

PERSONAL INFORMATION

Dr Reshanne Reeder

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URL for Google Scholar profile: <https://scholar.google.com/citations?user=DfdUB3UAAAAJ>

CURRENT POSITION

2023 – Lecturer in Psychology
University of Liverpool / UK

PREVIOUS POSITIONS

2020 – 2023 Senior Lecturer in Psychology
Edge Hill University / UK

2018 – 2020 Principal Investigator/Postd Doc on CBBS ScienceCampus grant: “A multifaceted individual differences approach to investigating nonretinal vision”
Center for Behavioral Brain Sciences and Otto-von-Guericke University / Germany

2018 Principal Investigator/Post Doc on FEM-POWER bridge grant: “Visual hallucinations during low contrast image detection”
Institute of Psychology / Otto-von-Guericke University / Germany

2014 – 2018 Post Doc on ORA/DFG grant “Tracing the Template”
Institute of Psychology / Otto-von-Guericke University / Germany

EDUCATION

2011 – 2014 PhD in Cognitive and Brain Sciences
Center for Mind/Brain Sciences (CIMeC), University of Trento, Rovereto, Italy
Adviser: Marius Peelen

2010 – 2011 MSc in Psychological Research Methods, First-Class Honours
University of Leicester, Leicester, England

2005 – 2009 BA in Psychology, Summa cum Laude
Kent State University, Kent, OH, USA

FELLOWSHIPS AND AWARDS (AWARDED)

2024 1. Methodological Innovation and Development Award Scheme (MIDAS), engage@liverpool (£500) / UK
2. Primary supervisor on School of Psychology Summer Research Assistant Scheme (£2,520) / UK
3. Primary supervisor on ESRC NWSSDTP doctoral studentship / UK

2023 4. IPH Research and Knowledge Exchange fund (£6680) / UK
5. Co-supervisor on NWO Open Competition doctoral studentship / NL
6. Named collaborator on NWO Open Competition scheme (€400,000) / NL

2022 7. SIPS-Collabro Registered Report Funding Partnership (\$1,630) / USA
8. Being Human Festival 2022 Small Award (£2,000) / UK

2021 9. Edge Hill University Research Internal Funding (£15,570) / UK

2018 10. Center for Behavioral Brain Sciences (CBBS) ScienceCampus research grant (€92,000) / Germany
11. FEM-POWER Bridge grant (€17,100) / Germany

FELLOWSHIPS AND AWARDS (APPLIED)

2025 1. Early career researcher collaborative research grants Stage 1, BACP / UK (£45,000, *rejected*)
2. ERC Consolidator Grant, Horizon Europe / EU (€2,640,845, *rejected*)

2024 3. Future Leaders Fellowship, UKRI / UK (£1,000,000, *not considered*)
4. AMS Springboard, AMS / UK (£125,000, *not considered*)

2023 5. MRC Neuroscience and Mental Health New Investigator Research Grant, UKRI / UK (£818,799.17, *shortlisted, rejected*)

2022 6. MRC Neuroscience and Mental Health New Investigator Research Grant, UKRI / UK (£487,719.60, *rejected*)

2021 7. BA Wolfson Fellowships 2021, British Academy / UK (£129,914.10, *rejected*)
8. Royal Society Research Grants 2021 Round 2 / UK (£19,990.00, *rejected*)
9. BA/Leverhulme Small Research Grants SRG 2021 Round, British Academy / UK (£9,760.80, *rejected*)

2020 10. ESRC New Investigator Grant, UKRI / UK (£287,632.80, *rejected*)
11. ERC Starting Grant, Horizon Europe / EU (€1,500,000, *rejected*)

2018 12. DFG Individual Research Grant, DFG / Germany (€245,000, *rejected*)

INVITED TALKS (since 2023)

2025 Northumbria Research Seminar Series, October 2025 (expenses paid by organiser)

2025 European Conference on Visual Perception (ECVP) talk, August 2025

2025 Université Lumière Lyon 2 Cognitive Research Seminar, April 2025 (expenses paid by organiser)

2025 Sense Perception in the North (SPIN) meeting, January 2025 (home)

2024 6th IRCA Meeting, September 2024 (virtual)

