

# Curriculum Vitae – Peter Grønkjær

**Personal data:** born 13.12.67; citizen of Denmark; engaged to Asc. Prof. Rikke Nielsen, 3 boys (14, 20 & 22 years); home address: Toftestien 14, 8250 Egå.

## Education

**Ph.D.:** Dept. of Marine Ecology, Aarhus Universitet, December 1997.

**M.Sc.:** Dept. of Ecology & Genetics, Aarhus Universitet, Denmark, December 1994

## Current Position

Professor, Department of Biology, Aarhus Universitet, Ole Worms Allé 1, 8000 Aarhus C.

## Employment and positions

I have been continuously employed in research positions since 1998 and permanently employed at Aarhus University since 2007.

**2007-19:** Associate professor, Dept. of Marine Ecology, Institute of Biological Sciences, Aarhus University

**2004-07:** Associate professor, Skou-stipend, Dept. of Marine Ecology, Institute of Biological Sciences, Aarhus University (position financed by the Danish Natural Science Research Council). Duties included research, fundraising, teaching and supervision. In addition, I took over the leadership of the Marine Ecology section as a section head.

**2003:** Assistant Associate professor, Steno-stipend, Dept. of Marine Ecology, Institute of Biological Sciences, Aarhus University (position financed by the Danish Natural Science Research Council). Duties included research, fundraising, teaching and supervision.

**2001:** 3 mo. leave from AU to work as scientist at the Danish Institute for Fisheries Research, Dept. of freshwater fisheries, Silkeborg, DK. Project: Stocking of pike for biomanipulation. My task was to analyse survival of stocked juvenile pike and conduct otolith growth analyses to quantify size-dependent mortality.

**1999:** Post-doc at Dept. of Marine Ecology, Institute of Biological Sciences, Aarhus University, DK. Project: Coastal habitats as nursery grounds for juvenile flatfish. My task was to lead a group of one PhD- and 4 M.Sc. students. Together we performed habitat analyses and compared habitat quality to growth and survival of juvenile European flounder. During this period I also developed and taught a course in Fish Biology.

**1998:** Post-doc at Dept. of Biology, Queen's University, Kingston, Canada. 1/9-1998-1/9-1999. Project: Individual-based modelling of recruitment processes in marine fish: the importance of maternal effects, phenotype and environmental variation. My duties were to conduct a range of lab and field investigations into phenotypic variation in larvae and the impact on survival (position financed by the Danish Natural Science Research Council).

**1998:** Research Assistant. Project: Long-term trends in the recruitment success of Baltic cod: implications for fisheries management. Institute for Marine Research, Kiel University, Germany (1 mo). My task was to write up a final report regarding larval distribution and condition in the Baltic Sea.

**1997:** Research Assistant. Project: Growth and genetic population structure in Danish cod stocks. Dept. of Ecology & Genetics, Aarhus University, DK (3 mo). My task was to design and organise sampling of cod for genetic analyses of population structure.

**1996:** Research Assistant: Project: Recruitment processes in cod and haddock: Developing new approaches. Danish Institute for Fisheries Research, Charlottenlund, Denmark (6 mo). My task was to conduct a laboratory rearing experiment with larval haddock and subsequently analyse their otoliths to investigate the growth-temperature relationship of larval haddock.

## Leaves

**2000:** Father leave (0.5 mo); **2001:** Child care leave (4 mo); **2002:** Father leave (0.5 mo); **2003:** Child care leave, (3.5 mo); **2008:** Father leave (0.5 mo); **2009:** Child care leave (2 mo); in **total 11 months**.

## Research

My research is on the ecology of fish and fisheries. Special emphasis is on the population dynamics of both marine and freshwater fish, their physiology, nutritional ecology, growth and reproduction in relation to natural and anthropogenic forcing. I use information stored in otoliths as proxies for growth, metabolism and size, and I explore their chemical composition, especially stable isotopes, to gain insight into the feeding behaviour, movement and physiology of juvenile and adult fishes. I am deeply interested in exploring and understanding how variations and trends in the climate translates into ecosystem changes and interacts with fish phenotypes to determine their survival and productivity. My goal is to contribute to sustainable management of marine ecosystems.

