietary study and morphology study.
- Had a presentation about my PhD- project for the Faroese Biologists Union (Lívfrøðingafelagið) in February, 2007.
- Was the main founder of the first Faroese biologist union (Lívfrøðingafelagið), where I also had the chair the first year 2007-2008.
- Was a board-member in the Faroese Academic Union (Fróskaparfelagið) from 2005-2007.
- Was on the 9th International Seabird Group Conference, Aberdeen, September 1-3, 2006.
- Was on the 24th International Ornithological Congress 2006, Hamburg, August 13-19, 2006.
- Gave an interview to the Faroese radio about my work with the Fulmar, May 2006.
- Had a presentation in Bohuslans museum, Uddevalla, Sweden, 19 March 2006, about my work on the Oystercatcher (2001) and the Fulmar (PhD-study).
- Had a presentation in a public school in Tórshavn, Faroe Islands, about plastic pollution at sea and the effects it has on marine mammals and birds. 2006.
- Had a presentation at the Faroese Academic Union (Fróskaparfelagnum), 2 December 2005, about my PhD-study and about the Fulmars nesting ecology and diet.
- Was interviewed by the Faroese television about plastics in Fulmar stomachs, 1 December 2005.
- Had a presentation about the diet and breeding ecology of the Northern Fulmar (*Fulmarus glacialis*) on the Faroes at the SNS (Save the North Sea)-Workshop in Holland 29 Sept. to 5 Oct.2005, and attended the workshop.

- Had a presentation about the diet of the Northern Fulmar (*Fulmarus glacialis*) on the Faroes, at the Faroese Museum of Natural History, 8 October 2004.
- Gave a presentation about the Save the North Sea-Workshop 2004, regarding plastics in Fulmar stomachs, at the Faroese Museum of Natural History, 8 October 2004.
- Had a poster about the diet of the Northern Fulmar (*Fulmarus glacialis*) on the Faroes at the International Congress “Birds of the Atlantic” on Madeira 29 October to 1 November 2004.
- Had a presentation about the diet of the Northern Fulmar (*Fulmarus glacialis*) on the Faroes at the SNS (Save the North Sea)-Workshop in Holland 17-22 September 2004, and attended the workshop.
- Helped The Faroese Museum of Natural History with the satellite tagging of 7 pilot whales in Sandavági 25-08-2004.
- 8th International Seabird Group Conference, in Aberdeen 2-4 April 2004. North Atlantic Seabird Populations.
- CBird X conference in Torshavn, Faroe Islands. February 25 - 28, 2004. Conservation of Arctic Flora and Fauna. CIRCUMPOLAR SEABIRD GROUP.
- Attended the Tricolor-symposium in Holland 25 October 2003, about oil pollution from the Tricolor and similar accidents.
- Attended the SNS (Save the North Sea)-Workshop in Holland 26-29 October 2003.
- Worked in the Environmental department at the Faroese Food- Veterinary and Environmental Agency from March 2002 to August 2003. Mostly on Coastal Resources and Prioritisation Maps where I made GIS maps of the sensitivity of the Faroese coastline regarding a potential oil pollution and mapped the various sea-bottom types around the Faroe Islands. I also worked on various projects regarding the effect of “old” known pollutants but also the effect of “newer” pollutants.
- Had presentations on the 14 March and 20 June 2003, about the project “Coastal Sensitivity Mapping” on the Faroe Islands.
- Was at a NORLINK-workshop held in the Faroese Fishery Laboratory 3-7 juni 2003.
- Attended the “Biofar-symposium” held on the Faroe Islands 24-26 Juni 2003.
- Participated in the 2003 ELOISE conference in Poland in 2003.
- Participated in a workshop on ecosystem modeling of Faroese waters. The workshop was held in the Faroese Fishery Laboratory 24-27 september 2002.
- Was on Iceland on a “Marine habitats”-workshop 12-16 September 2002.
- Participated in the 2001 International Council for the Exploration of the Sea (ICES) conference in Oslo in 2001.
- Took part in the North Atlantic Surface Survey from June 27 – July 25, 2001 (NASS-2001).
- Had a presentation in the public school in Kollafjørður, Faroe Islands, about the Oystercatcher and my thesis. 2001.
- Gave an interview to the radio station “Rás 2” about my thesis: Reproductive performance in a population of individually marked Oystercatchers (*Haematopus Ostralegus*) on the Faroe Islands.
- Gave an interview to “Dimmalætting” one of the largest newspapers on the Faroes about my thesis.
- Worked with Professor Dorete Block as a field assistant in ecology for the Faroese University, in 2000.
- Worked for the Faroese museum of Natural history in 2000, on starting a long-term project about the vegetation on the Faroe Islands and the impact of grazing by sheep on the vegetation.
- Worked as custodian in the Faroese museum of Natural history in 1999.
- Worked with biologist Siggú Rasmusen as a laboratory assistant in plant physiology for the Faroese University, 1999.
- Been on an expedition with the Faroese research vessel “Magnus Heinason” in 1998.
- Had a public presentation about spectrophotometry in the Faroese University in 1998.

Scientific publications

- Desportes, G., Mikkelsen, B., Bloch, D., Danielsen, J., Hansen, J. and Mouritsen, R. 2002.* Survey report from the Faroese shipboard survey of NASS-2001. North Atlantic Marine Mammal Commission SC/10/AE/15: 1-14.
- Danielsen, J. and Jensen, J-K. 2003.* Recoveries of Gannets (*Morus bassanus*) ringed on the Faroe Islands. Fróðskaparrit 51: 264-269.
- Presentation at symposia Dioxin 2005: PCDFs, PCDDs, Non-Ortho PCBs, and Mono-Ortho PCBs in Northern Fulmars from Faroe Islands

Ingrid Ericson, Jessika Hagberg, Maria Dam, Bert van Bavel, Jens-Kjeld Jensen and Jóhannis Danielsen. Højgaard, D. P., Danielsen, J. and Purkhús, K. 2005. Umhvørviskanningar av kombikki í Føroyum. Frøði 2/2005. Føroya Fróskaparfelag. Tórshavn (Environmental study of the Three-spined sticlebacks on the Faroe Islands).

