

TEACHING PORTFOLIO – CV ØYVIND FIKSEN

Name: Øyvind Fiksen
 Born: 6th September 1968
 Private address: Klauvsteinen 60, 5146 Fyllingsdalen
 Working at: University of Bergen
 Department of Biology,
 5020 BERGEN, Norway
 Telephone: +47 55584624 (work)
 e-mail: oyvind.fiksen@uib.no
 Web: www.bio.uib.no/modelling/of

WORK EXPERIENCE

PERIOD	PLACE	POSITION	PROJECT/TOPIC
2006 -	BIO [#]	Professor	Biological Oceanography
2002 -2006	BIO [#]	Associate Professor	Biological Oceanography
2000-02	IFM [*]	Post doc	Recruitment mechanisms in fish
2000	Paternal leave, 5 months		
1997-00	IFM [*]	Research fellow	Ecological modelling
1995-97	IFM [*]	PhD. student	Behaviour and life strategies

^{*}Department of Fisheries and Marine Biology, University of Bergen, Norway

[#]Department of Biology, University of Bergen, Norway

TEACHING DEVELOPMENT AND EDUCATIONAL LEADERSHIP: I have been faculty member and a teacher at the University of Bergen since 2002. My first 10 years of teaching was rather traditional, lecture-based, with some writing assignments but little systematic reflection on student learning outcomes. Then, for three years (2013-2015) I was appointed **Head of Education** and **Deputy Head of Department** at [Department of Biology](http://www.uib.no/bio) (BIO), [University of Bergen](http://www.uib.no). This involved responsibility for quality and organization of education at BIO. During this period, BIO was granted status as a **Centre of Excellence in Education** - and since 2014 the [Centre of Excellence in Biology Education](http://www.uib.no/bioceed) (bioCEED) has been operative. As Head of Education at BIO I acted in the Steering committee of bioCEED and lead the work package on ‘A collegial learning culture among teachers’. As a result of this engagement I 1) changed my own teaching practice considerably; 2) realized the need for change in educational practice of higher education; and 3) became an actor to facilitate change at BIO and also at a national level. This is evident from my ~40 talks listed in the table below, including a range of topics within higher education and activities related to bioCEED. In 2017, I was [awarded the status as Excellent Teaching Practitioner](#) at the Faculty of Mathematics and Natural Sciences, UiB.

FIELD OF RESEARCH: My scientific research address how processes at the level of individuals drive the dynamics of populations and communities in the marine environment. My goal is to develop ecological models where biomass and energy fluxes are emerging from physical and evolutionary consistent mechanisms.

BIBLIOMETRY September 2018: Papers **78**. From ISI Web of Science: **2350** citations; h-index: **30**. A detailed list of publications are found here: <http://bio.uib.no/te/of/publications.php>

Researcher ID: [F-1771-2011](#); [ORCID ID](#)

ACADEMIC LEADERSHIP AND COMMISSIONS OF TRUST

- ✓ **Head of Education** and Deputy for Head of Department at Department of biology, (BIO), University of Bergen, 2013-2015.
- ✓ **Member of the SC and leader of WP1** 'in the [Centre of Excellence in Education – bioCEED](#) 2013-2015.
- ✓ **Leader of the [Theoretical Ecology Group](#)** at BIO (~12 staff-members).
- ✓ **Organizer** of the [3rd International Workshop on Trait-based approaches to ocean life](#)', August 2017, Bergen.
- ✓ **Chair** of Scientific Advisory Board in the CoE '[Centre for Ocean Life](#)', at DTU Aqua, Technical University of Denmark, Copenhagen 2013-.
- ✓ **Member** of the steering committee for the International Workshop '[Trait-based approaches to ocean life](#)' in Waterville Valley, New Hampshire, October 5-8, 2015.
- ✓ **Member** of [Expert Working Group on Marine Graduate Training](#) (WG Marine Graduate), initiated by European Marine Board. 2014-2016. Report available [here](#).
- ✓ **PI Bergen node** in the Nordic Centre of Excellence '[NorMER](#)': Nordic Centre for Research on Marine Ecosystems and Resources under Climate Change.
- ✓ **Editorial Board Member** of [Oecologia](#) 2009-2013.
- ✓ **Convenor** of Scientific Sessions at 3 international Symposia and 2 Workshops.
- ✓ **Member** of GLOBEC Focus 3 Working Group *Modelling and predictive capabilities* 2000-2010.
- ✓ Since 2003, I have contributed to the initiation of, received and **managed research projects** worth >40 mill NOK from EU and Norwegian Research Council.
- ✓ **Invited international talks/meetings**: ~26.
- ✓ **Contributed talks** at international scientific conferences: >30.

