

PERSONAL INFORMATION

Dr Reshanne Reeder

ORCID ID 0000-0002-8525-5285; Researcher ID: AAA-1143-2019

URL for web site: <https://www.reshannereeder.com>

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/Postdoc 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-Collabra 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 Synaesthesia, 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 Azañón
- 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 hyponosis? <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/>