Danielsen, J. 2005. Havið kring Føroyar tað reinasta í heiminum? Frøði 2/2005. Føroya Fróskaparfelag. Tórshavn (A study about the plastic pollution of the seas around the Faroe Islands using stomach analyses from Fulmars).

Danielsen, J. and Bengtsson, S-A. 2009. Year-round video surveillance of individual nest-site attendance of Northern Fulmars (*Fulmarus glacialis*) in the Faroe Islands. Fróðskapur. Faroe University Press. Fróskaparrit. 57: 89-109.

Danielsen, J., van Franeker, J. A., Olsen, B. and Bengtson, S.-A. 2010. Preponderance of mesopelagic fish in the diet of the northern fulmar (*Fulmarus glacialis*) around the Faroe Islands. Seabird. 23: 66-75.

van Franeker, J. A., Blaize, C., Danielsen, J., Fairclough, K., Gollan, J., Guse, N., Hansen, P-L., Heubeck, M., Jensen, J-K., Guillou, G., Olsen, B., Olsen, K-O., Pedersen, J., Stienen, E.W.M., Turner, D.M.

2011. Plastic ingestion by Northern Fulmar as a tool to monitor marine litter in and around the North Sea. Environmental Pollution 159: 2609-2615.

Danielsen, J. 2011. Diurnal activity patterns suggest that Faroese Northern Fulmar (*Fulmarus glacialis*) are night-feeders. Fróðskapur. Faroe University Press. Fróskaparrit. 59: 113-120. In print.

In prep.

Danielsen, J. Højgaard, D. P., Steingrund, P. and Hátún, H. 2011. Nest-site attendance of Northern Fulmars (*Fulmarus glacialis*) on the Faroe Islands regulated by wind and proximity of food. Submitted.

Posters

Three-Spined stickle-backs, *Gasterosteus aculeatus* L. from the Faroe Islands. Højgaard, D. P. and Danielsen, J. The Fourth International Conference on Stickleback Behaviour and Evolution Tjarnø Marine Biological Station, Strømstad, Sweeden. July 31 – August 4, 2003.

Danielsen, J. The diet of the Northern Fulmar (*Fulmarus glacialis*) on the Faroe Islands. International Congress "Birds of the Atlantic" on Madeira 29 October to 1 November 2004.

PCDFs, PCDDs, Non-Ortho PCBs, and Mono-Ortho PCBs in Northern Fulmars from Faroe Islands. Ingrid Ericson, Jessika Hagberg, Maria Dam, Bert van Bavel, Jens-Kjeld Jensen and Jóhannis Danielsen.

Participation in "popular" scientific work

- Made a mercury-review at the Faroese Food- and Environmental Agency.
- Mikkelsen, B., Hoydal, K., Dam, M. og Danielsen, J. 2002. "Føroya umhvørvi í tølum 2001" Heilsufrøðiliga Starvstovan, rapport nr. 2002:1, pp 130. (Statistics for the Faroese Environment in 2001)
- Notat um kyksilvurinnihaldi í sedimenti rundanum brunnarnar; Marjun 6004/16-1 og Svínoy 6004/12-1. (The mercury content in the sediment around the wells; Marjun 6004/16-1 and Svínoy 6004/12-1.)
- Marine habitats: GIS-presentation of available material about the bottom types around the Faroes.
- Dam, M. og Danielsen, J. Havnarvág 2002 – ein kanning av dálkingarstøðuni á Havnarvág og Yviri við strond á sumri 2002. (Havnarvág 2002 – an investigation about the pollution on "Havnarvág" and "Yviri við Strond during the summer of 2002".)
- Dam, M. og Danielsen, J. 2003. The Faroe Islands Coastal Resources and Prioritisation Maps. (GIS mapping of the sensitivity of the Faroese coastline regarding a potential oil pollution)
- Dam, M., Danielsen, J. og Jensen, J-K. 2003. Sampling of tissues from Fulmars -*Fulmarus glacialis*- in the Faroe Islands for biomarker and pollutants analyses. Field report, HS mál nr. 200300134-7, 27-5-03, MD.
- Danielsen, J. 2005. Mallemukken, Færøernes havhest. Atlantic Review 2005.

Received Funds

Date	From	Usage	Amount
28 October 2003	Amerada Hess	VIP Salary (PhD)	500.000,00 DKR
01 June 2004	Føroya Sparikassa	Compass Logger equipment	30.000,00 DKR
September 2004	Shell/BP Amoco Exploration Ltd.	Seabird Conference on Madeira	5.000,00 DKR
February 2005	Føroya Sparikassa	Introductory course for PhD-students in Lund, Sweden	20.000,00 DKR

2005	Atlanticon	VIP Salary (PhD)	149.665,00 DKR
May 2005	Amerada Hess	Equipment and VIP Salary (PhD)	370.000,00 DKR
2005	Kungl. Fysiografiska Selskabet	GIS-loggers	60.000,00 SEK
2006 - 2008	Lunds Universitet	Stipend for 2 years salary	
2008	Føroya Sparikassa	Living costs while writing the thesis	17.000 DKR
2009	Chevron	Living costs while writing the thesis	30.000 DKR

Other

Have a driver license for cars (B), tractors and trucks. Have a PADI diving certificate and have participated in a couple of first-aid courses and fire drills.