

# Dr Rose Trappes

## Curriculum Vitae

Egenis Centre  
University of Exeter  
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### Areas of Specialisation

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Philosophy of Biology, Feminist Philosophy

### Areas of Competence

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Philosophy of Science, Metaphysics of Science, Continental Philosophy

### Professional Appointments

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- 01/2022–08/2025    **Postdoctoral Research Fellow**  
Egenis Centre for the Study of the Life Sciences, University of Exeter, UK  
Employed in ERC-funded Project "A Philosophy of Open Science for Diverse Research Environments (PHIL\_OS)"
- 10/2021–12/2021    **Research Associate**  
Philosophy Department, Bielefeld University, Germany  
Employed in DFG-funded Collaborative Research Centre TRR-212 "A Novel Synthesis of Individualisation across Behaviour, Ecology and Evolution: Niche Choice, Niche Conformance, Niche Construction (NC<sup>3</sup>)"
- 07/2018–09/2021    **Doctoral Researcher**  
Philosophy Department, Bielefeld University, Germany  
Employed by DFG-funded Collaborative Research Centre TRR-212 "A Novel Synthesis of Individualisation across Behaviour, Ecology and Evolution: Niche Choice, Niche Conformance, Niche Construction (NC<sup>3</sup>)"

### Education

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- 07/2018–08/2021    **PhD in Philosophy**, Bielefeld University, Germany  
Dissertation: "Individuality in Behavioural Ecology: Personality, Persistence and the Perplexing Uniqueness of Biological Individuals" Supervisors: Prof Marie I. Kaiser, Prof Ulrich Krohs  
*magna cum laude, accepted without revisions*
- 08/2016–06/2018    **Research Master's in Philosophy**, Radboud University, Netherlands  
Specialisation in Philosophical Anthropology  
Master's thesis: "Evaluating Elizabeth Grosz's Biological Turn"  
Supervisor: A/Prof Veronica Vasterling; *Cum Laude*

- 02/2011–11/2015 **Bachelor of Arts (Hons)**, University of Queensland, Australia  
Extended major in Philosophy; *First Class Honours*
- 02/2011–11/2014 **Bachelor of Science**, University of Queensland, Australia  
Major in Biochemistry and Molecular Biology

## Publications

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### Dissertation

Trappes, Rose. 2021. *Individuality in Behavioural Ecology. Personality, Persistence, and the Perplexing Uniqueness of Biological Individuals*. Bielefeld: Bielefeld University.  
<https://doi.org/10.4119/unibi/2959077>

### Edited Collections and Special Issues

- 2022 Trappes, Rose, Behzad Nematipour, Ulrich Krohs (eds.). 2022. Niches and Mechanisms in Ecology and Evolution (Topical Collection). "*Biology and Philosophy*. ISSN: 0169-3867 (Print) 1572-8404 (Online)

