

FORMAL EDUCATION TRAINING

2019: Ph.D. Supervisor course; SDU, DK
2016-2017: Lecturer training program; SDU, DK
2016: Active learning and teaching using flipped learning; SDU, DK
2016: Interactive lecturing; SDU, DK
2017: Questioning: how it can support learning, teaching and assessment

ADMINISTRATIVE TASKS RELATED TO EDUCATION

2019 – now: coordination of FF501 (first-year research project) at the Dept. of Biology;
2018 – now: planning of courses BB537; FF503;
2018 – now: teaching committee (ad-hoc replacing Prof. Bo Thamdrup)

TEACHING EXPERIENCE

2019: EMBO European Ph.D. summer (invited lecture cultivation of electrophiles); Wageningen University, NL
2018 – now: BB540 Microbial ecology & biogeochemical cycles (lectures on extracellular electron transfer); (2 x 2h lectures; course ECTS 10); SDU, DK
2016 – now: BB537 Biology from molecules to ecosystems (20 x 1h lectures and preparation of 7 x 3h tutorial materials for biochemistry and evolution; ECTS 10); SDU, DK
2016 – now: BB536 Sustainable future (1h guest lecture on bioelectrochemical technologies for sustainability; ECTS 5); SDU, DK
2015: BB515 Biomonitoring pollution in freshwater systems (3 x 1h lectures toxic algae blooms; ECTS 5); SDU, DK
2006 – 2008: Biology of Prokaryotes (3 x 1h guest lectures on syntrophy); MPI Marine Microbiology, Bremen, DE

LAB INSTRUCTOR, LAB ASSISTANCE, TUTORING

2018 – now: BB540 Microbial ecology & biogeochemical cycles (2 x 6h labs extracellular electron transfer); SDU, DK
2015: BB515 Biomonitoring of pollution in freshwater systems (1 week as instructor for labs on the impact of toxic algae on food webs); SDU, DK
2014: BB523 Pharmaceutical toxicology (lab assistant HPLC identification of toxic compounds)
2007: Thermodynamics tutorials/Biology of the prokaryotes (tutoring MSc student in thermodynamics); MPI for Marine Microbiology, Bremen, DE
2005-2007: Biology of the prokaryotes (lab assistant); MPI for Marine Microbiology, Bremen, DE

DISTINCTIONS AND AWARDS

2006: Teaching Award; International Max Planck Research School for Marine Microbiology; Bremen, DE

EXAMINATION COMMITTEES

External referee at 6 Ph.D. defenses and 1 qualifying exam in DK and abroad.
External referee for 2 M.Sc. student exams;

SUPERVISION

As main supervisor:

3 Postdocs; 2 Ph.D. students; 13 B.Sc. students of which 4 BSc thesis students the rest as research independent study students; and 3 FF501 research project students.

As co-supervisor:

Day-to-day lab supervision of 3 visiting Ph.D. students and 3 M.Sc. students;