

Special M.Sc. & Ph.D course: An evolutionary angle to marine science but not your personal career path – Strategies for career development, round-table discussion what is needed for a career in the EU or US & net-working session with beer and pizza.

Experimental approaches to predict adaptive responses of biota to global change

Keywords: Experimental evolution, climate change, harmful algae blooms (HAB), career development

Thursday afternoon, 29th of September 2022

Otto Mønsted guest Prof. Hans Dam from University of Connecticut, USA is an outstanding expert on experimental evolution studies in marine organisms. He engaged in large scale, multigenerational experiments to understand how marine populations might change facing multiple stressors such as toxic algal blooms, and ocean warming and acidification. In this half day course, open to all interested students, post docs and younger researchers, Hans Dam will outline general concepts and approaches necessary to be able to predict adaptive (phenotypic plasticity and genetic adaptation) responses of marine life to global change pressures. This emerging research field will be presented and followed by a session on the importance of professional development to shape your career plan & ambitions, how to fund your research career, and a round-table discussion with career insights from researchers from the EU and US, followed by networking dinner with beer and pizza.

Guest: Otto Mønsted Professor Hans Dam, University of Connecticut, USA – DTU Aqua

Organizer: Cornelia Jaspers, Centre for Gelatinous Plankton Ecology & Evolution, DTU Aqua (coja@aqua.dtu.dk)

Sponsored by: Otto Mønsted's Fond & Villum Fonden



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Program: Thursday 29.9.2022

DTU Campus Building 202 or virtually – please sign up: coja@aqua.dtu.dk

zoom link: <https://dtudk.zoom.us/j/61392030086?pwd=NzFhbTZRdEYxeGdWRThZRWNocmEvUT09>

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| 14:30 – 15:30 | Adaptive responses of marine populations facing multiple stressors (Otto Mønsted Prof. Hans Dam, UConn) |
| 15:30 – 15:45 | Coffee |
| 15:45 – 16:30 | Career planning: How to optimize your career ‘individual career plans’ |
| 16:30 – 16:45 | What comes after the Ph.D.? Funding opportunities & tips ... (Cornelia Jaspers, DTU Aqua) |
| 16:45 – 17:30 | Round table discussion: Career insights ‘off the record’ Hans Dam, Uconn; Torkel G. Nielsen & Cornelia Jaspers, DTU Aqua |
| 17:30 – 18:30 | Socializing event with beer & pizza |

Free of charge, please sign up no later than 20.9.2022 sending a mail to coja@aqua.dtu.dk