## International relations

I have ongoing research collaboration with a range of international researchers broadly grouped in research related to otoliths and biominerals, and fish ecology and population genetics. List below reflects current international research activities and does not include all international co-authors.

### *Otoliths & biominerals*

Senior Researcher Jane Godiksen (Institute for Marine Research, Bergen), Dr. Jan Dierking (Geomar, Kiel), Asc. Prof. Audrey Darnaude (CNRS, Montpellier), Asc. Prof. Clive Trueman (University of Southampton), Prof. Audrey Geffen (Imperial college, London), Prof. Melita Peharda (IZOR, Split), Prof. Steven Campana (University of Iceland), Asc. Prof. Bryan Black (University of Arizona), Prof. Nico de Bruyn (University of Pretoria).

### *Fish ecology and population genetics*

Prof. Halvor Knutsen & Dr. Per-Erik Jorde (Institute for Marine Research, Flødevigen), Prof. Sanja Matic (IZOR, Split), Prof. Dominique Robert (Université du Québec, Rimouski), Prof. Arild Folkvord (University of Bergen), Director Eilif Gaard (FAMRI, Torshavn), Dr. Szymon Smolinski (Institute for Marine Research, Bergen), Prof. Yassir Edén Torres Rojas (Universidad Autónoma de Campeche).

## Leadership & administration

**2017-:** Vice-chair of the Danish Centre for Marine Research (DCH). DCH is owned by all Danish Universities. The aim is to support Danish marine research by granting funds for shiptime and coordinate the use of marine research vessels and infrastructure.

**2014-:** Head of Aurora ship operations group, AU. My duties include being responsible for the Dean and Department Head with regard to ship personnel (3 permanent, 2-4 part time), economy (4 mio DKK/y) and operations. In close collaboration with the captain of the vessel, I coordinate cruise and maintenance plans, and together with the 4 person ship group we decide on future investments and upgrades.

**2012-17:** Head of Aquatic Biology Section, Dept. of BioScience, AU. As section head I was responsible for personnel (9 VIP, 6 technical staff, 4-6 post-docs, 4-8 phd & 15-20 M.Sc. students), including conducting Staff Development Dialogues with technical staff, post-docs and PhD-students. I was responsible for the economy and overall strategy of the section, including funding strategies. I was responsible for the teaching and allocation of resources to teaching.

**2015:** 3\*2 days "Section Head" course by Learn2Lead. Themes: good leadership, conflict handling, communication, power to influence, coaching and personal efficiency.

**2006-10:** Head of Marine Ecology Section, Dept. of Biology, AU. As section head I was responsible for personnel (5 VIP, 4 technical staff, 1-2 post-docs, 2-3 phd & 15-20 M.Sc. students/y), including conducting Staff Development Dialogues with technical staff, post-docs and PhD-students. I was responsible for the economy and overall strategy of the section, including funding strategies. In 2009, I was responsible for relocating the entire section from the off campus location to a new location at campus.

**2009-14:** Head of the project group responsible for the design and building of a new 30 m research vessel. I coordinated the successful national application for funding. Subsequently, I headed the group of 5 scientists responsible for designing and overseeing the building and deployment of the vessel. The vessel was delivered on time and for the contractually agreed price.

**2008-9:** Coordinator of a group of scientists from of all Danish Universities, the Ministry of Defence, and several governmental institutions responsible for establishment of Danish Centre for Marine Research. Duties

included meetings with officials from the Ministry of Higher Education and Science to secure support and funding. Secondly, I was responsible for writing the business plan for the Danish Centre for Marine Research.