PEDAGOGICAL/ACADEMIC LEADERSHIP COURSES

- **Completed basic Development program in University Pedagogics**, University of Bergen, during 2002-2004. This involved courses in pedagogics, lecturing and assessment, and peer-groups commenting on lecturing. As part of the course [I wrote a paper](#) on my own experience of Portfolio assessment in a course I was teaching. [See Diploma here](#).
- **Completed the course *Collegial Teaching and Learning – in Biology 2016***. The total workload was 100 hours, and involved instructions, reading and a collegial group project about writing as a learning activity during the Bachelor degree in Biology. One outcome of the course was [a paper to the MNT-conference 2017](#) on '*Collegial evaluation of writing as a learning activity in a bachelor programme*'. The course was led by Roy Andersson and Arild Raaheim. [Diploma linked here](#).
- **Fulfilled Course in Research leadership 2013-2014**, at the Mat. Nat Faculty at UiB. This course included 7 days with plenary meetings and individual development projects – held by Søren Barlebo Rasmussen and Are Syvertsen. [Diploma linked here](#).

PUBLICATIONS ON TEACHING AND LEARNING

1. Fiksen, Ø. (2005). [Portfolio assessment- experiences from a biology course](#) (in Norwegian). Universitetspedagogisk utviklingsarbeid i Bergen (UPED-skrifter), University of Bergen.
2. Fiksen, Ø. 2015. [Korleis utnytte forskarkulturen for betre undervisningskvalitet?](#) MNT-konferansen 2015, Bergen. UHR og Nasjonalt senter for realfagsrekruttering.

3. Fiksen, Ø. 2016. [Evolusjonslæra inn i skulen](#). Kronikk Bergens Tidende, 29.03.2016.
4. Raaheim, A., Fiksen, Ø, & L. Jenø. 2016. [Vi bør gjøre noe med undervisningen](#). Kronikk Bergens Tidende, 30.03.2016.
5. Andersen, H. L.; Fiksen, Ø.; Kirkendall, L.; S. Stefansson. (2017). [Collegial evaluation of writing as a learning activity in a bachelor programme](#). Contribution to MNT-konferansen 2017, Oslo. UHR og Nasjonalt senter for realfagsrekruttering.
6. R. Andersson, P. B. Eidesen, Ø. Fiksen, O. Førland, S. Stefansson, og V. Vandvik. (2017). [Korleis få professorar med på ein kollegial SoTL-kultur?](#) Contribution to MNT-konferansen 2017, Oslo. UHR og Nasjonalt senter for realfagsrekruttering.
7. Vincx, M., Antia, A., Deprez, T., Fiksen, O., Koski, M., Mackenzie, B., McGrane, P., O'Carroll, C., Olsen, J., Menezes Pinheiro, L., Ribera d'Alcala, M., Roulet, G. (2018) [Training the 21st Century Marine Professional: A new vision for marine graduate education and training programmes in Europe](#). Kellett, P., Larkin, K., Heymans, J. J., McDonough, N., Wouters, N., Chu, N-C. [Eds.] Future Science Brief 2 of the European Marine Board, Ostend, Belgium. 47pp. ISBN: 9879492043511. ISSN: 2593-5232
8. Rachelle Esterhazy & Øyvind Fiksen. (in press). Evolution of portfolio assessment in ecology: a three-year course design cycle. UniPed.
9. Øyvind Fiksen, Sigrunn Eliassen and Øystein Varpe. (2018). *Building the research-teaching nexus in ecology: three courses to get there*. Contribution at the International conference on Scholarship of Teaching and Learning. Bergen, 25. october.

