

Dr. Cathleen Schlundt, née Zindler

Curriculum Vitae

Personal information

Date of birth 06.03.1984.

Place of birth Magdeburg.

Nationality, german.

Family status married, 3 children.

Professional career and education

08/19 Postdoctoral work with Prof. Dr. Anja Engel GEOMAR Helmholtz Center for Ocean Research, Present Kiel, Germany.

Task: Combining CLASI-FISH with structure visualisation in marine gel particles and plastic debris

12/18 07/19 Parental leave

11/16 10/18 Postdoctoral work with Dr. Linda Amaral Zettler and Dr. Jessica Mark Welch

Awards

2015 Briese Award 2014 for outstanding PhD theses in marine science prize money - 5000.
(<https://idw-online.de/de/news629806>)

2014 Kompass Award 2014 for innovative, marine research prize money - 3000.
received for my PhD thesis

Grants

2019 2020 Onge-Lehmann-Fonds

Funding for re-entry after parental leave

2018 2019 DFG (Deutsche Forschungsgemeinschaft) Return Stipend

Funding for my reintegration into the German research community

2016 2018

2011-2013 Participation in the PhD Program of the Integrated School of Ocean Science (ISOS)

Participating in the workshops: Analysis of univariate data sets (training in the statistical computer program Biostatistics; MATLAB/Octave; scientific writing; network training; marine conservation workshop)

2011 Participation in the 5th International SOLAS Summer School

Theoretical and practical courses in "Ocean atmosphere interactions"

2008 Internship at the Institut de Ciències del Mar, CMIMA-CSIC, Barcelona Spain.

Learning purge and trap method to measure sulfur in water samples

Additional Activities

2019-present PostDoc Speaker of Research Department 2 at GEOMAR

Activity: contact person for PostDocs; support to modulate PACT 'PostDoc Academic Career Support'

2014-2016 Postdoc Representative of GEOMAR Woman's Executive Board (WEB)

Activity: Mediate interests of female Postdocs to the chair of WEB

Instrumentation and Computer skills

Instruments Gas chromatograph equipped with a flame photometer detector or a mass spectrometer to trace gases in the ocean

Flow cytometry

High Performance Liquid Chromatography (HPLC) to measure phytoplankton pigments

Confocal laser scanning microscopy (ImagJ)

2019 Lutz, Holly L., Ramírez-Puebla, S.T., Abbo, L., Durand, A., Schlundt, C., Gottel, N. R., Sjaarda, A. K., Hanlon, R. T., Gilbert, J. A., Mark Welch, J. L.

- 2017 C. Schlundt, Biogenic Trace Gases between the Surface Ocean and Atmosphere, Woods Hole Oceanographic Institution, Woods Hole, MA, USA.
invited talk
- 2015 C. Schlundt, Kurzlebige biogene Spurengase: zwischen Ozean und Atmosphäre, Bärese Award, Warnemünde, Germany.
invited talk
- 2014 C. Zindler, Marandino, C., Bange, H., Schütte, F., Saltzman, E. , Nutrient availability determines DMS and isoprene distribution in the eastern Atlantic Ocean, The 6th International Symposium on DMSP and related compounds, Barcelona, Spain.
- 2014 C. Zindler, Marandino, C., Schütte, F., Bange, H., Saltzman, E. , Nutrient availability determines dimethyl sul de and isoprene distribution in the eastern Atlantic Ocean, IAGU, Vienna, Austria.
- 2012 C. Zindler, Marandino, C., Bange, H.