

Jakob Wiil, MSc

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ACADEMIC QUALIFICATIONS

- 2024- PhD: Evolutionary Biology, University of St Andrews (Supervisor: Dr Natalie Pilakouta)
- 2021-2023 MSc: International Master of Biodiversity Ecology and Evolution, Rennes University (Supervisor: Dr Hervé Colinet) & Aarhus University (Supervisor: Dr Jesper Givskov Sørensen) ***First class distinction***
- 2018-2021 BSc: Biology, Aarhus University (Supervisor: Dr Jesper Givskov Sørensen)
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HONOURS & AWARDS

- 2026 Staff nominated demonstrator award - for commitment to high-level teaching and support (£250)
- 2025 3rd best poster (ASAB Spring, Liverpool John Moores University)
- 2025 Lektor Arne Harritsø's grant, awarding 50,000 DKK for exceptional alumni of Rybners Gymnasium
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GRANTS

- 2026 Society of Experimental Biology travel grant (£250)
- 2026 Royal Entomological Society's student outreach grant: St Andrews botanical garden bioblitz (£500)
- 2025 Company of Biologist travel grant (£400)
- 2025 Session A14 (SEB) student travel grant (£200)
- 2025 The Association for the Study of Animal Behaviour travel grant (£500)
- 2025 Travel /Accommodation for Winter School in Interdisciplinary Biodiversity Ca' Foscari University
- 2022 ERASMUS+ grant for Master studies abroad (39,000 DKK)
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MANUSCRIPTS IN REVIEW OR IN REVISION

- [4] **Wiil, J.**, Judas, C.,, Pilakouta, N., (2026). Heat and heritage: independent and combined effects of inbreeding and thermal stress on maternal investment and reproductive success.
- [5] **Wiil, J.**, Pilakouta, N., (2026). Cold Feet: Prolonged Cold Suppresses Reproduction Without Altering Cold Tolerance in an Insect

JOURNAL ARTICLES

- [1] **Wiil, J.**, Sørensen, J. G., & Colinet, H. (2023). Exploring cross-protective effects between cold and immune stress in *Drosophila melanogaster*. *Parasite*, 30, 54.
* Paper categorized as being of *Outstanding interest* in the review: Boardman, L. (2024). "Cross-talk between low temperature and other environmental factors." *Current Opinion in Insect Science* **63**: 101193.
- [2] **Wiil, J.** & N. Pilakouta (2026). Early-life thermal stress reduces survival but has no long-term effects on reproduction in an insect. *Journal of Thermal Biology* 136: 104420.
- [3] **Wiil, J.**, Morelle, S & N. Pilakouta. (2026). From first to second: Does chronic thermal warming impact parental investment decision. (PREPRINT)

PUBLIC ENGAGEMENT & SCIENCE OUTREACH

- 2026 Invited speaker for the Enterprise and Entrepreneurial Education Pecua Kucha event.
- 2026 Presented third thesis chapter at the weekly "Friday Lab chat" at the school of biology

2026	Invited speaker at the the Biology demonstrator training workshop.
2026	Invited speaker at the Future researchers event hosted by St Andrews University
2026-	INaturalist Ambassador (Citizen science platform)
2026	Presented first/second experimental chapters at The European Thermal Fertility Network seminar series
2026	Presented second thesis chapter at the weekly “Friday Lab chat” at the school of biology
2026-	St Andrews botanical garden bioblitz event: Coordinating, planning and running the event.
2026	Inaugural presenter of the Lektor Arne Harritsø’s Grant at the annual award ceremony.
2025	Presented first thesis chapter at the weekly “Friday Lab chat” at the school of biology
2025-	CBD rewilding project, St Andrews university, UK
2022	Student guide at the Mols laboratory rewilding site, Denmark
2022	Invited expert for the podcast project: “Why biodiversity”
2021	Arthropod/Bee-hotel workshop: “How do we safeguard urban biodiversity”, Aarhus, Denmark
2020-2022	Co-founder of “ByenBlomstre” an urban naturalist association as a part of a founded public education project about city nature, rewilding and biodiversity.

WORKSHOPS/CONFERENCES ATTENDED

2026	Behaviour Special Interest Group (SIG) 2026: Novel techniques and approaches in insect behaviour studies, Birmingham (Online)
2025	Winter School in Interdisciplinary Biodiversity at Ca’ Foscari University, Venice, Italy

CONTRIBUTED CONFERENCE TALKS/POSTERS/CHAIR

Posters:

2026	The Society for Experimental Biology (SEB) conference, Florence, Italy
2026	Postgraduate Research (PGR) Conference, St Andrews, Scotland
2025	The Society for Experimental Biology (SEB) conference, Antwerp, Belgium
2025	The Royal Entomological Society's (RES) annual meeting, Glasgow, Scotland
2025	The Association for the Study of Animal Behaviour (ASAB) spring meeting, Liverpool, England

Talks:

2026	The European Conference of Entomology (ECE), Tours, France
2025	Postgraduate Research (PGR) Conference, St Andrews, Scotland

Chair:

2026	Chaired the first session (General) - Postgraduate Research (PGR) Conference, St Andrews, Scotland
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EDITORIAL WORK & PEER REVIEW

2025-2029	Panel member & reviewer for the School of Biology’s REF2029 outputs, St Andrews University
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Peer Review – Journal Articles [4]:

- Proceedings of the Royal Society B [2]
- BMC Zoology [2]
- Journal of Thermal Biology [1]
- Behavioral Ecology [1]

PROFESSIONAL ACTIVITIES

2026 -	ECR representative position for leadership team in The European Thermal Fertility Network
2021-2023	Student research assistant involved identification of terrestrial arthropods for a country wide biodiversity project, Department of Biology, Aarhus University.

SOCIETIES

- Association for the Study of Animal Behaviour (ASAB)
- Royal Entomological Society (RES)
- The Society for Experimental Biology (SEB)
- British Ecological Society (BES)
- The European Thermal Fertility Network (ESEB Special Topics Network)

- Thermal Ecology Alliance (TEA)
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STUDENT SUPERVISION & MENTORING

University of St Andrews:

2025-2026 Supervision of BSc student Nicholas Parlamis
2025 Supervision of MSc student Claire Judas (Internship from Rennes University)

University of Aarhus:

2019-2022 Tutor for incoming students at the School of Biology (years: 2019, 2020 and 2021)
2019-2021 Mentor position for 1st year students at the School of Biology (years 2020 and 2021)

TEACHING EXPERIENCE

2026 Demonstrator in the courses “Mathematical and Statistical Modelling for Biologists” & “Research Methods in Biology”, St Andrews University
2026 Demonstrator and stand-in lead lecturer in the course “Animal Behaviour”, St Andrews University
2025 Demonstrator in the courses “Invertebrate zoology” & “Evolutionary biology”, St Andrews University
2025 Demonstrator in the course “Biology II”, St Andrews University
2024-2025 Demonstrator in the course “Quantitative Ecology”, St Andrews University
2021-2023 Student teacher (Instructor) in the course “Zoology-Eukaryotes”, Aarhus University

TEACHING WORKSHOPS & SEMINARS ATTENDED

2025 “Teaching at St Andrews: an introduction”
2025 “Student services: supporting students and teachers”
2025 “Assessment and academic misconduct: an introduction”
2025 “School of Biology - Demonstrator feedback and training”