TALKS ON TEACHING AND LEARNING

	Title of contribution	Location	Format	Date	Authors
1	Veien fram til SFU	Institutt for biomedisin, UiB	Presentation	18.12.13	Ø. Fiksen
2	Educational leadership and student active learning	Seminar, Dept. of Clinical Dentistry, UiB	Invited talk	04.02.14	Ø. Fiksen
3	Veien fram til SFU	Klinisk institutt, UiB	Presentation	06.02.14	Ø. Fiksen
4	SFU – hemmeligheten bak	UH-nett VEST	Presentation/ Seminar	03.03.14	Ø. Fiksen
5	Om bioCEED	Alumnidagane UiB	Presentation	09.05.14	Ø. Fiksen
6	Riva Institute Meeting	Lund Tekniske Høgskole, Sverige	Seminar	12.- 15.06.14	Ø Fiksen, O. Førland
7	FoU-basert utdanning	UHR	Seminar	20.06.14	Ø Fiksen, M Nerheim
8	Sammen for bedre læring	UiB	Workshop	18- 19.09.14	Ø Fiksen, A Raaheim
9	Utdanningsledelse – UiBs ledersamling	UiB	Presentation/ Seminar	13.10.14	V Vandvik, Ø Fiksen
10	Video workshop	MatRiC, Kristiansand	Workshop	23.10.14	Ø Fiksen
11	Forske på læring og lære av forskarkulturen	Nasjonal PPU-konferanse, HIB	Presentation/ Conference	27.- 28.11.14	Ø Fiksen

12	Studiekvalitetsseminar – Utdanningsledelse	UiB	Presentation/ Seminar	10.12.14	Øyvind Fiksen
13	Seminar on educational leadership and student active learning	Strategisamling , Klinisk institutt 2, UiB	Invited talk	04.02.15	Ø. Fiksen
14	<i>Utvikling av meir struktur og mindre forelesing i undervisningen</i>	Utdanningsledelse for kvalitets- utvikling i studiene , Tromsø	Invited talk, conference	12.02.15	Ø. Fiksen
15	Teaching ecology effectively – is there a formula?	2 nd Conference of Norwegian Ecol. Soc., Bergen	Workshop session	11.03.15	Ø Fiksen, C Jørgensen
16	Evaluation and Quality Development	bioCEED Seminar	Introduction	17.03.15	Andersson, Fiksen, Fjørland
17	Korleis utnytte forskarkulturen for betre undervisningskvalitet?	MNT-konferansen 2015: Teach less, learn more, Bergen	Paper presentation	19.03.15	Ø Fiksen, V Vandvik
18	Undervisningsleiing – mellom to kulturar	NOKUT- konferansen om høyere utdanning	Invited talk, Grieghallen	19.05.15	Fiksen, Ø., Fjørland, O., & Vandvik
19	Reflections on the use of NetLogo in teaching ecology	Mathematical Modeling Colloq. Kristiansand	Invited talk, conference	28- 29.05.15	Ø.Fiksen
20	SFU-ordningens ringvirkninger	NOKUT frokostmøte, Oslo	Panel discussion	09.09.15	Ø. Fiksen
21	Innspillseminar til arbeidet med stortingsmelding om kvalitet i høyere utdanning	Kunnskaps- departementet	Invited talk	15.12.15	Ø.Fiksen
22	Undervisningsutvikling på BIO	Biofagrådet, NMBU, Ås	Invited talk	31.03.16	Ø. Fiksen
23	Hvordan skape kollektivt engasjement for studiekvalitetsarbeid - erfaringer fra bioCEED	Kick-off seminar for revisjon av studieprogram- og emnebeskrivelser , mat.nat/UiB	Invited talk	31.10.16	Ø. Fiksen
24	Merittering av undervisarar	Studentradioen - intervju	Radio	13.01.17	Ø. Fiksen
25	Merittering av undervisning	UH-Nett Vest seminar Solstrand Hotell	Invited talk and panel discussion	09.03.17	Ø. Fiksen
26	Hvordan kan vi bruke MittUiB i tilretteleggingen for studentenes læringsarbeid og læringsprosess?	Utdanningsutvalet Solstrand Hotell	Invited talk	18.09.17	Ø. Fiksen
27	Excellent teachers? Rewarding individuals? Measuring teaching practice?	UNIS – Learning Forum. Svalbard.	Invited talk	24.10.17	Ø. Fiksen
28	FILAMO - Connecting field work and laboratory experiments to numerical modelling in a changing marine environment	South Africa - Norway Science Week 2017. Pretoria, South Africa	Invited talk	06.12.17	Ø. Fiksen, C. Lindemann, C. Moloney