**Project coordination (since 2000) - (only larger multi investigator projects, see "Funding" for all projects)**

**2019-22:** EHFF (EU) Project: Guarding future mussel aquaculture in Danish waters. Project lead for a project group of 2 engineers and 4 biologists developing an autonomous jet-boat to scare of common eiders from musselfarms.

**2018-:** WP-lead at the Arctic Research Center. One of 7 WP leads responsible for running the ARC research & teaching activities (WP2 Cryosphere and Oceans).

**2015-17:** DeepFuncEcol I & II - Functional diversity and ecology of Norwegian Trench communities. Project and cruiseleader for two major campaigns involving in total 12 scientists and 6 students from Aarhus and Copenhagen University.

**2015-17:** ECOLINK - The ecohistory of marine ecosystems: Linking ecological and geological timescales. AU synergy project with Dept. of Geoscience and Dept. of Physics & Astronomy. Group consisting of 4-7 VIP's, 3-5 technical staff and 6 M.Sc.-students.

**2010-13:** WP-leader (1 of 3) and Leadership group in the Interreg IV project "Sea-meets-Land. WP 3 Climate had 15-20 participants. I was responsible for the coordination of the work, the deliverables (analyses & reports) and the contact to the other WP-leaders and the management.

**2006-10:** Time series of cod otolith microchemistry: a record of environmental and population changes in the North East Atlantic. Coordinator of a Nordic Council of Ministers funded project with fisheries institutions and universities in Greenland, Iceland, Faroe Islands, Norway and Denmark.

**2006-10:** Construction and use of 100 y growth chronology of cod. Coordinator of a Nordic Council of Ministers funded project involving fisheries institutions and universities in Greenland, Iceland, Faroe Islands, Norway and Dk.

**2003-7:** Environment-phenotype interactions and selective processes in larval fish, Danish Research Agency. Coordinator of the work of 1 post-doc, 1 phd and 3 students.

**2000-4:** Coastal areas as nursery ground for flatfish, Ministry of food, agriculture and fisheries. Coordinating the work of 1 phd and 4 M.Sc. students as well as collaboration with the Danish Institute for Fisheries Research.

**Teaching and Supervision**

**Current:**

1 M.Sc.

**Graduated candidates:**

85 M.Sc. candidates (> 1 every 3 months)

**Research training**

11 PhD candidates (5 main & 6 co-supervised)

9 Post-docs

**Teaching**

|                                    |                     |
|------------------------------------|---------------------|
| Laboratory exercises and colloquia | 973 classroom hours |
| Lectures                           | 496 hours           |
| Fieldwork                          | 590 hours           |
| Phd-course                         | 7-day off campus    |

**Teacher training & courses**

2016-18: 3 1-day workshops on course planning, supervision and small class teaching.

2008: Course in research supervision. 2 days, Sandbjerg, AU.

2001: Course in university teaching for adjuncts and supervisors. 3 days, Sandbjerg, AU.

### Industrial and public sector collaboration

- 2019-: Development of autonomous jet-boat to scare of common eiders from musselfarms with Skylevel.
- 2018-: Development of automated plastic recovery system from rivers with SeaProtectorOne & All-in on Green.
- 2012-15: Collaboration with the Greenland Institute of Natural Resources and the HomeRule of Greenland on the management of inshore and offshore cod. Research led directly to increased quotas on inshore cod.
- 2010-14: WP-lead (Climate) in EU-Interreg IV. Project: Hav møder Land (eng. Sea meets Land). The project group consisted primarily of employees from different levels of local and regional administration in Norway, Sweden and Denmark, who implemented knowledge from our WP into local and regional climate adaption strategies.
- 2005-: Consultancy work for public and private sector primarily involved in evaluation and guidance of environmental monitoring. Collaborators include Fehmern Belt Consortium, Forest and Nature Agency, Danish Energy Agency, NIRAS, Vattenfall, DONG.
- 2003-10: As a member of IAPEME (International Advisory Panel of Experts in Marine Ecology, formed by Danish Energy Agency) I reviewed 10-12 major reports on the effect of offshore windfarms on fish communities as well as proposed additional research.
- 2003-05: Development of MicroRespiration equipment with Unisense A/S.