2024 University of Tilburg Symposium on Individual Differences in Perception, May 2024

2024 Aalborg Symposium on Synesthesia, March 2024 (expenses paid by organiser)

2024 AFC Lab meeting, March 2024 (virtual)

2023 ESCOP conference, Symposium on Aphantasia, September 2023

2023 University of Sussex research seminar series, May 2023 (expenses paid by organiser)

Upcoming:

2026 Invited speaker for Berlin Symposium on Stroboscopic Light, March 2026 (virtual)

2026 Invited speaker for workshop: The Borderlands Between Perception and Imagination in Copenhagen, April 2026 (expenses paid by organiser)

2026 Invited speaker for symposium (Varying Experiences of Visual Imagery: Accommodating Inner Blindness and Cognitive Diversity in Psychological Theory) at APS Convention in Barcelona, May 2026

2026 Invited speaker for Imagery & Aphantasia workshop in Paris, October 2026 (expenses paid by organiser)

ORGANIZATION OF SCIENTIFIC MEETINGS, SYMPOSIA, AND WORKSHOPS

2025 Co-organizer of the Career Development session of SAFE Labs Workshop 2025 / Spain

2024 Organizer of the MNE Liverpool Workshop (12 participants) / UK

2022 Symposium co-chair, European Conference on Visual Perception (ECVP) / Netherlands

2019 Co-organizer and symposium chair, MCB Brain Plast II Conference / Germany

2014 – 2016 Co-organizer of annual ORA grant meetings (~20 participants) / Germany, UK, Netherlands

EDITORIAL AND REVIEWING ACTIVITIES

2022 – Grant reviewer for UKRI (UK), Wellcome Trust (UK), ANR (France), FNRS (Belgium), National Science Center (Poland)

2023 – 2025 Recommender (Action Editor), *PCI-RR*

2021 – 2024 Editorial Board Member, *Psychology*, *Scientific Reports*

2014 – Ad-hoc reviewer for *Nature Communications*, *Nature Human Behaviour*, *PCI-RR*, *Consciousness and Cognition*, *European Journal of Neuroscience*, *Journal of Cognitive Neuroscience*, *Neuropsychologia*, *NeuroImage*, *Journal of Vision*, *Frontiers in Psychology*, *Visual Cognition*, *Acta Psychologica*, *JEP:General*, *JEP:HPP*, *JEP:LMC*, *Psychological Science*, *Brain Sciences*, *BMC Neuroscience*, *Cortex*, *PLOS One*

RESEARCH SUPERVISION

2024 – Primary supervisor: Wesley Nixon, ESRC NWSSDTP doctoral student (current)

2024 – Primary supervisor: Emma Austin, Doctoral Academic Teacher (DAT) PhD student (current)

2024 – External PhD supervision: Katerina Christodoulou, Tilburg University (current); James Thurbon, Macquarie University (current)

2023 – Primary supervisor: DClinPsy students: Alice Payne, Nicole McGowan, Erlina Rees (current)

2023 – 2024 Wesley Nixon, MSc Research Methods. Current PhD student with Reshanne Reeder (primary supervisor) and Chris Taylor (co-supervisor)

2021 – 2022 Primary supervisor: Dr Bridget Mawtus, Post Doc

2020 – 2022 Varg Königsmark, M.Res.-equivalent, Distinction. Current PhD student with Elena Azañon

2020 – 2023 Johannes Salge, M.Res.-equivalent, Distinction

2018 – 2019 Marcel Wurth, M.Res.-equivalent, Distinction

2017 – 2018 Lasse Güldener, M.Res.-equivalent, Distinction. Achieved PhD with Stefan Pollmann

CONTINUING PROFESSIONAL DEVELOPMENT

2025 PhD Supervision Masterclass, Tilburg University, Netherlands
UCL Starting Aware Fair & Equitable (SAFE) Labs Workshop for new group leaders (www.safelabs.io), Pineda de Mar, Spain

OUTREACH INITIATIVES

2024 Co-organizer of ORW2024 keynote session: *Is open science really open for everyone?* University of Liverpool, LJMU, EHU, University of Essex, UK

2022 Co-organizer of museum exhibition at Being Human Festival 2022, *The art and science of light flicker in psychedelic experience*, The Atkinson, Southport, UK
Co-organizer and speaker at STEM Aspire event, Edge Hill University, UK
Co-organizer of prize training seminar and speaker at IDEBATE, Van Lang University, Vietnam
Co-organizer of *Superbrains!* Kids' Neuroscience Workshop, Edge Hill University, UK

