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DATE OF BIRTH February 23, 1972

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#### EDUCATION

2022 PhD supervision course, Department of Didactics, UCPH  
2016 Course in responsible conduct of research (RCR), SCIENCE, UCPH  
2013 Leadership Course UC, Summit Consulting, CPH, Denmark  
2009 Course in pedagogy (250 hours): Higher education didactic program for assistant professors (Adjunkt pædagogikum), UCPH  
2004 Ph.D. (Zoology), Natural History Museum, UCPH  
2000 Cand. Scient. Biology [B.Sc & M.Sc.] (Zoology), Natural History Museum, UCPH

#### SCIENTIFIC FOCUS AREAS

Evolutionary and developmental pathways to miniaturized metazoans and meiofauna. Evolution and development of metazoan nervous- and muscle systems. Phylogenomics, biogeography and systematics of Annelida and meiofauna. Morphological & molecular adaptations of marine invertebrates to extreme environments (e.g., anchialine caves, deep sea, Arctic, interstitial realm). Bioimaging techniques: EM, histology, immunohistochemistry, antibody development, multi-staining protocols, CLSM, TEM and 3D computational modeling. Molecular methods: total evidence phylogenetics, phylogenomics, comparative genomics, transcriptomics & gene expression studies (DGE, ISH, HCR).

#### POSITIONS

2022- Research affiliate, JAMSTEC, Japan  
2017- Research Associate, Smithsonian National Museum of Natural History, USA  
2011- Associate Professor, Marine Biological Section (MBS), Department of Biology (BIO), UCPH  
2009-2010 Associate Research Professor, MBS, BIO, UCPH. Tenure-track-like Freja fellowship, Faculty of Science; UCPH  
2007-2009 Assistant Research Professor, MBS, BIO, UCPH. Steno-fellowship & 'Young elite researcher award', Danish Independent Research Council  
2007 Extra job as monthly Columnist, Sunday Science section, Politiken (Danish major newspaper). 2005-2006 Post doc research fellow, Natural History Museum (SNM), UCPH (2 x ½year) & South Australian Museum & University of Adelaide, South Australia (1 year). Carlsberg Foundation

#### SELECTED COMMISSIONS OF TRUST

2014- Elected board member and Honoree treasurer, International Society for Invertebrate Morphology (ISIM)  
2020 Assessment committee, evaluating applicants for Associate Professor position (Head of Microscopy facility) at Dep. of Earth Science, Univ. Bergen, Norway, Oct.2019, 2014. Assessment committee of the Reinhard Rieger Award for best morphological publication (<https://www.uibk.ac.at/zoology/reinhard-rieger-award/>)  
2017 Assessment committee, evaluating of applicants for Associate Professor position (in Zoomorphology) at the Faculty of Biology, LMU Munich, Germany, Oct  
2013 Single opponent, PhD defense of Erika Norlinder, Göteborg University, SE. 2007-08 Appointed Member, Future panel, Ministry of Science, Technology & Innovation, DK  
2007 Single opponent, PhD defense of Erica Sjölin, Stockholm University, SE  
2002-07 Board Member, Danish Natural History Society, Denmark

#### EDITORIAL SERVICES

2017- Associate Editor, Journal: Invertebrate Systematics (CSIRO-publishing)  
2011-22 Associate Editor, Journal: Acta Zoologica (Wiley-Blackwell)  
2022- Editorial board, Journal: BMC Zoology (Springer)  
2020- Editorial Board, Journal: Diversity (MDPI)  
2020- Editorial Board, Journal: Zoologica Scripta (Wiley)  
2011- Editorial Board, Journal: Zoomorphology (Springer)

#### RESEARCH LEADERSHIP/MANAGEMENT

2022- Deputy head of department for teaching, Department of Biology, UCPH  
2012- Leading a research group of 7-10 people  
2022- Head of teaching committee, BIO, UCPH  
2016, 2022 Member of organizing committee for BIO conference, BIO, UCPH  
2021-2022 Work environment representative, BIO, UCPH  
2016-2020 Board member, Strategic Research Committee, BIO, UCPH  
2015-2019 Board member, Communication Committee, BIO, UCPH  
2012, 2021 Chair, 2 PhD evaluation committees, T Wollesen, TL Koch, Dep. Biology, UCPH, DK  
2010- Leading multiple larger field expeditions e.g., to Israel 2013/14, Greenland 2010 & 2013, Cuba 2014 & 2015, Japan 2018 & 2019, Turks & Caicos 2019, Maldives 2021 - each trip w/ 4-15 participants and complicated logistics (cave diving,

underwater sampling etc.)

#### MAIN CURRENT FUNDING

2023-25 PI, Villum Exp. research project "Unravelling the genome of one of the smallest and rarest animal phyla: Micrognathozoa"(Villum Foundation) (100% share)(268.000€)

2021-25 PI, Research project "How to reduce body size - a dwarf male's tale" (DFF- FNU)" (100% share) (387.000€)

2021-25 Co-PI, Research project, "Genomic Darwin ToL, Symbiosis Hub". Moore Foundation/Sanger Institute (Est. 10 % share: 60.000€)

2021-24 Co-PI, Research project, "Body size evolution in Priapulida" (DFG, German Research Foundation) (50% share)(220.000€)

2021-23 Co-PI/host, Villum Exp. research project "Tiny dragons answering big questions"(Villum Foundation) (100% share)(254.000€)

#### SUPERVISION AND TEACHING

Group leadership of currently 7 people: 2 Postdocs, 2 PhD students, 1 research assistant, 1 M.Sc. student, 1 lab technician (part time)

Previously supervised: 7 Postdocs, 7 Phd students, 29 MSc students, 18 BSc stud

Current teaching: Sensory Biology, Animal morphology, Marine Biology, Organisms & Diversity, Marine Field Biology.

Course coordinator & teacher: Marine Faunistics (MSc course, BIO, UCPH)

#### RECENT OUTREACH

Website [www1.bio.ku.dk/english/research/mbs/worsaae-lab/](http://www1.bio.ku.dk/english/research/mbs/worsaae-lab/)

ResearchGate Katrine Worsaae

Google scholar Katrine Worsaae

Twitter profile @kworsaae

2022 Science report podcast: The big question: Kan ledorme hjælpe os med at forstå os selv?

2021 2-hour interview podcast & YouTube-video (<https://www.youtube.com/watch?v=e4E76OPi4IQ>) on the evolution of brains, "Den dyriske time"

2021 New York times (<https://www.nytimes.com/2021/10/14/science/scale-worms-swimming.html>) & Videnskab.dk interview-articles on our paper, Allentoft-Larsen et al. 2021

2021 Podcast and article series (<https://www.zetland.dk/historie/seAA3VG4-a8dQKjjz-e711c>) on Deep sea life and mining, Zetland (Magazine)

2020 Invited talk on "the zombieworm, Osedax" at the Society of Danish Natural History

<https://www.youtube.com/watch?v=fQxioq8YHGk>

2020 Invited talk on Antarctic meiofauna at "Wine & Science night" Politiken/ Nat.Hist.Mus.DK

2019 Interview for the University post, UCPH. <https://uniavisen.dk/en/katrine-worsaaes-double-life-above-and-below-water/>

2018 Public talk at the Blue Planet, Danish Aquarium on "Dead whales and Osedax"

#### BIBLIOMETRICS (as of June, 2023)

108 peer-reviewed papers

16 books and book chapters

H-index: 28 in Google scholar

Citations: 2898 in Google scholar

Published papers as first author: 29 and as senior author:56