29	MittUiB og studentaktivisering	Studiekvalitets-seminar, Aulaen, UiB	Invited talk	14.12.17	Ø. Fiksen
30	Om ETP-ordninga og premiering av undervisning	Instituttleiarsamling	Meeting	07.03.18	Akademiet
31	Om bioCEED	Visit from Høgskolen i SørøstNorge	Meeting	04.04.18	bioCEED
32	Studentaktive læringsformer	Utdanningsutvalet, UiB	Invited talk	18.04.18	Ø. Fiksen
33	bioCEED – developing a CoE	Institutt for fremmedspråk, UiB Solstrand Hotell	Invited talk	26.04.18	Ø. Fiksen
34	Forskingsbasert utdanning og undervisningsporteføljer	Institutt for helse og funksjon, HVL	Invited talk	09.08.18	Ø. Fiksen
35	Kollega-workshop om bruk av MittUiB	Institutt for fysikk og teknologi	Tutorial	17.08.18	Ø. Fiksen
36	Forskingsbasert undervisning	Fakultet for lærarutdanning, kultur og idrett, HVL	Invitert foredrag	18.09.18	Ø. Fiksen
37	Læringsmiljø	Frokostmøte Alrek Helseklynge, Christie Cafe	Innlegg til debatt	24.09.18	Ø.Fiksen
38	Stor fisk med små egg	Barneuniversitetet, Aulaen	Invitert foredrag	28.09.18	Ø. Fiksen
39	Building the research-teaching nexus in ecology: three courses to get there.	International conference on Scholarship of Teaching and Learning, Grieghallen, Bergen	Fagleg innlegg	25.10.18	Ø. Fiksen S. Eliassen Ø. Varpe
40	Workshop: Om å søke ETP	SV-fakultetet	Møte	14.11.18	R Andersson Ø Fiksen
41	Forskingsbasert undervisning og demonstrasjon av TBL	Høgskole-pedagogikk HVL 19.-20. november	Invitert foredrag	20.11.18	Ø Fiksen

BACHELOR LEVEL TEACHING EXPERIENCE

My teaching obligation since 2008 is a general 10 ECT course in ecology – BIO201. This course was mandatory for all Bachelor students in biology until 2011. I got back to it in 2015, as mandatory for students taking a Master within Biodiversity, Evolution and Ecology. Since 2016, 28-44 students have enrolled for the course each year.