MEMBERSHIPS OF ACADEMIC AND SCIENTIFIC SOCIETIES

2022 – Member, Society for the Improvement of Psychological Science (SIPS)
2022 – Fellow of the Higher Education Academy (FHEA)
2019 Member, American Psychological Association
2013 – 2022 Member, Vision Sciences Society

PUBLICATIONS (since 2023)

1. Theory paper:
Reeder, R. R., Sala, G., & van Leeuwen, T. M. (2024). A novel model of divergent predictive perception. *Neuroscience of Consciousness*, 2024(1), niae006.
2. Mixed-methods registered report (empirical):
Mawtus, B., Renwick, F., Thomas, B. R., & **Reeder, R. R.** (2024). The impact of aphantasia on mental healthcare experiences. *Collabra: Psychology*, 10(1), 127416.
3. Editorial as Special Collections guest editor:
Reeder, R. R. (2024). Current and future directions for research on hallucinations and delusions. *Scientific Reports*, 14(1), 8328.
4. Empirical paper:
Reeder, R. R., Pounder, Z., Figueroa, A., Jüllig, A., & Azañón, E. (2024). Non-visual spatial strategies are effective for maintaining precise information in visual working memory. *Cognition*, 251, 105907.
5. Empirical paper:
Azañón, E., Pounder, Z., Figueroa, A., & **Reeder, R. R.** (2025). Individual variability in mental imagery vividness does not predict perceptual interference with imagery: A replication study of Cui et al.(2007). *Journal of Experimental Psychology: General*.

6. Published conference paper (empirical):

Chkhaidze, A., Kiyonaga, A., Coulson, S., & **Reeder, R. R.** (2025). Visual Imagery Vividness Predicts the Complexity of Induced Hallucinations. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 47).

In progress submissions (as of December 2025):

1. Preprint: under review at *Neuroscience of Consciousness*, 2025

Chkhaidze, A., **Reeder, R. R.**, Gag, C., Kiyonaga, A., & Coulson, S. Beyond vividness: Content analysis of induced hallucinations reveals the hidden structure of individual differences in visual imagery. *arXiv preprint arXiv:2507.09011*.

2. Submission under review at *Cortex*, 2025

Stantic, M., Pounder, Z., **Reeder, R. R.**, Catmur, C., & Bird, G. Individuals with aphantasia show independent impairments in face perception and face memory, but not face matching.

3. Registered Report: senior author, scheduled submission to *PCI-RR* in January 2026

Christodoulou, K., Monzel, M., Krempel, R. A., van Leeuwen, T. M., & **Reeder, R. R.** The role of mental imagery in visual illusions: A multi-lab collaborative online test battery.

Preregistrations:

1. Preregistration: first author (completed study, to be submitted at *Psychological Science*)

Reeder, R. R., Stefan, A. M., Seth, A. K., & Macpherson, F. (2025). Individual differences in illusory perception: Insights into hallucination proneness. <https://osf.io/vxz4f>

2. Preregistration: senior author, in progress

Austin, E. Roberts, D., Azañón, E. A., & **Reeder, R. R.** Seeing with words: How visual mental imagery ability affects responses to imagined brightness and darkness. <https://osf.io/435xw/>

3. Preregistration: senior author, in progress

Austin, E. Roberts, D., Azañón, E. A., & **Reeder, R. R.** The relationship between mental imagery, emotions, and memory. <https://osf.io/exh6d/>

4. Preregistration: in progress

Thurbon, M. R. J., **Reeder, R. R.**, & Polito, V. Efficacy of online flicker light. <https://osf.io/8vnpe/>

5. Preregistration: in progress

Thurbon, M. R. J., **Reeder, R. R.**, & Polito, V. Can flicker light enhance hypnosis? <https://osf.io/yzmw8/>

6. Preregistration: in progress

Mak, M., Greven, C., Neufeld, J., **Reeder, R. R.**, & van Leeuwen, T. M. Individual Differences in Perceptual Experiences: Exploring Associations between Imagery Vividness, Sensory (Processing) Sensitivity, Synaesthesia, and (Subclinical) Psychiatric Traits. <https://osf.io/afcj3/>

7. Preregistration: in progress

Christodoulou, K., **Reeder, R. R.**, Krahmer, E., van Leeuwen, T. M. The impact of different priors on visual perception: the role of mental imagery and sensory sensitivity. <https://osf.io/yvmr8/>