
PERSONAL INFORMATION

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Date of Birth: 12/06/83, French

Bilingual French/German, fluent English/Norwegian

Maternity leave: 03/2016 - 07/2017

FELASA C (2007, updated in 2024)

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[UiT researcher profile](#)

[Research Gate profile](#)

<https://jasmineteaching.wordpress.com>



CURRENT POSITION

Since 09/2020 Professor at UiT - The Arctic University of Norway, Faculty of Biosciences, Fisheries and Economics.

PAST POSITIONS

08/2014 - 08/2020 Associate Professor at UiT - The Arctic University of Norway

01/2014 - 04/2017 Adjunct Associate Professor at the University Centre in Svalbard.

09/2011 - 08/2014 Post-doctor at UiT- The Arctic University of Norway, BFE.

02/2010 - 08/2011 Researcher at Akvaplan-niva.

08/2006 - 01/2010 PhD student at Akvaplan-niva/University of Tromsø.

EDUCATION

01/2010 *PhD* in Arctic marine ecotoxicology, University of Tromsø/Akvaplan-niva.

06/2006 *MSc* in ecotoxicology, University of Bordeaux (France).

GRANTS (above 200.000 NOK)

1. PI, TOXIGEN «Reproductive toxicity and transgenerational effects of petroleum mixtures in fish», Norwegian Research Council, (kr 19.838.000,-), 2023 – 2027.
2. WP lead « Species Sensitivity », Project: Cumulative impact of multiple stressors in High North ecosystems (CLEAN), FramCentre kr 49.000.000,-, 2022 – 2027.
3. PI, PARENTox 2 “Effects of parental exposure to petroleum on Atlantic cod embryogenesis: a transcriptome approach (PARENTox 2)”, Fram Centre Flagship MIKON (kr 600.000,-) 2021
4. PI, PARENTox “Effects of parental exposure to petroleum on fertilization success and embryo development in Atlantic cod”, Fram Centre Flagship “MIKON” (kr 1.000.000,-) 2020.
5. Participant, NOR-LANKA Blue, exchange programme with Sri Lanka. Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education (DIKU) NORPART Programme, (kr 5.000.000,-), 2019-2023.
6. Participant, Arctic EcoSens “Environmental monitoring of Arctic coastal ecosystems: Sensitivity to petroleum pollution”, Norwegian Research Council, NORRUSS programme, (kr 10.000.000,-), 2018-2020.
7. coPI, Visiting grant for Dr V. Leignel through the French-norwegian exchange programme Asgård 2018.
8. PI, Sens2Change “Sensitivity of polar cod early life stages to a changing Arctic: A study of the impact of petroleum and elevated temperature”, Fram Centre Flagship “MIKON” (kr 980.000,-), 2018.
9. Participant, Nansen Legacy, Research Focus “Human Impacts”, task “Effects of oil and contaminants on northern Barents Sea ecosystem health », (kr 360.000.000,-), 2018-2024.
10. Participant, Net Environmental Benefit Analysis Tool to Assess the Environmental Effects of Arctic Oil Spills and Oil Spill Response Technologies (NEBA) Fram Centre Flagship “MIKON” (kr 2.000.000,-), 2015-2016.
11. Participant, Environmental Effects of Arctic Oil Spills and Arctic Spill Response Technologies. Arctic Oil Spill Response Technology – Joint Industry Programme (JIP), (kr 10.000.000,-), 2014-2016
12. PI, COOPENOR “Combined effects Of Petroleum and the Environment in bivalves from the Norwegian-Russian Arctic”, Norwegian Research Council and the Russian Foundation for Basic Research (kr 11.580.000,-), 2013-2016.
13. Participant, Trophic transfer and genotoxicity of PAHs, their alkylated homologues and metabolites along Arctic and sub-arctic marine food chains. Fram Centre Flagship “Hazardous substances”, (kr 600.000,-), 2015.
14. PI, Greenacid “Bile acid analysis of polar cod in connection to the NFR-funded Polarisation project”, Fram Centre Flagship “MIKON” (kr 400.000,-), 2014.
15. Participant, “Biological effects of the Skjervøy diesel oil spill – a sub-Arctic case study. ”, Fram Centre Flagship “MIKON” (kr 400.000,-), 2014.