- **2018 Autumn: Bio300A.**
- **2018 Spring BIO301.**
- **2018 Spring: BIO201.** Along the same lines as in 2017, but adding three Excel group projects. [Course report and detailed outline here.](#)
- **2017: BIO201 Ecology.** Course leader, 35 students. Active classroom with PollEv-interactive dialogue, IF@AT group discussions, and instructions after group discussions. Group projects on modelling and statistics, individual written assignment with peer-review. Oral exam 60%. [Course report and detailed outline here.](#)

- **2017: BIO301 Current Topics in Biodiversity, Evolution and Ecology.** Course leader, 9 students. Students go through the full cycle of finding literature, summarizing state-of-the-art, writing proposals, peer reviewing each other's work and ranking proposals in panels. [Detailed course description here.](#)
- **2016: BIO201 Ecology.** Course leader. 28 students. Portfolio assessment, with 11 items in the learning portfolio, all counting towards the final grade. One special element this year was the iterative feedback process, where most assignments could be submitted for commenting as draft versions. Only final versions were used for grading. Peer review, group projects. [Detailed course description, evaluation and Quality assurance report here.](#)
- **2016: BIO301 BIO301 Current Topics in Biodiversity, Evolution and Ecology.** Course leader. 12 students. A Team-Based Learning experiment, we split students into two groups, they wrote an individual research proposal and reviewed it individually and as a group. [Detailed course description, student evaluations and Quality assurance test here.](#)
- **2015: BIO201 Ecology** (10 ECTS). Course leader, 10 students. Portfolio assessment, 6 written assignments. [Quality assurance report with course design here.](#)
- **2013: BIO 100 Introduction to Ecology and Evolution.** I contributed four lectures and took part in assessment of individual oral presentations. 130 students. [Quality assurance form here.](#)
- **2012: BIO 241 Behavioural Ecology.** Course leader. 10 ECT based on Davies, Krebs & West (2012) *An introduction to behavioural ecology* (4th ed.). 20 students. I had to step in on short notice for a colleague on short notice.
- **2008-2011: BIO 201. Ecology.** Course leader. 60-100 students. Begon, Harper and Townsend: *Ecology* (4th ed.). I did about 1/3 of the lectures and most of the written assignments, which I introduced when I became course leader.
- **2003: BFM 270 'Biological Oceanography'.** Course leader. 20 hours of lectures, and organizing the course at Fisheries University, Nha Trang, Vietnam. Completed in 4 weeks April/May 2003. 20 students, including 4 from UiB.
- **2002-2007: MAR 210 'Aquatic ecology'.** Course leader. 15-40 students each year. In 2004 the course was re-designed to portfolio assessment as reported in [Fiksen \(2005\).](#)

PHD- AND MASTER EDUCATION AND TRAINING

Planning, funding and organizing PhD-level training courses

1. **I am organizing a** course in [Bergen Summer Research School](#), June 2018. 13 PhD students, 10 days course.
2. **I am project leader** of a new project from [INTPART](#), coming out of bioCEED: **[FILAMO](#) – Connecting Field work and Laboratory experiments to numerical MOdeling in a changing marine environment.** Total support from NFR: 3.6 mill NOK. Collaborators are University of Cape Town and University of Oslo. FILAMO will train the next generation of multidisciplinary marine scientists to integrate and communicate across field- and laboratory- and numerical modelling approaches. To achieve this goal the project provide students and young scientists with meeting places and opportunities to combine research, research training and higher education through student exchange, researcher mobility, organizing summer schools and workshops across these methodological approaches. This project secures two new Hjort Summer Schools, in 2017 and in 2019.