### Studies and research stays abroad

- 2018:** Visiting scientist, Institute of Oceanography and Fisheries, Split, Croatia (8-days). (Prof. Melita Peharda).
- 2005:** Visiting scientist, Scripps Institution of Oceanography, La Jolla, CA, 12 mo. (Prof. David Checkley).
- 1999:** Visiting scientist, Dept. of Fisheries & Oceans, St. Johns, Newfoundland, Canada, 2.5 mo. (Research scientist Pierre Pepin).
- 1998:** Post-doc, Dept. of Biology, Queen's University, Kingston, Canada. 1/9-1998-1/9-1999 (Prof. Bill Leggett).
- 1998:** Visiting scientist, Dalhousie University, Nova Scotia, Canada, 1 mo. (Prof. Chris Taggart).
- 1998:** Visiting scientist, National Marine Fisheries Service, Narragansett, Rhode Island, USA, 0.5 mo (Research scientist Elaine Caldarone).
- 1994:** PhD-student, Institute for Marine Research, Kiel University, Germany, 6 mo (from 1994-1997).
- 1990:** Student and research assistant, Tromsø University, Norway, 14 mo.

### Invited talks & keynotes

- 2022 Keynote. RespFest2, Rimouski, Québec, May 24-25<sup>th</sup>. Title: Everything fish physiologists wanted to know about fish otoliths.
- 2019 Keynote. 5<sup>th</sup> International Sclerochronology Conference, Split, Croatia, June 16-20<sup>th</sup>. Title: Growth, Bioenergetics and Ecosystems.
- 2018 Invited talk. Institute for Oceanography and Fisheries, Split, Croatia, September 16<sup>th</sup>. Title: New, - and some old, tools for investigating the impact of environmental change on fish population dynamics.
- 2018 Invited talk. Institute for Oceanography and Fisheries, Split, Croatia, September 17<sup>th</sup>. Title: Stable isotopes in marine and fisheries ecology
- 2018 Invited talk. Institute for Marine Research, Bergen, Solstrand, May 15<sup>th</sup>. Title: New use of otoliths: Individual records of trophic ecology and field metabolic rates.
- 2018 Invited talk. Institute for Marine Research, Bergen, Solstrand, May 15<sup>th</sup>. Title: How big is your mother?
- 2018 Invited talk. DTU Aqua, Lyngby, May 12<sup>th</sup>. Day of the cod. Title: Field metabolic rates estimated from otolith isotopes
- 2015 Invited talk: CodChron Kick-off meeting, Akvaplan-niva, May 12-14<sup>th</sup>, Bergen. Title: Cod chronologies from Greenland - what has already been done.
- 2014 Keynote. 5<sup>th</sup> Otolith symposium, Mallorca. Title: Otoliths as individual indicators.