16. Participant, Advancing Environmental Risk Assessment in the Arctic", Fram Centre Flagship "MIKON" (kr 400.000,-), 2014.
17. WP leader "Education" for EWMA II, Environmental Waster Management Project, (kr 26.000,-), 2014-2017.
18. PI, Research grant (kr 300.000,-) Fram Centre Flagship "Hazardous substances", (kr 400.000,-), 2014.
19. WP leader, ARCEX, Research Centre for Arctic Petroleum Exploration. Leader of WP "Education and Outreach" and participant in WP "Environmental risk management" (UiT) (kr 222.722.000,-), 2013-2022.
20. Participant, BAMSE "Bilateral Arctic Marine Science and student Exchange programme », Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education (DIKU) (kr 3.500.000,-), 2013
21. Workshop Organiser, BIVARC workshop "Collaboration on Arctic bivalves" from the Norwegian Research Council and the Svalbard Science Forum (kr 230.000,-), 2013.
22. PI, POLARISATION "Polar cod, lipid metabolism and disruption by PAHs", Norwegian Research Council, FRIPRO programme/Universitetsløfte (kr 15.800.000,-), 2012-2015.
23. PI, grant for the establishment of an ecotoxicology laboratory at UiT (kr 1.000.000) from "Tromsø forskningsstiftelse", 2012.
24. PI, Research grant Fram Centre Flagship "Hazardous substances" (kr 200.000,-), 2012.

INSTITUTIONAL RESPONSIBILITIES

- 2026 – Member of the Faculty Board at the Faculty of Biosciences, Fisheries and Economics
- 2019 – Member of the Board of Havbrukstasjon i Tromsø (substitute in 2022)
- 2019 – 2022 Programleader for the Department's international Master programme in Biology and member of the Department's advisory board (since 2022)
- 2018 – 2019 Head of the research Group "Arctic Marine System Ecology"
- 2015 – 2021 Member of the Study Programme Board of the Department Arctic and Marine Biology, UiT.
- 2015 – 2018 Responsible for the Bachelor Study Programme "Environmental management and Ecotoxicology".

COMMISSIONS OF TRUST

- 2024 Evaluation committee member for PhD defence of Giovanna Monticelli "Fish gut microbiome changes as biological response to contaminants exposures », University of Stavanger.
- 2022 Evaluation committee member PhD defence of Mariem Zaidi "Valorisation des gastéropodes marins en écotoxicologie par l'étude de leur diversité génétique et leurs réponses aux perturbations environnementales. », Le Mans University (France) and University Sfax (Tunisia).
- 2022 – 2023 Organiser of the 9th *Norwegian Environmental Toxicology Symposium*, Tromsø (Norway) site.uit.no/nets2022. Guest editor NETS Special Issue in *Journal of Toxicology and Environmental Health Part A*, Taylor and Francis.
- 2021, 2022 Member of the committee for the prize of Fundamental Research prize at the Faculty of Environment and Technology (UiT).
- 2020 Member of the working group Marine Pollution, NMU-NOAH project (PES2020 Support to Norwegian Stakeholders Shaping the Content of Horizon Europe funding scheme).
- 2020 Session chair, *Norwegian Environmental Toxicology Symposium*, Bergen (Norway).
- 2020 External evaluator of the mid-way evaluation of the PhD thesis "PFASs in environmental mixtures – sources and effects (Håkon Langberg, NTNU).
- 2020 Invited speaker, *Norwegian Selskap for Farmakologi og Toksikologi*, vintermøte Beitostølen
- 2018 Invited speaker *Norwegian Environmental Toxicology Symposium*, Longyearbyen
- 2016 Guest Editor, Special issue "Arctic gadids" in *Polar Biology*.
- 2014 External reviewer for the New Netherlands Polar Programme (Netherlands).
- 2010 – Regular referee for International peer-reviewed journals: *Chemosphere*, *Environmental Pollution*, *Marine Environmental Research*, *Marine Pollution Bulletin*, *Aquatic Toxicology*, *PlosOne*, *Polar Biology*, *Environmental Science and Pollution Research*, *Deep Sea Research*.
- 2009 Conference chair of session "Ocean - Sea Ice - Atmosphere forcing in ice-dominated ecosystems", *Arctic Frontiers*, The Age of the Arctic, Tromsø (Norway).
- 2008 ARCTOS PhD School representative, <http://arctos.uit.no>