3. **I organized** the Bergen Summer Research School course '[Oceans, Climate and Society](#)' in 2016. 16 PhD students participated, and three of them wrote a 5000 word essay and peer-reviewed two essays to obtain 10ECTS. The course is one of several in BSRS, running over two weeks in June, with about half the time in plenary sessions and the rest in separate courses.
4. **I was invited teacher and coordinator** of [a Short Course on Marine Ecosystem Modelling – An Introduction](#) during the [Ocean Outlook 2016: Icy Oceans](#). April 6th, 2016 Woods Hole, MA USA.
5. **I secured funding** for the [2nd Johan Hjort Summer School](#) 2016 (150 KNOK) from MarinForsk, Norwegian Research Council. Organized by Frede Thingstad and Selina Våge.
6. **I organized the [first Johan Hjort Summer school](#)** at Espesrend field station (2015). 30 PhD-students/early career scientists from all over the world attending. [Facebook Group](#) with [pictures](#). We obtained funding from Bergen University Fund (50 KNOK) and [POME](#) (70 KNOK). Our intention is to make this Summer School an annual event.
7. **I organized of an Advanced Course ([Nordic Marine Academy](#))**: '*Modelling marine populations from physics to evolution*' at Espesrend Field station, 10-16th of October 2005. Budget of about 200 KNOK, about 40 PhD students and researchers participated, in addition to 4 international and 6 national lecturers. See description [here](#).
8. **I was Co-organiser** (with AG Salvanes and G Huse) of the PhD course '*Population consequences of environmental fluctuations*', Espesrend Field Station, 1999.

Teaching at other PhD courses:

1. **Invited teacher** at the PhD school [Modeling as a tool to study the Baltic Sea ecosystem - Possibilities and challenges](#) at Askö Laboratorium, Stockholm. Lectures are available [here](#) and [here](#).
2. **Invited teacher** at the PhD Summer School [Innovative approaches in marine environment modelling \(AIMEN\)](#) 2013 in Brest, France.
3. NORFA PhD Course at Dept. of Microbiology, UoB, June 2002: Invited **lecture** on '*The link between the microbial food web and larger organisms*'.

PhD opposition: 1) Katherine A. Cresswell, British Antarctic Survey, Cambridge, UK, April 2006; 2) David Charles Moorcroft Miller, University of Cape Town, South Africa, June 2006. 3) Abdurhman K Ali, Univ of Tromsø, Dec 2007. 4) Hans van Someren Gréve, DTU, Denmark, June 2017.

Supervision of PhD students

- 1) Frode Bendiksen Vikebø 2002-2005 (co-supervisor): *The impact of climate on early stages of Arcto-Norwegian cod – a model approach*. (NFR)
- 2) Christian Jørgensen 2002-2005 (main supervisor): *Fisheries-induced life history evolution in cod*. (NFR)
- 3) Øystein Varpe 2003- 2007 (main supervisor): *Life history adaptations to seasonality*. (NFR project ADAPT)
- 4) Trond Kristiansen 2003-2007 (main supervisor). *Modelling early life history of cod*. (NFR project ECOBE).
- 5) Loic Baulier 2006- 2009 (co-supervisor). *Evolutionary and statistical modelling of life-time schedules of energy allocation in Atlantic herring and cod* (FISHACE, EU).

- 6) Agurtzane Urtizberea 2006 – 2009 (main supervisor) *From environment to survival. Foraging and bioenergetic models of anchovy and tuna larvae* (EU funded, EUROCEANS)
- 7) Anders Frugård Opdal 2006 – 2010 (main supervisor). *Dynamics of spawning migrations in Noretheast Arctic cod.* (NFR).
- 8) Niclas Dupont 2006 – 2009 (co-supervisor). *Top-down and bottom up forcing of marine fjord systems.* (EU funded, METAOCEANS).
- 9) Knut Viik Wollset 2007- 2010 (co-supervisor). *Adaptive behavioural flexibility in larval fish.* UoB-funded.
- 10) Rebecca Holt 2011- 2015 (co-supervisor). *Climate-induced evolution of the behaviour and life-history strategies of Atlantic cod (Gadus morhua).* PhD-student on NCoE NorMER.
- 11) Nadia Fouzai 2012 – (main supervisor) Phd-student on NCoE NorMER.
- 12) Tom Langbehn 2016 – (co supervisor) PhD student in ITN MarMAED
- 13) Gabriella Ljungström 2016 – (co- supervisor) PhD student in ITN MarMAED
- 14) Johanna Fall 2016 – (co- supervisor)
- 15) Johanna Aarfloth 2016 – (co- supervisor)

