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EDUCATION AND EMPLOYMENT

05/2023 – present	Research Associate , Bielefeld University, Germany
03/2021 – 04/2023	Alexander von Humboldt postdoctoral fellow , Institute of Avian Research, Germany
09/2018 – 11/2020	Marie Skłodowska Curie postdoctoral fellow , Centre of Evolutionary and Functional Ecology, France
09/2013 – 06/2018	PhD in evolutionary and behavioural ecology, Max Planck Institute for Ornithology and Ludwig-Maximilians University (LMU) Munich, Germany
09/2011 – 09/2012	MSc in Terrestrial ecology, Autonomous University of Barcelona, Spain
09/2006 – 06/2011	BSc in Biology, University of A Coruña, Spain

FELLOWSHIPS AND GRANTS

2020	Alexander von Humboldt postdoctoral fellowship (€85,000)
2018	Marie Skłodowska Curie postdoctoral fellowship (€173,076)
2017	Max Planck Research School for Organismal Biology scholarship (€12,168)
2016	International Society for Behavioural Ecology travel grant (€600)
2015	University of Vienna travel grant to join the CogCom workshop (€200)
2010	Research assistant scholarship , University of A Coruña (€1,510)
2009	Research assistant scholarship , University of A Coruña (€1,510)

LIST OF PUBLICATIONS (*SHARED FIRST AUTHORSHIP)

- Moiron M**, Teplitsky C, Haest B, Charmantier A, Bouwhuis S (2023) Micro-evolutionary response of spring migration timing in a wild seabird. **Evolution letters** (*in press*)
- Vedder O, Tschirren B, Postma E, **Moiron M** (2023) Rapid decline of prenatal maternal effects with age is independent of postnatal environment in a precocial bird. **Evolution** (*in press*)
- Urban MC, Swaegers J, Stoks R, Snook RR, Otto SP, Noble DWA, **Moiron M**, Hällfors M, Gómez-Llano M, Fior S, Cote J, Charmantier A, Bestion E, Berger D, Baur J, Alexander JM, Saastamoinen M, Edelsparre A, Teplitsky C (2023) When and how can we predict adaptive responses to climate change? **Evolution letters** (*in press*)
- Meyer BS, **Moiron M**, Caswara C, Chow W, Fedrigo O, Formenti G, Haase B, Howe K, Mountcastle J, Uliano-Silva M, Wood J, Jarvis ED, Liedvogel M, Bouwhuis S (2023) *Sex-specific changes in autosomal methylation rate in ageing common terns*. **Frontiers in Ecology and Evolution** 11:982443
- Moiron M**, Charmantier A, Bouwhuis S (2022) *The quantitative genetics of fitness in a wild bird population*. **Evolution** 76:1443-1452
- Moiron M**, Winkler L, Martin OY, Janicke T (2022) *Sexual selection moderates heat stress response in males and females*. **Functional Ecology** 36:3096– 3106
- Sánchez-Tójar A*, **Moiron M***, Niemelä PT* (2022) *Ambiguous terminology in animal personality research: a self-report questionnaire and a systematic review*. **Proceedings of the Royal Society B** 289:20212259
- Hau M, Deimel C, **Moiron M** (2022) *Great tits differ in glucocorticoid plasticity in response to spring temperature*. **Proceedings of the Royal Society B** 20221235