AWARDS

- 2021 *Development and Renewal* prize at the BFE faculty (2021)
- 2014 Fram Centre *Forskningspris* 2014.

PEER REVIEWED PUBLICATIONS

Annotations refer to: *Main author (first, second or last) and † my students

1. Mantor, V., Kwame Odei, D., Rikardsen, A., **Nahrgang, J.**, Warnant, A., Debier, C., Pirard*, L., Blévin, P*. Blubber under stress: ex vivo cortisol exposure induces anti-inflammatory state in precision-cut adipose tissue slices from humpback whales. *Frontiers in Marine Science* (*co-last author)
2. Erhart, C., **Nahrgang, J.***, Creese, M. E., Dubourg, P., Frantzen, M., Hansen, B. H., Hansen, Ø. J., Meador, J. P., Michon, E., Odei, D. K., Puvanendran, V., & Sørensen, L. (2026). Crude Oil Exposure During Gametogenesis in the Batch-Spawning Atlantic Cod (*Gadus morhua*): Effects on Gametes and Maternally Exposed Offspring Development. *Archives of Environmental Contamination and Toxicology*, 90(1), 4. <https://doi.org/10.1007/s00244-025-01170-5>
3. Erhart, C., **Nahrgang, J.***, Odei, D. K., Frantzen, M., Sørensen, L., Creese, M. E., Puvanendran, V., Hansen, Ø. J., Hansen, B. H., Meador, J. P., & Yadetie, F. (2026). Maternal and paternal crude oil exposure differentially shapes early developmental transcriptomes and survival outcomes in Atlantic cod (*Gadus morhua*). *Marine Pollution Bulletin*, 226. <https://doi.org/10.1016/j.marpolbul.2026.119374>
4. Stropke LC†, Vieweg I†, Yadetie F, Odei DK, Thorsen A, Karlsen OA, Goksøyr G, Sørensen L, Sarno A, Hansen BH, Frantzen M, Hansen Ø, Puvanendran V, **Nahrgang J*** (2025) Spawning time in adult polar cod (*Boreogadus saida*) altered by crude oil exposure, independent of food availability. *J Toxicol Environ Health Part A* <https://doi.org/10.1080/15287394.2023.2228535>
5. Herold, Sørensen, Creese, **Nahrgang J**, Schweiger, Tal. Identification of Neuroactive Chemicals in Crude Oil-Derived Water Accommodated Fractions. Accepted in *Environmental Science and Technology*.
6. Karlsen OA, Rasinger JD, Brattås M, Tollesfesen KE, Goksøyr A, **Nahrgang J*** (2025) Quantitative analysis of the polar cod (*Boreogadus saida*) hepatic proteome highlights interconnected responses in cellular adaptation and defence mechanisms after dietary benzo[a]pyrene exposure *Sci. Total Environ.* 963, 178510.
7. Vogt N, Wermter FC, **Nahrgang J**, Storch D, Bock C (2024) Tracking gonadal development in fish: An in vivo MRI study on polar cod, *Boreogadus saida* (Lepechin, 1774). *NMR Biomed.* **37**, e5231.
8. Hoff, S. N. K. *et al.* Population divergence manifested by genomic rearrangements in a keystone Arctic species with high gene flow. *bioRxiv* 2024.06.28.597535 (2024) doi:10.1101/2024.06.28.597535.
9. Geoffroy G, Bouchard C, Flores H, Robert D, Gjøsaeter H, Hoover C, Hop H, Hussey NE, **Nahrgang J, et al.** (2023) The circumpolar impacts of climate change and anthropogenic stressors on Arctic cod (*Boreogadus saida*) and its ecosystem. <http://dx.doi.org/10.1525/elementa.2022.00097>
10. **Nahrgang J***, Granlund C†, ML Bender†, Sørensen L, Greenacre M, Frantzen M (2023) No observed developmental effects in early life stages of capelin (*Mallotus villosus*) exposed to a water-soluble fraction of crude oil during embryonic development. *J Toxicol Environ Health Part A*, 86:12,404-419. <https://doi.org/10.1080/15287394.2023.2209115>
11. Lerebours A, Murzina S, Song Y, Tollefsen KE, **Nahrgang J*** (2022) DNA repair and cancer gene responses in polar cod (*Boreogadus saida*) exposed to dietary benzo[a]pyrene elicit ? *Mar Environ Res*, <https://doi.org/10.1016/j.marenvres.2021.105434>
12. Yadetie. F, Brun N, Vieweg I†, **Nahrgang J**, Karlsen OA, Goksøyr A. 2022. Transcriptome analysis reveals anti-estrogenic responses in precision-cut liver slice culture of polar cod (*Boreogadus saida*) exposed to a mixture of benzo(a)pyrene and ethynylestradiol. *Toxicol in vitro*, <https://doi.org/10.1016/j.tiv.2021.105193>
13. Botté A†, Seguin C, **Nahrgang J**, Zaidi M, Guery J, Leignel V. (2022) Lead in the marine environment: Concentrations and effects on invertebrates. *Ecotoxicology*, <https://doi.org/10.1007/s10646-021-02504-4>
14. Vieweg I†, Bender ML†, Semenchuk PR, Hop H, **Nahrgang J*** (2021) Effects of chronic crude oil exposure on the fitness of polar cod (*Boreogadus saida*) through changes in growth, energy reserves, and survival. *Mar Env Res*. <https://doi.org/10.1016/j.marenvres.2021.105545>
15. Bender ML†, Giebichenstein J†, Teisrud R†, Laurent J†, Frantzen M, Meador JP, Sørensen L, Hansen BH, Reinardy HC, Laurel B, **Nahrgang J*** (2021). Combined effects of crude oil exposure and warming on eggs and larvae of an arctic forage fish. *Scientific Reports* <https://doi.org/10.1038/s41598-021-87932-2>
16. de Vries P, Tamis J, **Nahrgang J**, Frantzen M, Jak R, van den Heuvel-Greve M, Klok C, Hemerik L. (2021) Quantifying the consequence of applying conservative assumptions in the assessment oil spill effects on polar cod (*Boreogadus saida*) populations. *Polar Biol*, <https://doi.org/10.1007/s00300-021-02824-5>
17. Ytteborg E, Hansen ØJ, Høst V, Afanasyev S, Vieweg I, **Nahrgang J**, Krasnov A (2020) Morphology, Transcriptomics and In Vitro Model of Skin from Polar Cod (*Boreogadus Saida*) and Atlantic Cod (*Gadus Morhua*). *Fishes* 5:34. doi:10.3390/fishes5040034.
18. Meador JP, **Nahrgang J*** (2019) Characterizing Crude Oil Toxicity to Early-Life Stage Fish Based On a Complex Mixture: Are We Making Unsupported Assumptions? *Environ Sci Technol* 53:11080-11092.
19. **Nahrgang J***, Bender ML†, Meier S, Nechev J, Berge J, Frantzen M (2019) Growth and metabolism of adult polar cod (*Boreogadus saida*) in response to dietary crude oil. *Ecotoxicol Environ Saf* 180:53–62.