- 2014 Invited talk. ICES Workshop on Growth-Increment in Marine Fish: Climate-Ecosystem Interactions in the North Atlantic (WKGIC), Hamburg December 12th. Title: Changes in growth and trophic position of cod.
- 2013 Invited talk. Farewell seminar Keith Brander, DTU Aqua, Charlottenlund January 13th. Title: Taking the bait – a young scientist lured into the cod business.
- 2010 Invited talk. Institute seminar, Greenland Institute of Natural Resources, Nuuk September 15th Title: Tracking growth and trophic position of North Atlantic cod during the last century using otoliths
2009. Invited talk. Interreg KASK - inspiration workshop. Gothenburg, October 6th Title: Consequences of climate change for the sea and coastal areas.
- 2009 Invited talk. Workshop on climate and ocean currents and their impact on the biology of Faroese waters. Torshavn, Faroe Islands, June 23rd. Title: Otolith based time-series of cod growth and trophic position.
- 2008 Invited talk. Institute seminar, Institute for Hydrobiology and Fisheries Science, University of Hamburg, May 28th Title: Otoliths - going beyond size and age.
- 2007 Invited talk. Regional Development Program workshop, Ålborg May 31st. Title: Climate change – challenges and opportunities for Northern Jutland
- 2007 Keynote. Interreg IVA - Kick off conference, Gøteborg, November 29th. Title: The impact of climate change on the Kattegat-Skagerrak region.
- 2007 Invited talk. Forum Skagerrak Final Conference, Skagen April 23<sup>rd</sup>. Title: The most important environmental challenges in the Kattegat-Skagerrak area – a strategy and concrete suggestions for future collaboration between Denmark, Norway and Sweden.
- 2007 Invited talk. Baltic Seabreeze, Palanga, Lituania, September 27th Title: The Baltic Sea – a sensitive marine ecosystem.
- 2006 Invited talk. Marine Awareness – Baltic Seabreeze, Gøteborg, September 19th Title: Marine Ecology - global, regional and local challenges in the 21st century.
- 2005 Invited talk. Seminar, DIFRES, Hirtshals May 20th. Title: The search for the perfect fish larva.
- 2005 Invited talk. Læsø Commune and Pilot project Nature park Læsø. April 21st. Title: The nature in marine national parks.
- 2005 Invited talk. Briefing Bill symposium, Quebec City, Canada, October 27-31. Title: The perfect fish larva.
- 2004 Invited talk. Workshop the nature in the future national parks. The Danish Forest and Nature Agency, November 29th. Title: Marine national parks – coast and sea.
- 2004 Invited talk. Danish Society for Nature Conservation. November 11th. Title: The nature under the surface.
- 2003 Invited talk. Fiskeplejens dag. Ferskvandcenteret, Silkeborg, March 15th. Title: Habitats for juvenile flatfishes.
- 2003 Invited talk. Danish Society for Marine Biology, København, December 4th. Title: The importance of stone reefs for the marine fish fauna.
- 2002 Invited talk. Marine Biological Laboratory, KU, Helsingør November 22nd. Title: Phenotypical selection of fish larvae: The right larvae at the right place.
- 2002 Invited talk. Focus on Whales – Harbour porpoise seminar, University of Southern Denmark, Odense November 23rd. Title: How about the fish – the prey of harbour porpoises?
- 2000 Invited talk. Themeday on Baltic cod. DIFRES, Charlottenlund and Danish society for Marine Biology. Title: "The Baltic cod recruitment process: Larval survival in a stratified environment.

**In addition to these I have 30+ contributed talks at various conferences and symposia.**

### Organization of larger conferences

- Organizer Baltic Sea Science Conference, BSC2021, Aarhus University, 14-18 June 2021. 140 participants.
- Organizer 16. Danske Havforsker møde (Danish Marine Scientists meeting). Fuglsø Centeret 18-20 January 2016. Ca 250 participants.
- Organizer 12. Danske Havforsker møde (Danish Marine Scientists meeting). Aarhus University 18-20 January 2002. Ca 300 participants.
- Overall chairman of the ICES Young Scientist Conference on Marine Perspectives. An inter-disciplinary conference for 110 young scientists from 26 countries. Gilleleje, Denmark 20-24 November 1999.

### Review and opponent activities

#### PhD opponent

Opponent at 20 PhD-defences at Copenhagen University, Danish Technical University, University of Southern Denmark, Roskilde University, University of the Faroes, Torshavn; University of Tromsø, Norway, University of Bergen, Norway, Swedish University of Agricultural Sciences, Öregrund, Sweden; Queens University, Ontario, Canada.