9. Fay R, Hamel S, van de Pol M, Gaillard J-M, Yoccoz N, Acker P, Authier M, Larue B, Le Cœur C, Macdonald K, Nicol-Harper A, Barbraud C, Bonenfant C, Van Vuren DH, Cam E, Delord K, Gamelon M, **Moiron M**, Pelletier F, Rotella J, Teplitsky, Visser M, Wells C, Wheelwright NT, C, Touzot L, Jenouvrier S, Sæther B-E (2022) *Temporal correlations among demographic parameters rates are ubiquitous but highly variable across species*. **Ecology Letters** 25:1640–1654
10. Laskowski KL, **Moiron M**, Niemelä PT (2021) *Integrating behavior in life-history theory: allocation versus acquisition?* **Trends in Ecology and Evolution** 36:132–138
11. Winkler L, **Moiron M**, Morrow E, Janicke T (2021) *Stronger net selection on males across the animal kingdom*. **eLife** 10:e68316
12. Vedder O, **Moiron M**, Bichet C, Bauch C, Verhulst S, Becker PH, Bouwhuis S (2021) *Telomere length is heritable and genetically correlated with lifespan in a wild bird*. **Molecular Ecology** (in press)
13. Bichet C, **Moiron M**, Matson K, Vedder O, Bouwhuis S (2021) *Immunosenescence in the wild? A longitudinal study in a long-lived seabird*. **Journal of Animal Ecology** 91:458–469
14. Fay R, Authier M, Hamel S, Jenouvrier S, van de Pol M, Cam E, Gaillard J-M, Yoccoz N, Acker P, Allen A, Aubry L, Bonenfant C, Caswell H, Coste C, Larue B, Le Cœur C, Gamelon M, Macdonald K, **Moiron M**, Nicol-Harper A, Pelletier F, Rotella J, Teplitsky C, Touzot L, Wells C, Sæther B-E (2021) *Quantifying fixed individual heterogeneity in vital rates: Performance of correlated random effects for Bernoulli variables*. **Methods in Ecology and Evolution** 13:91–104
15. **Moiron M**, Laskowski KL, Niemelä PT (2020) *Individual differences in behaviour explain variation in survival: a meta-analysis*. **Ecology Letters** 23:399-408
16. **Moiron M**, Araya-Ajoy YG, Teplitsky C, Bouwhuis S, Charmantier A (2020) *Understanding the social dynamics of breeding phenology: indirect genetic effects and assortative mating in a long distance migrant*. **The American Naturalist** 196(5):566-76
17. Montesana L*, **Moiron M***, Guedes E, Cavalli E, Tassino B, Adreani NM* (2020) *Defending as a unit: sex- and context-specific aggressiveness in a duetting bird*. **Behavioural Ecology and Sociobiology** 74, 111
18. **Moiron M**, Araya-Ajoy YG, Mathot KJ, Mouchet A, Dingemanse NJ (2019) *Functional relations between body mass and risk-taking behavior in wild great tits*. **Behavioral Ecology** 30 (3), 617-623
19. Dingemanse NJ, **Moiron M**, Araya-Ajoy YG, Mouchet A; Abbey-Lee, RA (2019) *Individual variation in age-dependent reproduction: fast explorers live fast but senesce young?* **Journal of Animal Ecology** 89:601–613
20. **Moiron M**, Mathot KJ, Dingemanse NJ (2018) *To eat and not be eaten: diurnal mass gain and foraging strategies in wintering great tits*. **Proceedings of the Royal Society B** 285 (1874), 20172868
21. Abbey-Lee RA, Araya-Ajoy YG, Mouchet A, **Moiron M**, Stuber E, Kempenaers B, Dingemanse NJ (2018) *Does perceived predation risk affect patterns of extra-pair paternity? A field experiment in a passerine bird*. **Functional Ecology** 32 (4), 1001-1010
22. **Moiron M**, Mathot KJ, Dingemanse NJ (2016) *A multi-level approach to quantify speed-accuracy trade-offs in great tits (*Parus major*)*. **Behavioral Ecology** 27 (5), 1539-1546
23. Sih A, Mathot KJ, **Moiron M**, Montiglio PO, Wolf M, Dingemanse NJ (2015) *Animal personality and state-behaviour feedbacks: a review and guide for empiricists*. **Trends in Ecology and Evolution** 30 (1), 50-60
24. **Moiron M**, Gonzalez-Lagos C, Slabbekoorn H, Sol D (2015) *Singing in the city: high song frequencies are no guarantee for urban success in birds*. **Behavioral Ecology** 26 (3), 843-850

LIST OF PREPRINTS

25. **Moiron M**, Haest B, Teplitsky C, Dänhardt A, Bouwhuis S, Charmantier A (2022) *Quantitative genetics of multidimensional plasticity in spring phenology*. OSF Preprints (doi: 10.31219/osf.io/4upxd)
26. Reichert M, de la Hera I, **Moiron M** (2022) *Partitioning variance in a signalling trade-off under sexual selection reveals among-individual covariance in trait allocation*. bioRxiv (doi:10.1101/2022.10.10.511667)
27. Chang C, **Moiron M**, Sánchez-Tójar A, Niemela P, Laskowski K (2023) *What's the meta-analytic evidence for life-history trade-offs at the genetic level?* Authorea (doi: 10.22541/au.168795190.00787983/v1)

