

PERSONAL INFORMATION

Dr Reshanne Reeder

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

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

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/Post 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 (~£70,000) / UK

2022 4. SIPS-Collabra Registered Report Funding Partnership (\$1630) / USA

5. Being Human Festival 2022 Small Award (£2000) / UK

2021 6. Edge Hill University Research Internal Funding (£15570) / UK

2019 7. National Eye Institute Postdoctoral Travel Grant (\$765) / USA

2018 8. Center for Behavioral Brain Sciences (CBBS) ScienceCampus research grant (€92,000) / Germany

9. FEM-POWER Bridge grant (€17,100) / Germany

10. Christiane Nüsslein-Volhard-Stiftung recipient (€4,800) / Germany

11. DAAD travel award (€2,194) / Germany

12. Equal Opportunities Office (BfG) of the OVGU travel award (€2,000) / Germany

13. Lienert Foundation stipend (€1,500) / Germany

2017 14. Christiane Nüsslein-Volhard-Stiftung recipient (€4,800) / Germany

Prior to 2017, I received various awards totaling ~\$10,000

FELLOWSHIPS AND AWARDS (APPLIED)

2024 1. Future Leaders Fellowship, UKRI / UK (£1,000,000, *not considered*)

2. AMS Springboard, AMS / UK (£125,000, *not considered*)

- 2023 3. MRC Neuroscience and Mental Health New Investigator Research Grant, UKRI / UK (£818,799.17, *shortlisted, rejected*)
- 2022 4. MRC Neuroscience and Mental Health New Investigator Research Grant, UKRI / UK (£487,719.60, *rejected*)
- 2021 5. BA Wolfson Fellowships 2021 / British Academy / UK (£129,914.10, *rejected*)
6. Royal Society Research Grants 2021 Round 2 / UK (£19,990.00, *rejected*)
7. BA/Leverhulme Small Research Grants SRG 2021 Round / British Academy / UK (£9,760.80, *rejected*)
- 2020 8. ESRC New Investigator Grant / UKRI / UK (£287,632.80, *rejected*)
9. ERC Starting Grant / European Commission / EU (£1,500,000, *rejected*)
- 2018 10. DFG Individual Research Grant / DFG / Germany (€245,000, *rejected*)

INVITED TALKS

- 2024 *Ganzflicker: Using light-induced hallucinations to predict divergent perceptual experiences*, The role of mental imagery and sensory sensitivity in (divergent) perception kick-off symposium, Tilburg University, Netherlands; AFC Lab / CARLA Talk Series; and Mini-Symposium on Synaesthesia, Perception, and Individual Differences, Aalborg University, Denmark
- 2023 *Ganzflicker: Past, present, and future of light-induced psychedelic experience*, University of Sussex, UK
- 2022 *Registered Reports: The gold standard of open research is also the most challenging to do right*, Open Research Week 2022 (ORW2022), UK
Ganzflicker: Past, present, and future of light-induced psychedelic experience, UCLan, UK; and Vision@UCL, UK
A novel model on divergent perception in imagery extremes, ECVF Symposium, Donders Institute for Brain, Cognition, and Behaviour, Radboud University, Netherlands
The diversity of human imagination, Didsbury SciBar, UK
- 2021 *Ganzflicker: A window into the mind's eye*, Cognition Research Group in Stirling (CoRGiS), UK; Kirby SciBar, UK

ORGANIZATION OF SCIENTIFIC MEETINGS, SYMPOSIA, AND WORKSHOPS

- 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

- 2023 – Recommender (Action Editor), *PCI-RR*
- 2022 – Grant reviewer for UKRI (UK), ANR (FR), FNRS (BE)
- 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

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

RESEARCH SUPERVISION

- 2024 – Wesley Nixon, ESRC NWSSDTP doctoral student (starting Fall 2024)
2024 – Emma Austin, Doctoral Academic Teacher (DAT) PhD student (current)
2023 – Alice Payne, Nicole McGowan, Erlina Rees, DClInPsy students (current)
2023 – 2024 Wesley Nixon, MSc Research Methods (current)
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. Current PhD student with Stefan Pollmann

KEY PUBLICATIONS

Theory-building

Reeder, R. R., Sala, G., & van Leeuwen, T. M. (2024). A novel model of divergent predictive perception. *Neuroscience of Consciousness*, 24(1). <https://doi.org/10.1093/nc/niae006>

Reeder, R. R. (2016). Individual differences shape the content of visual representations. *Vision Research*. <https://doi.org/10.1016/j.visres.2016.08.008>

Hallucinations

Reeder, R. R. (2022). Ganzflicker reveals the complex relationship between visual mental imagery and pseudo-hallucinatory experiences: A replication and expansion. *Collabra: Psychology*. <https://doi.org/10.1525/collabra.36318>

Königsmark, V. T., Bergmann, J., & **Reeder, R. R.** (2021). The Ganzflicker experience: High probability of seeing vivid and complex pseudo-hallucinations with imagery but not aphantasia. *Cortex*. <https://doi.org/10.1016/j.cortex.2021.05.007>

Salge, J. H., Pollmann, S., & **Reeder, R. R.** (2020). Anomalous visual experience is linked to perceptual uncertainty and visual imagery vividness. *Psychological Research*. <https://doi.org/10.1007/s00426-020-01364-7>

Neuroimaging

Reeder, R. R., Olivers, C. N. L., Hanke, M., Pollmann, S. (2018). No evidence for enhanced distractor template representation in early visual cortex. *Cortex*. <https://doi.org/10.1016/j.cortex.2018.08.005>

Reeder, R. R., Hanke, M., & Pollmann, S. (2017). Task relevance modulates the representation of feature conjunctions in the target template. *Scientific Reports*, 7. <https://doi.org/10.1038/s41598-017-04123-8>

Reeder, R. R., Olivers, C. N. L., & Pollmann, S. (2017). Cortical evidence for negative search templates. *Visual Cognition*. <https://doi.org/10.1080/13506285.2017.1339755>

Neurostimulation

Reeder, R. R., Perini, F., & Peelen, M.V. (2016). Preparatory attentional templates in posterior temporal cortex causally contribute to object detection in scenes. *Journal of Cognitive Neuroscience*, 27(11), 2117-2125. https://doi.org/10.1162/jocn_a_00845