

Ellika Faust

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Career objective

Use genetic/genomic applications to further the understanding of evolutionary and ecological processes in populations and speciation, and in turn apply these to conservation of biodiversity.

Education

Master of Science with a major in Biology (*University of Gothenburg*) *June 2017*

Focus: Conservation, Genomics, Evolution and Bioinformatics in Marine populations.

Bachelor of Science with a major in Biology (*University of Gothenburg*) *June 2015*

Focus: Basic Biology, Ecology and Conservation in Aquatic environments.

College (*Karlbergsgymnasiet, Åmål*) - Science with focus on environmental policies *June 2009*

Additional courses:

An introduction to bioinformatic tools for metagenetic and population genomic data analysis
(2.5 ECTS, *University of Gothenburg*) *November 2016*

Laboratory Animal Science for Researchers – Fish. (*University of Gothenburg*) *June 2016*

Swedish Legislation, Ethics and Animal Use (*University of Gothenburg*) *April 2016*

Experience in Research

University of Gothenburg, Department of Marine Sciences, Tjärnö

Assistant researcher *May 2017 - Present*

Master degree project in marine ecology (60hp) *June 2017*

Population genomic study utilising 2bRAD-seq to assess population structure of Corkwing wrasse in Skagerrak/Kattegat.

Assistant researcher *July – September 2015*

Bachelor degree project in biology (30hp) *June 2015*

Population genetic study employing microsatellites to assess the origin of the Pacific oyster in Sweden and Norway.

Additional Work Experience

Strömma Turism & Sjöfart AB, Gothenburg *May-October 2013 & 2014*

Tour guide. Public speaking on boat tours in Swedish, English and German.

Media-Fyndet, Gothenburg *September-March 2012*

Retail assistant.

Archelon - The sea turtle protection society of Greece, Crete *May-September 2011 & 2012*

Field Leader. Collecting and organizing scientific data. Informing members of the public about the issues concerning the endangered loggerhead sea turtles in Greece.

Other qualifications

B-Driving Licence

Languages: Fluent in Swedish, English and German.

Computer Skills: Windows, Mac, UNIX, MS office, R, and a range of genetics software (genepop, structure, genetix, geneClass, etc.)

Publications and Awards

Faust, E., André, C., Meurling, S., Kochmann, J., Christiansen, H., Jensen, L.F., Charrier, G., Laugen, A.T. and Strand, Å., 2017. Origin and route of establishment of the invasive Pacific oyster *Crassostrea gigas* in Scandinavia. *Marine Ecology Progress Series*, 575, pp.95-105.

I received the 2016 Dyrssen award for the best bachelor science theses in the marine field, awarded by the Swedish Society for Marine Sciences (SHF).

References

Prof Carl André

Master Degree Project Supervisor & employer

Professor at University of Gothenburg, Department of Marine Sciences. carl.andre@gu.se

Dr Åsa Strand

Bachelor Degree Project Supervisor & employer

Researcher at University of Gothenburg, Department of Marine Sciences. asa.strand@gu.se