

CV - RASMUS ERN

PERSONAL INFORMATION

NAME	Rasmus Ern	BORN	January 16 th 1981
E-MAIL	rasmus@ern.dk	NATIONALITY	Danish
PHONE	(+45) 2244 8961	LANGUAGES	Danish and English
TWITTER	@rasmusern	MARITAL STATUS	Married with one child
ADDRESS	Department of Biology, Faculty of Natural Sciences, Norwegian University of Science and Technology. Høgskoleringen 5, 7034 Trondheim, Norway.		

POST-DOCTORAL POSITIONS

Norwegian University of Science and Technology, Department of Biology, Norway.

Jan 2023 – c.d. Marie Skłodowska-Curie Actions Fellowship, hosted by Dr Fredrik Jutfelt.

Feb 2022 – Dec 2022 Paternity leave (100%).

Sep 2021 – Jan 2022 Marie Skłodowska-Curie Actions Fellowship, hosted by Dr Fredrik Jutfelt.

Aalborg University, Department of Chemistry and Bioscience, Denmark.

Aug 2017 – Aug 2021 Fellowship with Dr Niels Madsen.

University of Texas at Austin, Marine Science Institute, United States.

Jul 2016 – Jun 2017 Carlsberg Foundation Internationalisation Fellowship, hosted by Dr Andrew Esbaugh.

Jan 2014 – Jun 2016 Fellowship with Dr Andrew Esbaugh.

DEGREES

Jan 2014	PhD in Zoophysiology - Department of Bioscience, Aarhus University, Denmark.
Dec 2008	MSc in Zoophysiology - Department of Bioscience, Aarhus University, Denmark.
Jan 2006	BSc in Biology - Department of Bioscience, Aarhus University, Denmark.

AWARDS AND HIGHLIGHTS

2023	Invited paper in <i>Physiology</i> featured on the Journal cover (Reprint 1).
2019	Single-authored paper in <i>Philosophical Transactions B</i> (Reprint 2).
2017	Young Scientist Award Runner Up at the Society for Experimental Biology Annual Meeting.
2016	Publish novel metric for quantifying the oxygen dependence of thermal tolerance (Reprint 3).

FELLOWSHIPS AND GRANTS

2019	Individual postdoctoral grant, Marie Skłodowska-Curie Actions.	€202,200
2019	Research visit grant for Hawaii, Company of Biologists.	€3,000
2015	Individual postdoctoral grant, Carlsberg Foundation.	€47,300
2015	Research visit grant for Australia, Company of Biologists.	€2,800
2010	Ph.D. scholarship, Danish International Development Agency.	€297,000
2007 – 2019	Travel grants for international conferences and workshops (10 in total).	€5,900
TOTAL:		<u>€558,200</u>

RESEARCH VISITS & FIELDWORK

2022	Kristineberg Center for Marine Research, Norway.	8 weeks
2017 – 2021	Commercial Fishing Vessels from Sletten, Langø, and Korsør, Denmark.	10 weeks
2019	Johansen Fish Resilience Lab, University of Hawaii, United States.	8 weeks
2016	Palmer Station, Antarctica.	5 weeks
2016	Lizard Island Research Station, Australia.	5 weeks
2016	Research Vessel Laurence M. Gould.	2 weeks
2007 – 2013	College of Aquaculture and Fisheries, Can Tho University, Vietnam.	20 months

TEACHING EXPERIENCE

PEDAGOGICAL TRAINING COURSES

2021	University Pedagogy for Assistant Professors.	AAU
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SUPERVISION AND MENTORING

2023 – c.d.	Moa Metz, PhD student.	NTNU
2022 – c.d.	Lorena Silva Garay, PhD student.	NTNU
2021	Nathalie Folliard, Erasmus students.	NTNU
2017 – 2018	Katrine Molbo, Graduate student.	AAU
2017	Julia Small, Undergraduate student.	UT Austin
2015 – 2016	Kevin Pan, Undergraduate student.	UT Austin
2012	Anders Jensen, Undergraduate student.	AU

LECTURES

2021 – c.d.	Animal Structure and Function; Animal Ecophysiology; Human Anatomy and Physiology; Special Zoophysiology.	NTNU
2018, 2019	Global Change Biology; Limnology; Botany and Plant Physiology.	AAU
2016	Comparative Animal Physiology.	UT Austin

FIELD COURSE

2021 – c.d.	Field course (1 week) in experimental ecophysiology at the Sletvik Field Station.	NTNU
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LABORATORY

2021 – c.d.	Laboratory exercises in Animal Ecophysiology.	NTNU
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ASSISTANT

2012, 2013	Laboratory and theoretical exercises in General Physiology.	AU
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PROFESSIONAL SERVICES

DEPARTMENTAL AND SOCIETY

2023 – c.d	Post-doc representative at the Research Committee of Department of Biology, Norwegian University of Science and Technology, Norway.
2021, 2023	Member of hiring committee for PhD fellowship positions (Moa Metz, Lorena Silva Garay).
2020	Member of organising committee for the 2021 Danish Marine Science Meeting (cancelled due to the COVID-19 pandemic).
2018	Head of organising committee for Career Development Seminar for PhD students and Postdocs at Department of Chemistry and Bioscience, Aalborg University, Denmark.
2017 – 2020	Preprint Highlight Selector for The Company of Biologists.
2017	Chair for Fish and Fisheries session at Texas Bays and Estuaries Meeting, University of Texas at Austin, United States.
2016, 2017	Judge at Poster Session at Texas Bays and Estuaries Meeting, University of Texas at Austin, United States.