SUPERVISION OF CAND. SCIENT./MASTER STUDENTS

- 1) Jani Sassi (1998-99). *Life history and diel vertical migration in Meganyctiphanes norvegica in Clyde Sea.* (Marine biology). Mark: 1.4 (average 1.9)
- 2) Magni Flyum (1999-2002). *Optimal swimming speed, activity level and vertical distribution in herring larvae.* (Fisheries biology). Mark 1.9 (average 1.9)
- 3) Erik Gilje (1999-2000). *Evolutionary stable diapause strategies in Daphnids – a genetic algorithm.* (Limnology). Mark: 1.2 (average 1.7)
- 4) Jon Rønning (2001-2003): *Predasjonsrisiko hos copepoder: er det farlig å være mett?* (Marine Biology). Mark 2.0 (average 1.9)
- 5) Kristine Dolven (2002-2004) *Dormancy strategies in Daphnia* (Limnology). Mark B
- 6) Dorothy Householder (2003-2004) *Evaluation of harvest control rules: simple one-parameter versus complex multi-parameter strategies* (Fisheries biology). Mark B
- 7) Torunn Skau (2003-2005) *Reproduction biology of Periphylla periphylla (Scyphozoa: Coronatae) and its significance for the population recruitment in three Norwegian fjords.* (Co-supervisor, Marine Biology). Mark C
- 8) Shahaama A. Sattar (2005-2006). *Optimal sex allocation in groupers: do fisheries change sex ratios?* (Fisheries biology). Mark B
- 9) Anders Frugård Opdal (2005-2006) *Diversity in fish communities across the Mid-Atlantic Ridge* (Biological oceanography). Mark B
- 10) Knut Wiik Vollset (2005-2006) *Counter-gradient variation and energy acquisition in larval cod.* (Co-supervisor, Marine Biology). Mark A
- 11) Tian Tian (2005-2006) *Estimating larval fish growth under size-dependent mortality – a numerical estimate of bias.* (Erasmus mundus program). Mark B
- 12) Johanna Myrseth (2006-2007) *Harvesting policies under uncertain stock assessment – what is the value of stock assessment?* Mark A
- 13) Kristian Andvord (2007-2008) *Movement- and dispersal-behaviour of European lobster.* Mark B
- 14) Stian Indrevåg (2009-2010). *Klimavariasjon eller fiske: Hvorfor silda kollapset.* (in Norwegian).
- 15) Terje Alming (2018)
- 16) Solveig Holm Hjelle (2017)

I did not take on new Master students since 2010 first due to a Sabbatical leave to Boston, USA in 2011-2012, and then because of my role as Head of Education in 2012-2015.

PUBLIC OUTREACH

Darwin Day at UiB

Since 2007, I have been involved in organizing the [Darwin Day event at UiB](#) to celebrate Darwin's birthday and rationality in collaboration [with my colleagues Jarl Giske, Sigrunn Eliassen and Christian Jørgensen](#). In 2009, the 150 year anniversary for the 'Origin of species' we developed [a full year program](#) and invited famous scientists from a range of disciplines, including Geoffrey Miller, Daniel Dennett, Peter Hammerstein, Kevin Padian, Michael Ruse.

Communicating evolution and our relationship to other organisms

During the 2009 Darwin year, I developed [a presentation](#) which illustrates and visualizes human evolution and our relationship to the chimpanzee. The core of the story is to turn time into space and generations, starting with a modern human and line generations back in time up along a local road from downtown Bergen to Geilo (where our common ancestor with the chimpanzee is found) and back. I have given this talk at numerous occasions, and recently it is a lecture for [continuing education of teachers](#) at UiB. I share the material with teachers for use in their classes to visualize evolution.