20. Reinardy HC, Pedersen KB, **Nahrgang J**, Frantzen M (2019). Effects of mine tailings exposure on early life stages of Atlantic cod. *Environ Toxicol Chem* 38:1446–1454.
21. Storhaug E†, **Nahrgang J***, Pedersen KB, Brooks SJ, Petes LP, Bakhmet IN, Frantzen M (2019) Seasonal and spatial variations in biomarker baseline levels within Arctic populations of mussels (*Mytilus spp.*). *Sci Tot Environ* 656:921–936.
22. Song Y, **Nahrgang J***, Tollefsen K-E (2019) Transcriptomic analysis reveals dose-dependent modes of action of benzo(a)pyrene in polar cod (*Boreogadus saida*). *Sci Tot Environ* 653:176–189.
23. Dahlke TF, Butzin M, **Nahrgang J**, Puvanendran V, Mortensen A, Pörtner HO, Storch D (2018) Northern cod species face spawning habitat losses if global warming exceeds 1.5°C. *Science Advances* 4 (11), eaas8821.
24. Bender ML†, Frantzen M, Camus L, Le Floch S, Palerud J, **Nahrgang J*** (2018) Effects of acute exposure to dispersed oil and burned oil residue on long-term survival, growth, and reproductive development in polar cod (*Boreogadus saida*). *Mar Environ Res* 140:468–477.
25. Fokina N, Storhaug E†, Bakhmet I, Maximovich N, Frantzen M, **Nahrgang J*** (2018) Seasonal changes in lipid class content in mussels *Mytilus spp.* from Rakkfjorden in the Norwegian Sea and Kandalaksha Bay of the White Sea. *Polar Biol* 41:2103–2117.
26. Vieweg I†, Bilbao E, Meador JP, Cancio I, Bender ML†, Cajaraville MP, **Nahrgang J*** (2018) Effects of dietary crude oil exposure on molecular and physiological parameters related to lipid homeostasis in polar cod (*Boreogadus saida*). *Comp Biochem Physiol C* 206-207:54–64.
27. Vieweg I†, Benedetti M, Lanzoni I, Regoli F, **Nahrgang J*** (2017) Antioxidant defenses in polar cod (*Boreogadus saida*) and responsiveness towards dietary crude oil exposure. *Mar Environ Res* 130:48-59.
28. **Nahrgang J***, Dubourg P†, Frantzen M, Storch D, Dahlke F, Meador J (2016) Corrigendum to “Early life stages of an Arctic keystone species (*Boreogadus saida*) show high sensitivity to a water-soluble fraction of crude oil ». *Environ. Pollut.* doi.org/10.1016/j.envpol.2016.12.062
29. **Nahrgang J***, Dubourg P†, Frantzen M, Storch D, Dahlke F, Meador J (2016) Early life stages of an Arctic keystone species (*Boreogadus saida*) show high sensitivity to a water-soluble fraction of crude oil. *Environ Pollut* 218:605-614.
30. Bender ML†, Frantzen M, Vieweg I†, Falk-Petersen IB, Johnsen HK, Rudolfson G, Tollefsen KE, Dubourg P, **Nahrgang J*** (2016) Effects of chronic dietary petroleum exposure on reproductive development in polar cod (*Boreogadus saida*). *Aquat Toxicol* 180:196-208.
31. Sagerup K, **Nahrgang J***, Frantzen M, Larsen LH, Geraudie P (2016) Biological effects of marine diesel oil exposure in red king crab (*Paralithodes camtschaticus*) assessed through a water and foodborne exposure experiment. *Mar Environ Res* 119: 126-135.