### Articles

- Kaiser, Marie I. and Rose Trappes. Forthcoming. "Individual-level Mechanisms in Ecology and Evolution." In *From Biological Practice to Scientific Metaphysics*, edited by Alan C. Love, Janella Baxter, William Bausman, Oliver Lean, C. Kenneth Waters. Minnesota Studies, Vol. 23, University of Minnesota Press
- 2023 Trappes, Rose. 2023. "How Tracking Technology is Transforming Animal Ecology: Epistemic Values, Interdisciplinarity, and Technology-Driven Scientific Change." *Synthese*. 201: 128. <https://doi.org/10.1007/s11229-023-04122-5>
- 2022 Trappes, Rose. 2022. "Individual Differences, Uniqueness, and Individuality in Behavioural Ecology" *Studies in History and Philosophy of Science*. 96: 19-26.  
<https://doi.org/10.1016/j.shpsa.2022.08.007>
- Trappes, Rose, Behzad Nematipour, Marie I. Kaiser, Ulrich Krohs, Koen J. van Benthem, Ulrich R. Ernst, Jürgen Gadau, Peter Korsten, Joachim Kurtz, Holger Schielzeth, Tim Schmoll, Elina Takola. 2022. "How Individualized Niches Arise: Defining Mechanisms of Niche Construction, Niche Choice, and Niche Conformance" *BioScience*. 72 (6): 538-548.  
<https://doi.org/10.1093/biosci/biac023>
- Trappes, Rose, Behzad Nematipour and Ulrich Krohs. 2022. "Introduction to Niches and Mechanisms in Ecology and Evolution." *Biology and Philosophy*. 37: 55.  
<https://doi.org/10.1007/s10539-022-09890-x>
- 2021 Trappes, Rose. 2021. "Defining the Niche for Niche Construction: Evolutionary and Ecological Niches." *Biology and Philosophy*. 36: 31. <https://doi.org/10.1007/s10539-021-09805-2>
- Kaiser, Marie I. and Rose Trappes. 2021. "Broadening the Problem Agenda of Biological Individuality: Individual Differences, Uniqueness, and Temporality." *Biology and Philosophy*. 36: 15. <https://doi.org/10.1007/s10539-021-09791-5>
- Heydari, Arash, Ali Teymoori, and Rose Trappes. 2021. "Honor killing as a dark side of modernity: Prevalence, common discourses, and a critical view" *Social Science Information*. 60 (1): 86-106. <https://doi.org/10.1177/0539018421994777>

- 2020 Trappes, Rose, Daniel Cohnitz, Viorel Pâslaru, T.J. Perkins, and Ali Teymoori. 2020. "The Online Alternative: Sustainability, Justice, and Conferencing in Philosophy." *European Journal of Analytic Philosophy*. 16 (2): 145-172. <https://doi.org/10.31820/ejap.16.2.7>
- 2019 Trappes, Rose. 2019. "Evaluating Elizabeth Grosz's Biological Turn." *Hypatia*. 34 (4): 736-754. <https://doi.org/10.1111/hypa.12487>

### Book Reviews

- 2020 Trappes, Rose. 2020. "Review of Laura Hengehold: Simone de Beauvoir's Philosophy of Individuation." *philoSOPHIA*. 10 (1):131-135. <https://doi.org/10.1353/phi.2020.0008>
- 2019 Trappes, Rose. 2019. "Almost but not quite human: defining the human species through infrahuman figures. Review of Megan Glick: *Infrahumanisms*." *Metascience*. 29:147-150. <https://doi.org/10.1007/s11016-019-00466-2>
- 2018 Trappes, Rose. 2018. "Review of Laura Hengehold, Nancy Bauer (Eds.): *A Companion to Simone de Beauvoir*." *Phenomenological Reviews*. <http://reviews.ophen.org/2018/09/22/laura-hengehold-nancy-bauer-eds-companion-to-simone-de-beauvoir/>
- 2017 Trappes, Rose. 2017. "Review of Karen Vintges: *A New Dawn for the Second Sex: Women's Freedom Practices in World Perspective*." *Hypatia Reviews Online*. <http://hypatiareviews.org/reviews/content/331>

### Magazines

- 2017 Teymoori, Ali and Rose Trappes. 2017. "A revolution in thinking: Immanuel Kant's influence on psychology." *The Psychologist* 30: 92-95.

### Under review and in preparation

Trappes, Rose. Under Review. "Data Synthesis for Big Questions: From Animal Tracks to Ecological Models" *PTPBio*.

Trappes, Rose. Under review. "The easy difference: Sex in behavioural ecology" in *Purple Brains, Working on the limits of feminist philosophy*, edited by Annabelle Dufourcq, Annemie Halsema, Katrine Smiet & Karen Vintges.