#### Reviewer for 23 international journals.

Global Change Biology, Journal of the Marine Biological Association, Marine Ecology Progress Series, Canadian Journal of Fisheries and Aquatic Sciences, Journal of Fish Biology, Journal of Experimental Marine Biology and Ecology, ICES Journal of Marine Science, Marine Biology, Journal of Applied Aquaculture, Journal of Sea Research, Aquaculture, Fisheries Research, Fisheries Oceanography, Estuarine Coastal and Shelf Science, Marine Biology Research, Heredity, Marine & Freshwater Research, PLOS One, Symmetry, Aquatic Living Resources, Rapid Communications in Mass Spectrometry, Journal of Marine Systems, Marine Environmental Research, Ecological Indicators.

#### Reviewer for research grants

Welsh Government, SER CYMRU II – Fellowships.  
DFG, Germany.  
Eurostars.  
NAFOSTED – Vietnamese Research Council.  
Faroese Research Council.  
Eurofleets.  
Canada Foundation for Innovation.

#### Reviewer for academic positions

Reviewer for 21 senior researcher and associate professor positions in Denmark, Greenland, Faroe Islands and Germany.

### Honours and memberships

- AU representative in the Horizon Europe reference group for "Food, bio-economy, natural resources, agriculture and environment" (2020-)
- Vice-chair Danish Centre for Marine Research (2017-)
- Member of Advisory Board of Arctic Research Centre, Aarhus Universitet (2012-14)
- Member of DNO (Danish National Council for Oceanology) (2008-15)
- Member of IAPEME (International Advisory Panel of Experts in Marine Ecology) (2003-10)

### Shiptime (total 12+ months on research vessels)

RV Johan Ruud (Norway), ca 40 m, total 1 wk in Norwegian Sea

RV Alkor (Germany), 55 m, total 4 months in the Baltic

RV Dana (Denmark), 78 m, total 2 months in the Baltic and Western Greenland

RV Parizeau (Canada), 64 m, total 3 wks on Grand Banks

RV Shamook (Canada), 24 m, total 2 wks in Conception Bay

RV Robert Gordon Sproul (USA, CA), ca 40 m, total 1 wk in the California Current  
RV David Starr Jordan (USA), 52 m, total 2 wks in the California Current  
FRV Vædderen (Denmark), 110 m, total 5 wks in the Indian Ocean  
RV Genetica (Denmark), 15 m, total 2 mo in Aarhus Bay (cruiseleader)  
RV Sanna (Greenland), 32 m, total 2 wks in West Greenland (cruiseleader)  
RV Aurora (Denmark) 28 m, 14 wks in Skagerrak & North Sea (cruiseleader)

## Grants

**Only grants in which I have had a major influence on the project formulation and application.  
\*Personal or project where I am the coordinator/WP-coordinator. My share is ca. 24.8 million  
dkk + 30 mio dkk infrastructure grant.**

**2022:** \*Independent research fund Denmark, Project: A metabolic squeeze on marine fish: Does the field metabolic rate limit the geographic distribution of fish populations? (2.9 mio DKK)

**2019:** \*EHFF (EU) Project: Guarding future mussel aquaculture in Danish waters (1.4 mio DKK)

**2019:** EU-Interreg IV. Project: MarGen II. (Total 12 mill. DKK, share 1.5 mill DKK.).

**2018:** \*Elisabeth og Knud Petersens Foundation: Project: How big is your mother? (70.000 DKK)

**2016:** \*AUFF visiting researcher grant (0.12 mio DKK)

**2016:** \*EU-MSCA. Project: OTOLOG (1.5 mio DKK)

**2016:** \*EU-MSCA. Project: FIMAF (1.5 mio DKK)

**2015:** \*AU synergy. Project Ecolink (0.48 mio DKK)

**2015:** EU-Interreg IV. Project: MarGen. (Total 14 mill. DKK, share 1.2 mill DKK.).

**2015:** \*Danish Center for Marine Research. Shiptime grant (0.38 mill DKK)

**2013:** \*Elisabeth og Knud Petersens Foundation. Multinet (0.3 mill DKK.)

**2013:** \*Danish Center for Marine Research. Shiptime grant (0.25 mill DKK)

**2011:** \*Elisabeth og Knud Petersens Foundation. Micromill (80.000 DKK.)

**2010:** \*EU-Interreg IV. Project: Hav møder Land (eng. Sea meets Land). WP1 coordinator (Total 13.5 mill. kr, share 0.65 mill DKK.)