JOURNAL REFEREE

J Exp Biol.	Conserv Physiol.	Environ Biol Fish.	J Crustac Biol.	Mar Biol.
J Therm Biol.	Coral Reefs.	Fish Fish.	J Exp Mar Biol Ecol.	Mar Biol Res.
Biol Lett.	Ecol Indic.	Funct Ecol.	J Fish Biol.	Proc Royal Soc B.
Can J Zool.	Ecol Res.	Hydrobiologia.	J Therm Biol.	Sci Rep.

Fish Physiology Book Series.

COMMUNICATION

MEDIA MENTIONS

2018	Discard of plaice: Dead or alive.
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[AktuelNaturvidenskab.dk](https://aktuelt.naturvidenskab.dk)

- 2018 Silly rules: When Bent Knudsen catches a small plaice, he is not allowed to save it by releasing it back into the ocean. Politikken.dk
- 2015 Danish scientists: Error in established climate model. Videnskab.dk

ORAL PRESENTATIONS

- 2023 Society for Experimental Biology, Annual Main Meeting (*Edinburgh, Scotland*).
- 2021 Society for Experimental Biology, (*Virtual Conference*).
- 2018 Society for Experimental Biology, Annual Main Meeting (*Florence, Italy*).
- 2017 Society for Experimental Biology, Annual Main Meeting (*Gothenburg, Sweden*).
- 2017 Society for Integrative & Comparative Biology, Annual Conference (*New Orleans, Louisiana, US*)
- 2016 American Fisheries Society: 12. International Congress on the Biology of Fish (*San Marcos, Texas, US*).
- 2015 Society for Experimental Biology, Annual Main Meeting (*Prague, Czech Republic*).
- 2015 Gulf of Mexico Research Initiative Meeting (*Miami, Florida, US*).
- 2015 Texas Bays and Estuaries Meeting (*Port Aransas, Texas, US*).
- 2014 Gulf Estuarine Research Society Biennial Meeting (*Port Aransas, Texas, US*).
- 2013 Society for Experimental Biology, Annual Main Meeting (*Valencia, Spain*).
- 2011 VIII Nordic Comparative Physiology conference (*Hirtshals, Denmark*).

POSTER PRESENTATIONS

- 2022 Society for Experimental Biology, Annual Main Meeting (*Montpellier, France*).
- 2019 Society for Experimental Biology, Annual Main Meeting (*Seville, Spain*).
- 2019 20th Danish Ocean research meeting (*Odense, Denmark*)
- 2018 ICES–FAO, Working Group on Fishing Technology and Fish Behaviour, Annual Main Meeting (*Hirtshals, Denmark*).
- 2015 Society for Experimental Biology, Annual Main Meeting (*Prague, Czech Republic*).
- 2014 American Physiological Society Intersociety Meeting: Comparative Approaches to Grand Challenges in Physiology (*San Diego, California, US*).
- 2013 Society for Experimental Biology, Annual Main Meeting (*Valencia, Spain*).
- 2013 Conference on Conservation Physiology of Marine Fishes (*Olhão, Portugal*).
- 2012 Conference on Conservation Physiology of Marine Fishes (*Pula, Croatia*).
- 2011 Society for Experimental Biology, Annual Main Meeting (*Glasgow, United Kingdom*).
- 2007 Society for Experimental Biology, Annual Main Meeting (*Marseille, France*).

CERTIFICATES

Laboratory Animal Science Certificate (FELASA Category B).

Drivers Licenses (European Union, Class B and BE).

Power Boat License for boats up to 15 metres (Danish Maritime Authority).

Diving Certificate (PADI Advanced Open Water).

REFERENCES

Prof. Fredrik Jutfelt, Post-doctoral advisor.
Department of Biology, Norwegian University of Science and Technology, Norway.
Phone: (+47) 9130 5418, Mail: fredrik.jutfelt@ntnu.no

Assoc. Prof. Andrew J Esbaugh, Post-doctoral advisor.
Department of Marine Science, University of Texas at Austin, United States.
Phone: (+1) 361 749 6835, Mail: a.esbaugh@austin.utexas.edu

Prof. Tobias Wang, PhD supervisor.
Department of Bioscience, Aarhus University, Denmark.
Phone: (+45) 8715 5998, Mail: tobias.wang@bios.au.dk