Dorninger, Christian, Christopher Luederitz, Rose Trappes, Julius Rathgens, Max-Friedemann Kretschmer, Lynn Chiu, Henrik von Wehrden, Roberto Cazzolla Gatti and Guido Caniglia. In preparation. "Why care about niches? A cross-disciplinary review to understand agent-environment interactions for sustainability"

Trappes, Rose, Alkistis Elliott-Graves and Marie I. Kaiser. In preparation. "Epistemological Challenges of Studying Individuality in Biology"

Trappes, Rose. In preparation. "Behavioural Dispositions and Social Interactions: Better Understanding Pluralism about Behaviour" in Sarah Richardson, Heidi Grasswick, Carla Fehr, and Michael R. Dietrich (eds), *Subjects, Power, and Knowledge: Critical Perspectives on the Philosophy of Helen Longino*.

### Talks and Conferences

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#### Invited Talks

- 07/06/2023 "Philosophy of Open Science" Science Studies Colloquium Series, University of Oslo.

- 09/05/2023 "How does open science change science? Contributions from philosophy" Evolution Seminar, Bielefeld University.
- 20/04/2023 "Exploring the Consequences of Open Science" Philosophy of Science Colloquium, Bergen University.
- 13/01/2022 "What is Individuality in Behavioural Ecology" InChangE Workshop, Bielefeld University.
- 08/12/2020 "Population Thinking and Uniqueness of Individuals" Evolution Seminar, Bielefeld University.
- 12/06/2020 "Studying Individuality" SFB-TRR212 Seminar Series, University of Münster.
- 16/01/2020 "Like a human fingerprint: Uniqueness and biological individuality" Philosophy and History of Science Colloquium, Ruhr University Bochum.
- 23/10/2019 "Defining the niche for niche construction" Institute of Ecology and Evolution Seminar, Jena University.
- 23/04/2019 "Process ontology and individuation practices in biology" Institute for Interdisciplinary Studies of Science Colloquium, Bielefeld University.

### Conference and Seminar Presentations

- 07/2023 "What can be learnt about research environments from niche concepts?" (with Sabina Leonelli), ISHPSSB2023, University of Toronto.
- 06/2023 "The Challenges of Evaluating Citizen Science Data" Philosophy of Science India Conference, Azim Premji University.
- 30/03/2023 "Dynamics of Epistemic Diversity in Citizen Science" Whither Open Science: PHIL\_OS Exploratory Workshop, University of Exeter.
- 15/03/2023 "Niche-based theories of scientific practice: A scoping survey" Perspectives on Scientific Practice, University of Exeter.
- 16/08/2022 "The Pervasiveness of Sex in Behavioural Ecology" GWP2022: Conference for the German Philosophy of Science Association, TU Berlin.
- 08/07/2022 "Open Science and Philosophy" Panel Discussion, BSPS2022, University of Exeter.
- 03/07/2022 "Sharing Movement Data to Answer Big Questions: Are there Trade-Offs in Opening Ecological Observation?" SPSP2022, Ghent University.
- 15/07/2021 "Can Scientists Study Individuals?" ISHPSSB2021, Online.
- 18/03/2021 "Big Data in Behavioural Biology" Digital Studies of Digital Science (DS<sup>2</sup>), Catholic University of Louvain, Online. Available on YouTube: <https://youtu.be/7ReNKXIFh3A>
- 28/10/2020 "Explaining Honour Killing with Sexism and Marginalisation" (with Ali Teymoori) Australasian Post-Humanities Seminar, Online. Available as a podcast: <https://anchor.fm/aposthumanities/episodes/S1E8-Rose-Trappes-and-Ali-Teymoori-Explaining-Honour-Killing-with-Sexism-and-Marginalisation-eqds2/a-a4l3iq9>
- 10/07/2019 "Defining the niche for niche construction" ISHPSSB2019, Oslo University.
- 28/05/2019 "What is niche construction constructing?" MGSE/EvoPAD/NC<sup>3</sup> Joint Symposium, University of Münster.

- 11/04/2019 "Carving up reality: Scientific metaphysics and aspirational ontology." Realities and Fantasies: Workshop for the Amsterdam School of Cultural Analysis, University of Amsterdam.
- 26/02/2019 "What Fish is This? Process ontology and identification practices." GWP2019, Köln University.