**2009:** Greenland Climate Research Center. Project: The Atlantic cod – past, present and future (share 0.5 mill DKK.)

**2009:** \*The Carlsberg Foundation. Project: Revealing trophic changes in aquatic ecosystems during the last 100 years using stable isotopes from the organic matrix of fish otoliths (0.13 mill. DKK.)

**2009:** \*The Danish Agency for Science, Technology and Innovation. Project: A 25 meter multi-purpose research vessel: Adding new potential to Danish marine science. (30 mio DKK)

**2008:** The Danish Strategic Research Council. SUNFISH, PhD-project (1.2 mill. DKK.)

**2008:** \*The ministry of science, technology and innovation. Establishment of the Danish Centre for Marine Research (0.9 mill. DKK.)

**2007:** \*Nordic Council of Ministers. Construction and use of 100 y growth chronology of cod, Coordinator (0.8 mill. DKK.)

**2006:** \*Nordic Council of Ministers. Project: Time series of cod otolith microchemistry: a record of environmental and population changes in the North East Atlantic (0.4 mill. DKK.)

**2005:** \*Travel grant, Danish Natural Science Research Council (0.15 mill. kr).

**2005:** Carlsberg Foundation. A field study of the influence of large individuals for the reproductive success in marine fish stocks. Post-doc grant for Anders Bang (0.5 mill. DKK.).

**2005:** \*Nordic Council of Ministers. Construction and use of 100 y growth chronology of cod – pilotproject, Coordinator (0.4 mill. DKK.)

**2005:** \*Elisabeth og Knud Petersens Foundation. Oxygen measurement equipment (28.000 DKK.)

- 2004:** \*Elisabeth og Knud Petersens Foundation. Water chillers (46.000 DKK.)
- 2004:** FISHNET post-doc grant and full professor grant (co-financed with Danish Institute for Fisheries Research). Danish Veterinary and Agricultural research council (Aarhus University share 0.9 mill. DKK.)
- 2004:** \*Skou-stipend. Danish Natural Science Research Council (2.2 mill. DKK.)
- 2003:** \*Elisabeth og Knud Petersens Foundation. Oxygen electrodes (36.000 DKK.)
- 2003:** \*Steno-stipend. Danish Natural Science Research Council (0.5 mill. DKK.)
- 2002:** \*Elisabeth og Knud Petersens Foundation. Oxygen measurement equipment (40.000 DKK.)
- 2002:** \*Aarhus County – Ichthyoplankton research grant (56.000 DKK.)
- 2001:** \*Elisabeth og Knud Petersens Foundation. Oxygen measurement equipment (44.000 DKK.)
- 2000:** \*Elisabeth og Knud Petersens Foundation. Plankton nets (40.400 DKK.)
- 2000:** \*Danish Veterinary and Agricultural Research Council. Ph.d.-project. (1.3 mill. DKK.)
- 1999:** \*Post-doc grant from Natural Science Research Council, Denmark & Prof. W.C. Leggett, Queen's University. (0.4 mio DKK). Declined.
- 1998:** \*Post-doc grant from Natural Science Research Council, Denmark. (0.4 mio DKK)
- 1995:** Ministry of Fisheries & Agriculture, Denmark. Project: Genetic population structure of Danish cod populations. V. Loeschcke, P. Grønkjær, M. M. Hansen & E. E. Nielsen. 2 mio DKK (share 0.15 mio DKK)
- 1995:** \*Ph.d. grant from the Natural Science Research Council, Denmark. 0.8 mill DKK, Part B.
- 1993:** \*Ph.d. grant from the Faculty of Natural Sciences, Aarhus University, 0.3 mill DKK, Part A.