32. Mueter FJ, **Nahrgang J***, Nelson RJ, Berge J (2016) The ecology of gadid fishes in the circumpolar Arctic with a special emphasis on the polar cod (*Boreogadus saida*). *Polar Biol* 39:961-967.
33. Frantzen M, Regoli F, Ambrose WG, **Nahrgang J**, Geraudie P, Benedetti M, Locke W, Camus L (2016) Biological effects of mechanically and chemically dispersed oil on the Icelandic scallop (*Chlamys islandica*). *Ecotoxicol Environ Saf* 127:95-107.
34. **Nahrgang J***, Korshunova E†, Murzina SA, Delmas O, Nemova NN, Berge J (2016) Aspects of reproductive biology of wild caught polar cod (*Boreogadus saida*) from Svalbard waters. *Polar Biol* 39:1155-1164.
35. Bakke M, **Nahrgang J***, Ingebrigtsen K (2016) Comparative absorption and tissue distribution of ¹⁴C-benzo(a)pyrene and ¹⁴C-phenanthrene in the polar cod (*Boreogadus saida*) following oral administration. *Polar Biol* 39:1165-1173.
36. Berge J, Cottier F, Darnis G, Falk-Petersen S, Gabrielsen T, Johnsen G, Last K, Leu E, Lønne OJ, Moline M, **Nahrgang J**, Renaud PE, Seuthe L, Søreide J, Varpe Ø, Weslawski JM (2015) In the dark: paradigms of Arctic ecosystems during polar night challenged by new understanding. *Progr Oceanogr* 139:258-271.
37. Camus L, Brooks S, Geraudie P, Hjorth M, **Nahrgang J**, Olsen GH, Smit MG (2015) Comparison of produced water toxicity to Arctic and temperate species. *Ecotoxicol Environ Saf* 113:248-58.
38. **Nahrgang J***, Varpe Ø, Korshunova E†, Murzina S, Hallanger IG, Vieweg I† (2014) Gender specific reproductive strategies of an Arctic key species (*Boreogadus saida*) and implications of climate change. *PLOS One* doi.org/10.1371/journal.pone.0098452
39. Geraudie P, **Nahrgang J***, Leray J, Minier C, Camus L (2014) Endocrine disrupting effects of produced water in polar cod (*Boreogadus saida*). *J Toxicol Environ Health A* 77:557-73.
40. Berge J, **Nahrgang J*** (2013) The Atlantic spiny lumpsucker *Eumicrotremus spinosus*: life history traits and the seemingly unlikely interaction with the pelagic amphipod *Themisto libellula*. *Polish Polar Res* 34:279-287.
41. **Nahrgang J***, Brooks S, Evenset A, Camus L, Jonsson M, Smith T, Lukina J, Frantzen M, Giarratano E, Renaud PE (2013) Seasonal variation in biomarkers in blue mussel (*Mytilus edulis*), Icelandic scallop (*Chlamys islandica*) and Atlantic cod (*Gadus morhua*) – implications for environmental monitoring in the Barents Sea. *Aquat Toxicol* 127:21-35.
42. Frantzen M, Falk-Petersen IB, **Nahrgang J**, Smith T, Olsen GH, Hangstad TA, Camus L (2012) Toxicity of Goliat crude oil and pyrene to the embryos of beach spawning capelin (*Mallotus villosus*). *Aquat Toxicol* 108:42-52.
43. Renaud PE, Berge J, Varpe Ø, Lønne OJ, **Nahrgang J**, Ottesen C, Hallanger I (2012) Climate change, competition, and consequences for the key Arctic species, *Boreogadus saida*. *Polar Biol* 35:401-412.