## Workshop Organisation

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- 07/2023 "Conceptualising Environments in and for Research: Biological and Philosophical Perspectives" (with Sabina Leonelli), Panel, ISHPSSB2023, University of Toronto.
- 2-3/07/2020 "Niche construction and other mechanisms in ecology and evolution" (with Marie Kaiser), Online Workshop, Bielefeld University.
- 15-16/7/2019 "Philosophical perspectives on ecological niches" (with Ulrich Krohs, Marie Kaiser and Behzad Nematipour), Workshop, University of Münster.
- 10/07/2019 "Concepts and Understanding in Ecology" (with Philipp Haueis) Panel, ISHPSSB2019, Oslo University.
- 29/09/2017 "Lifting the Blinds: Workshop on Diversity in Philosophy" (with Hans-Georg Eilenberger), Workshop, Radboud University.

## Teaching

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### Lecturer

- WiSe 2021-22 Philosophie der Lebenswissenschaften [Philosophy of the Life Sciences], Bachelor course, Bielefeld University
- SoSe 2020 Evolutionstheorie und ihre Anwendungen [Evolutionary Theory and its Applications], Bachelor course, Bielefeld University (online)
- WiSe 2019-20 Einführung in die feministische Philosophie [Introduction to feminist philosophy] (with Johanna Wagner), Bachelor course, Bielefeld University

### Guest lecturer

- 2023 "Feminist Philosophy of Science" in Social Epistemology, Advanced bachelor course, University of Exeter.
- 2018-present "Feminism and Biology" in Feminist Philosophy: Bodies, Binaries and Beyond, Advanced bachelor course, Rotterdam University
- 2019 "Biodiversity and Conservation" in Philosophy of Environmental Sciences. Advanced bachelor course, Bielefeld University
- 2019 "De Beauvoir: Phenomenology of sex and the role of biology" in Phenomenology of Gender and Race. Master's course, Radboud University

### Teaching Assistant

- SoSe 2018 Methods and Skills of Philosophical Research  
Research Master's course, Radboud University

- 2017 NOISE Gender Studies Summer School  
Graduate Summer School, Utrecht University
- 2015 BIOC3005 Molecular Systems Biology  
Advanced bachelor course, University of Queensland
- 2014 BIOL1020 Genes, Cells and Evolution  
Introductory bachelor course, University of Queensland

### Supervision

- 2021 Sören Schutforth, Master of Education Thesis, Bielefeld University. "Müssen nichtmenschliche Menschenaffen Gebärdensprache lernen, damit wir sie verstehen können?" [Do nonhuman apes need to learn sign language for us to understand them?]
- 2020 Laura Käppele, Bachelor Thesis, Bielefeld University. "Objektivisierung durch den *male gaze*" [Objectification through the male gaze]

### Awards and Honours

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- 2016-2018 Radboud Scholarship (€15,000)
- 2015 University of Queensland University Medal
- 2011-2014 UQ Excellence Scholarship (\$24,000 AUD)

### Academic Services

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#### Reading Groups and Departmental Seminars

- 2022-present Co-convenor (with Alex Thinius), [DEFPoS: Developments and Evolutions in Feminist Philosophy of Science Reading Group](#), online.
- 2018-2021 Convenor, Classics and Gems Philosophy of Science Reading Group, Bielefeld University.
- 2018-2019 Organiser, Philosophy of Science Seminar, Bielefeld University.

#### Refereeing

Biology & Philosophy, History and Philosophy of the Life Sciences, PTPBio, Simone de Beauvoir Studies, HYLE (International Journal for Philosophy of Chemistry), Erkenntnis, Minerva

### Memberships

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- ISHPSSB - International Society for History, Philosophy and Social Studies of Biology
- SWIP Germany - German Society for Women in Philosophy
- GWP - German Society for Philosophy of Science
- I<sup>2</sup>SoS - Institute for Interdisciplinary Studies of Science, Bielefeld University

## Languages

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English - native

German - fluent

French - intermediate (B1)

## Referees

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