

KATJA MEHRWALD

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Academic Credentials /Educational Background

- 2019
until today M. Sc. Integrative Zoology, University of Rostock
- 2016 B. Sc. Biology, University of Rostock
Bachelor thesis “Effect of ZnO nanoparticles on the metal homeostasis in mussels”
- biochemical measurement of zinc and methallothionin concentration in mussel tissue
 - spectrophotometer measurements
 - introduction into statistical analysis
- 2015 University-entrance examination; Abitur (A-level), Geschwister-Scholl-Gymnasium Unna

Work experience

- 2022
until today ***Research assistant at the oceanographic museum (Stralsund)***
- assisting in the working group of PAL (porpoise alert) - project
- 2016 - 2022
until today ***Marine Science Center (MSC) in Warnemünde (Germany)***
- conducted tours for visitors about the research experiments with seals, penguins and cephalopods
 - trained and supervised the new co-workers
 - worked in the gift store
- 2021
July/August ***Institute for Terrestrial and Aquatic Wildlife Research (ITAW) in Büsum (Germany)***
- supporting the project ‘Monitoring of Marine Mammals in the German North and Baltic Sea’
 - participating a distance sampling course
 - practicing R based data analysis
 - establishing scientific reports
 - joining monitoring flights
 - further insight into different work areas within marine mammal research (e.g. acoustics, microplastics, monitoring)
 - took part in necropsies of sea birds
- 2021
June/August ***Internship at the Thünen Institute of Baltic Sea Fisheries in Rostock (Germany)***
- supporting the project ‘PEARLNET_OP (Pearls made from Acrylic glass could reduce bycatch in gillNETs – Observation of Porpoises)’
 - gaining experience in observing and tracking small cetaceans, taking footage with a drone, handling gillnets and boats

- working with passive acoustic monitoring (soundtraps and C-PODS)

2019
two weeks

Internship at the Institute for Terrestrial and Aquatic Wildlife Research (ITAW) in Büsum (Germany)

- got an insight into different work areas within marine mammal research (e.g. bioacoustics, plastic pollution, diseases, monitoring)
- gained knowledge about the basic techniques of telemetry
- presentation of a work project

2015
nine months

Internship in the seal rehabilitation and research center SRRC in Pieterburen (Netherlands)

- aided nurses in feeding sick animals
- cared for sick seals
- supervised seal feeding and cleaning
- informed visitors about the work and animals at the center
- assisted with seal necropsies
- received insight into photoidentification of seals

2015
one month

Voluntary work at the farm "Zittrauerhof" (Austria)

- assisted with farm work with animals as well as crops
- aided in guest and children care

2013
two-week

Internship at the Biological Institute Helgoland of the Alfred-Wegener-Institute for polar and marine research (Germany)

- took care of marine animals at the aquarium
- examined the plastic pollution in the Baltic sea

2012
3 months

Voluntary social intership in the retirement home "Haus Husemann" in Unna

- entertained the elderly people

Practical experience:

Working at natural history museums course: ▪ Designing and constructing a showcase to present several animal phyla with a subsequent presentation

Fishery science course: ▪ One-week field trip in the Baltic Sea on the fishery research vessel "Solea" to collect and analyze data for an ongoing project

Research internship at the Marine Science Center: ▪ Studied the basics of animal training
 ▪ Performed small psychophysical experiments on seals
 ▪ Gained insight into ongoing research projects

Zoological course: ▪ Became familiarized with the morphological analysis of marine invertebrates
 ▪ Dissection of invertebrates and vertebrates to gain knowledge about their anatomy

- Ichthyology course:
 - Reconstructed cranial fish bones
 - Familiarized with the systematic structure
- Marine biology course:
 - Collected samples of marine invertebrates with a dredge
 - Familiarized with various systematic groups of marine invertebrates
 - Worked on a small project of byssus thread growth in mussels
- German Oceanographic:
 - Voluntarily joined necropsies of marine mammals
- Museum Foundation
(Stralsund, Germany)

Other Qualifications

- Language abilities:

German	-	native language
English	-	bilingual education (C1)
French	-	basic knowledge
Spanish	-	basic knowledge (A1)
- Computer skills: MS Office
Basics in Statistic
- Drone flying license: A1/A3 open SUB category (EU)
- Drivers license: Cars up to 3,5 tons (EU)
Motorboat up to 20m (International certificate for operators of pleasure craft)
Basic sailing license
- Diving license: Advanced open water