

Mikkel Roald-Arbøl

Doctoral Researcher in Computational ethology

Copenhagen, Denmark

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Education

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|----------------|--|
| 2020 - Present | University of Sussex , Brighton, UK
<i>Ph.D. in Biology</i> |
| 2017 - 2019 | University of Copenhagen , Copenhagen, DK
<i>M.Sc. in Human Biology</i> |
| 2013 - 2016 | University of Copenhagen , Copenhagen, DK
<i>B.Sc. in Exercise and Sports Sciences</i> |

Experience

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|------------------|---|
| 10/2020 - 2/2025 | University of Sussex
<i>Advisor:</i> Jeremy Niven
Some long text describing what I did for this project. |
| 10/2019 - 1/2020 | University of Copenhagen
<i>Advisors:</i> Rune W. Berg and Tom Cat
Some more text |
| 9/2018 - 8/2019 | University of Sussex
<i>Advisor:</i> Jeremy Niven
Some more text |
| 1/2017 - 5/2017 | University of Queensland
<i>Advisor:</i> Timothy Carroll
Some more text |
| 9/2016 - 12/2016 | University of Queensland
<i>Advisor:</i> Luke Kelly
Some more text |
| 9/2015 - 12/2016 | University of Copenhagen
<i>Advisor:</i> Jesper Lundbye-Jensen
Some more text |

Publications

1. **Roald-Arbøl, M.**, Yarwood, E., Fernandes, A. S. D., Moubarak, E. M., Drees, C., Schuett, W., & Niven, J. E. (2025). A Low-Cost Trackball System for Automated Movement Capture Allowing Assessment of the Repeatability of Movement for Behavioural Ecology. *In prep*
2. Sobianin, I., Ngotho, S. G., Spector, M. B., **Roald-Arbøl, M.**, Vignal, E., Perineti, C. L., Ellison, L., Al Balush, S., Carriero, A., Eley, M., Cozan, M., Demirbatir, C., Dominiak, S. E., Janiak, F., Frazao, J., Maravall, M., Lagnado, L., Schröder, S., Kemenes, G., Baden T., Niven J. E., King S., Nowotny T., Chagas, A. M. (2025). BeeHive: A flexible open electronics platform for designing research equipment. *In prep*
3. Verbinnen, G., **Roald-Arbøl, M.**, Niven, J. E., & Nicholls, E. (2024). Shifts in honeybee worker metabolism immediately post-eclosion (p. 2024.12.01.622772). *bioRxiv*. <https://doi.org/10.1101/2024.12.01.622772>

Teaching

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|-------------|---|
| 2024 | Mediterranean Ecology Field Course , University of Sussex
<i>Professors:</i> Paul Graham and Valentina Scarponi
Some more text |
| 2022 - 2024 | Coastal Ecology Field Course , University of Sussex
<i>Professor:</i> Claudia Drees
Some more text |
| 2022 - 2024 | Statistics , University of Sussex
<i>Professors:</i> Jane and Luc
Some more text |
| 2021 - 2022 | Research Methods , University of Sussex
<i>Professor:</i> Wiebke Schuett
Some more text |
| 2015 - 2016 | Athletics 1 & 2 , University of Copenhagen
<i>Professors:</i> Mikkel Sørensen and Birger Fisker
Some more text |

Scholarships & Awards

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| 2023 | Junior Scientist Workshop in Mechanistic Cognitive Neuroscience , Janelia Research Campus
Highly competitive workshop that also covered all expenses, including flights and accommodation. |
| 2023 | Sussex Life Sciences PhD Symposium: Best talk , University of Sussex |
| 2023 | Travel Grant , The Association for the Study of Animal Behaviour |
| 2023 | Travel Grant , Sussex Neuroscience PG Fund |
| 2022 | Sussex Doctoral Open Research Prize , University of Sussex
This inaugural award was awarded to postgraduate researchers for an extraordinary effort in promoting open research practices. With the award came two months extra PhD funding. |
| 2019 | Best Instrument, _Art in Science Photo Competition_ , Art in Science Photo Competition,
Highly competitive workshop that also covered all expenses, including flights and accommodation. |
| 2018 | Travel Grants , Erasmus+, Knud Højgaards Fond, Fam. Hede Nielsen Fond, Oticon Fonden
To be able to do my M.Sc thesis at University of Sussex, I secured several competitive travel grants totalling 25.000DKK (Knud H.), 7.500DKK (Fam. Hede Nielsen), 13.500DKK (Oticon), 23.388DKK (Erasmus+) 59.388DKK |