INVITED SEMINARS

- 2023 **Bielefeld University**, seminar series, Germany
- 2022 **University of Oldenburg**, seminar series, Germany
- 2021 **University of Alberta**, seminar series, Canada
- 2021 **Ludwig-Maximilians University Munich**, seminar series, Germany
- 2020 **Friedrich Schiller University Jena**, seminar series, Germany
- 2020 **Bielefeld University**, seminar series, Germany
- 2019 **Institute of Avian Research**, seminar series, Germany
- 2019 **Université du Québec à Montréal**, Prof. Denis Reale lab, Canada
- 2016 **International Society for Behavioural Ecology**, “Statistical quantification of individual differences” symposium, UK

SELECTED CONTRIBUTED TALKS AND POSTERS

- Talk **European Ornithologists' Union**, 2023, Lund, Sweden
- Poster **ASAB winter meeting**, 2022, Edinburgh, UK
- Talk **Deutschen Ornithologen Gesellschaft**, 2022, Wilhelmshaven, Germany
- Talk **DZG graduate meeting Evolutionary Biology**, 2022, Bielefeld, Germany
- Talk **Phenotypic plasticity "Groupement de Recherche"**, 2020, Montpellier, France
- Talk **Models in Ecology and Evolution**, 2019, Montpellier, France
- Talk **European Society for Evolutionary Biology**, 2019, Turku, Finland
- Talk **Society for Experimental Biology**, 2019, Seville, Spain
- Poster **Genetics Society**, 2018, Exeter, UK
- Talk **Evolution**, 2018, Montpellier, France
- Poster **European Society for Evolutionary Biology**, 2017, Groningen, The Netherlands
- Talk **International Society for Behavioural Ecology**, 2016, Exeter, UK
- Talk **European Ornithologists' Union**, 2015, Badajoz, Spain
- Talk **European Society for Evolutionary Biology**, 2015, Lausanne, Switzerland

TEACHING

Graduate-level teaching:

- 2023 Free-choice course “Writing club for budding biologists”, Bielefeld University
- 2023 BSc course “Key concepts in Evolutionary biology”, Bielefeld University
- 2023 MSc course “Evolution of behaviour”, Bielefeld University
- 2022 Two lectures in MSc course “Ecology, evolution and sensory biology of birds”, University of Oldenburg
- 2022 MSc practical course “Ecology of colonial seabirds”, University of Oldenburg
- 2022 MSc practical course “Project Japanese Quail”, University of Oldenburg
- 2021 Two lectures in MSc course “Ecology, evolution and sensory biology of birds”, University of Oldenburg
- 2016 One guest lecture in MSc course “Current topics in Behavioural Ecology”, Ludwig-Maximilians University Munich
- 2016 One guest lecture in MSc course “Experimental designs”, University of Konstanz

Supervision of graduate projects:

Since 2015: co-supervised two Master, two Bachelor and one internship student projects from the Universities of Oldenburg, Massachusetts Boston, La Rochelle and Antwerp, and the Technical University of Munich.

ACADEMIC SERVICES

Conference organiser and scientific committee member:

- "Rapid evolutionary and plastic responses of birds to environmental change", British Ornithological Union (BOU2023, 4-6 April 2023, Nottingham, UK)
- "Models in Ecology and Evolution" (24-25 October 2019, Montpellier, France)

Symposium co-organiser of:

- "Phenotype and climate change: how are birds coping?" symposium at EOU 2023 (21-25 August 2023, Lund, Sweden)
- "The role of density-dependent behaviour and plasticity on eco-evolutionary dynamics?" symposium at Behaviour 2023 (14-20 August 2023, Bielefeld, Germany)

Manuscript peer-reviewer: Animal Behaviour, Behavioral Ecology, Behavioral Ecology and Sociobiology, Biological Journal of the Linnean Society, Evolution, Global Change Biology, Journal of Animal Ecology, Journal of Evolutionary Biology, Journal of Ornithology, Methods in Ecology and Evolution, PeerJ, PNAS, and The American Naturalist

Grant reviewer: Marie Skłodowska-Curie Postdoctoral Fellowships (HE-MSCA-PF-2021 – ENV Panel) and Icelandic Research Fund.