44. Camus L, **Nahrgang J***, Olsen GH (2010) Risk assessment and biomonitoring tools in the Arctic. *Proceedings of 33rd AMOP Technical Seminar on Environmental Contamination and Response, Halifax, Canada* 2:1253-1266.
45. **Nahrgang J***, Camus L, Broms F, Christiansen JS, Hop H (2010) Seasonal baseline levels of physiological and biochemical parameters in polar cod (*Boreogadus saida*): implications for environmental monitoring. *Mar Pollut Bull* 60:1336-1345.
46. **Nahrgang J***, Jönsson M, Camus L (2010) EROD activity in liver and gills of polar cod (*Boreogadus saida*) exposed to waterborne and dietary crude oil. *Mar Environ Res* 70:120-123.
47. Christiansen JS, Karamushko LI, **Nahrgang J** (2010) Sub-lethal levels of waterborne petroleum may depress routine metabolism in polar cod *Boreogadus saida* (Lepechin, 1774). *Polar Biol* 33:1049-1055
48. **Nahrgang J***, Camus L, Carls MG, Gonzalez P, Jönsson M, Taban IC, Bechmann RK, Christiansen JS, Hop H (2010). Biomarker responses in polar cod (*Boreogadus saida*) exposed to the water soluble fraction of crude oil. *Aquat Toxicol* 97:234-242.
49. **Nahrgang J***, Camus L, Gonzalez P, Jönsson M, Christiansen JS, Hop H (2010) Biomarker responses in polar cod (*Boreogadus saida*) exposed to dietary crude oil. *Aquat Toxicol* 96:77-83.
50. **Nahrgang J***, Camus L, Gonzalez P, Goksøyr A, Christiansen JS, Hop H (2009) PAH biomarker responses in polar cod (*Boreogadus saida*) exposed to benzo(a)pyrene. *Aquat Toxicol* 94:309-319.

