

# Michael Gonsior

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## (a) Professional Preparation

<u>Institution</u>	<u>Major/Area</u>	<u>Degree/Date</u>
RWTH Aachen (GER)	Pure and Applied Chemistry	10/93 – 01/96
Jena University (GER)	Environmental Chemistry	M.Sc. (1999)
Dresden University (GER)	Environmental Engineering	M.Sc. (2004)
Otago University (NZ)	Aquatic Biogeochemistry	Ph.D (2008)

## (b) Appointments

<u>Employer</u>	<u>Position</u>	<u>Period</u>
Chesapeake Biological Lab./UMCES	Associate Professor	07/18 – present
Chesapeake Biological Lab./UMCES	Assistant Professor	04/12 – 07/18
Linköping University (S)	Post-Doc	03/11 – 03/12
East Africa Partnership (Kenya)	Volunteer	01/10 – 07/10
University of California, Irvine (USA)	Post-Doc	01/08 – 12/09
Chemistry Department, Otago U. (NZ)	Research Assistant	05/04 – 10/07
Soil Science Dep. Dresden U. (GER)	Research Assistant	01/01 – 12/03

## (c) Research Interests

- Detailed molecular characterization of natural dissolved organic matter (DOM)
- Detailed molecular characterization of effluent organic matter (EfOM)
- Discovery of new disinfection by-products (DBPs)
- Photochemical fate of DOM including pollutants
- Sulfurization of DOM in sediments
- Sources or Marine chromophoric DOM (CDOM)
- Plastic accumulation in the World's Oceans

## (d) Publications

60 peer-reviewed publications in diverse journals such as PNAS, Nature Communications, Analytical Chemistry, ES&T, Water Research, Marine Chemistry, Biogeosciences, Aquatic Sciences, Scientific Reports, Deep-Sea Research II, Estuarine, Coastal and Shelf Science, Frontiers in Marine Science, ISME and others.

## (e) Awards

Honorable mentioning to the Masao Horiba Award 2017.  
Excellence in Review Award 2018 from the ACS journal Environmental Science and Technology

Current funding agencies include: National Science Foundation (NSF), Swedish Research Council FORMAS, Personal Care Product Council (PCPC), and NOAA.