PEDAGOGICAL WORK

See my digital teaching portefolio <https://jasmineteaching.wordpress.com>

SELECTION OF COURSES (main responsible)

- | | |
|-------------|---|
| 2019 – | BIO3020 (10 ECTS) “Fundamentals in Ecotoxicology I” at UiT |
| 2018 – 2024 | BIO2014 (10 ECTS) “Utplassering i næringslivet» at UiT |
| 2016 – 2018 | BIO2012 (10 ECTS) “Fundamentals in Ecotoxicology I” (theory) at UiT |
| 2016 – 2018 | BIO2013 (10 ECTS) “Fundamentals in Ecotoxicology II” (practice) at UiT |
| 2011 – 2015 | BIO3007 (5 ECTS) “Ecotoxicology: A practical introduction to environmental monitoring tools”. |
| 2011 – 2015 | BIO2008 (10 ECTS) “Introduction to ecotoxicology”. |
| 2010 – 2015 | BIO3009/BIO8015 (10 ECTS) “Arctic marine pollution” |
| 2015 | AT333/833 (10 ECTS) “Arctic Petroleum Sciences” at UNIS. (external sensor 2017-2022) |

SUPERVISION OF STUDENTS AND POST-DOCTORAL FELLOWS

Since 2011, main or sole supervisor for all students and postdocs listed below.

Mentoring of postdoctoral research fellows:

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| 2024 – | María Fernandez. Post Doc UiB/ToxiGen project. |
| 2018 – 2020 | Ireen Vieweg. Post Doc UiT/The Nansen legacy. |
| 2012 – 2015 | Jordan Nechev. PostDoc UiT/POLARISATION. |
| 2010 – 2011 | Perrine Geraudie. Visiting PostDoc/Yggdrasil mobility grant NRC. |

PhD candidates (as main supervisor): 5 of which 1 ongoing, 1 not completed.

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| 2023 – | Abigail Chapman. Multigenerational effects of crude oil water soluble compounds in fishes. |
| 2020 – 2026 | Claudia Erhart. From Parent to Progeny: Reproductive and intergenerational effects of crude oil exposure in key fish species in the Barents Sea. |
| 2016 – 2020 | Morgan L. Bender. Polar Cod in a Changing Arctic: Toxicity of crude oil on sensitive life history stages of a key Arctic species. |
| 2012 – 2017 | Ireen Vieweg Biological effects of dietary crude oil on polar cod (<i>Boreogadus saida</i>). |

Master candidates: 25 graduated MSc candidates since 2011

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| 2025 – | Morten Trolsrud (UiT – 60 ECTS) |
| 2025 – | Raymond Jason Bates (UiT – 60 ECTS) |