

PERSONAL INFORMATION

Dr Reshanne Reeder

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

CURRENT POSITION

2020 – Senior Lecturer in Psychology
Edge Hill University / UK

PREVIOUS POSITIONS

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

Minor in Classics

Kent State University, Kent, OH, USA

FELLOWSHIPS AND AWARDS

2021 1. Edge Hill University Research Internal Funding (£15570) / UK

2019 2. National Eye Institute Postdoctoral Travel Grant (\$765) / USA

2018 3. Center for Behavioral Brain Sciences (CBBS) ScienceCampus grant (€92,000) / Germany

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

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

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

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

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

2017 9. Christiane Nüsslein-Volhard-Stiftung recipient (€4,800) / Germany

2015 10. €200 Poster Award, Rovereto Attention Workshop / Italy

2011 11. £3000 Open Master’s Scholarship awarded by the University of Leicester / UK

Prior to 2010, I received various undergraduate awards totaling \$4500

INVITED TALKS

2021 *Ganzflicker: A window into the mind’s eye*, Cognition Research Group in Stirling (CoRGiS)

SUPERVISION

Location of supervision: Department of Psychology / Edge Hill University / UK

2021 – present 1 MSc Psychology in Business, 4 BSc dissertations

2020 – 2021 2 MSc Psychology Conversion, 4 BSc dissertations

Location of supervision: Institute of Psychology / Otto-von-Guericke University / Germany

2019 – 2021 2 MSc research students

2018 – 2019 3 MSc research students / 3 BSc research students

2017 – 2018 1 PhD student co-supervised with Stefan Pollmann and Christian Olivers

2016 – 2018 3MSc research students

TEACHING ACTIVITIES

- 2021 – Module Leader for the MSc Psychology in Business PSY4001 Advanced Professional Skills
Lecturer and seminar tutor for the BSc programs in Psychology – Essential Skills, Personality and Individual Differences, Investigative Methods in Psychology, Applying Psychology – Department of Psychology / Edge Hill University
- 2020 – 2021 Lecturer and seminar tutor for the BSc programs in Psychology – Essential Skills, Personality and Individual Differences – Department of Psychology / Edge Hill University
- 2020 Creator and instructor – Python Tutorial (2-day intensive course) – Department of Psychology / Edge Hill University
- 2018 – 2020 Lecturer for the MSc program in Psychology – Python Tutorial, FSL Tutorial, and Research Colloquium – Institute of Psychology / Otto-von-Guericke University / Germany
- 2014 – 2016 Teaching Assistant for the MSc program in Cognitive Science – Foundations of Cognitive Neuroscience, CIMEC / University of Trento / Italy

ORGANIZATION OF SCIENTIFIC MEETINGS

- 2019 Co-organizer and symposium chair, MCB Brain Plast II Conference (~200 participants) / Germany
- 2014 – 2016 Co-organizer of annual ORA grant meetings (~20 participants) / Germany, UK, Netherlands

REVIEWING ACTIVITIES

- 2021 – Editorial Board Member, Psychology, *Scientific Reports*
- 2020 – Review Editor, *Frontiers in Human Neuroscience*
- 2014 – Ad-hoc reviewer for Nature Communications, 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

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2019 Member, American Psychological Association
- 2013 – Member, Vision Sciences Society

MAJOR COLLABORATIONS

1. Aphantasia Network, *Prevalence of divergent perceptual and personality traits in extreme imagery*, Aphantasia Society, Toronto, Canada
2. Tessa M. van Leeuwen, *The impact of individual differences in mental imagery and sensory sensitivity on perception*, Department of Communication and Cognition, Tilburg University, Netherlands
3. Johanna Bergmann, *The Ganzflicker Experience*, Department of Psychology, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, German
4. Alec Figueroa, *Training imagery in people with aphantasia*, AphantasiaMeow, <https://www.aphantasiameow.com/>, California, USA
5. Elena Azañón, *Developing an objective test battery to measure imagery abilities and Training imagery in people with aphantasia*, Somatosensory and Body Lab, Institute of Psychology, Otto-von-Guericke University, Magdeburg, Germany
6. Christian N. L. Olivers, *Cortical evidence for negative search templates and Cortical correlates of free and imposed target selection in multiple-target search*, Department of Experimental and Applied Psychology, Vrije Universiteit Amsterdam, Netherlands
7. Michael Hanke, *Cortical representation of attentional templates*, Department of Psychoinformatics, Jülich Forschungszentrum, Germany

CAREER BREAKS

- 07.2018 – 06.2019 Maternity leave 50% (11 months)
- 06.2016 – 03.2017 Maternity leave 50% (9 months)

01.2016 – 06.2016 Maternity leave 100% (5 months)

MANUSCRIPTS AND PUBLICATIONS

1. **Reeder, R. R.** (preprint). A replication and expansion of “The Ganzflicker experience” with a sample size of 1810. *PsyArXiv*. <https://psyarxiv.com/5ujf3/>
2. 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>
3. 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>
4. Ort, E., Fahrenfort, J. J., **Reeder, R. R.**, Pollmann, S., & Olivers, C. N. L. (2019). Frontal cortex differentiates between free and imposed target selection in multiple-target search. *NeuroImage* 202. <https://doi.org/10.1016/j.neuroimage.2019.116133>
5. Wurth, M. & **Reeder, R. R.** (2019). Diagnostic parts are not exclusive in the search template for real-world object categories. *Acta Psychologica* 196, 11-17. <https://doi.org/10.1016/j.actpsy.2019.03.006>
6. **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>
7. **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>
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>
9. **Reeder, R. R.** (2016). Individual differences shape the content of visual representations. *Vision Research*. <https://doi.org/10.1016/j.visres.2016.08.008>
10. **Reeder, R. R.**, Stein, T., & Peelen, M. V. (2016). Perceptual expertise improves category detection in natural scenes. *Psychonomic Bulletin & Review*, 1-8. <https://doi.org/10.3758/s13423-015-0872-x>
11. Stein, T., **Reeder, R. R.**, & Peelen, M. V. (2015). Privileged access to awareness for faces and objects of expertise. *Journal of Experimental Psychology: Human Perception and Performance*. <https://doi.org/10.1037/xhp0000188>
12. **Reeder, R. R.**, Perini, F., & Peelen, M.V. (2015). 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
13. **Reeder, R. R.**, van Zoest, W., & Peelen, M. V. (2015). Involuntary attentional capture by task-irrelevant objects that match the search template for category detection in natural scenes. *Attention, Perception, and Psychophysics*, 1-11. <https://doi.org/10.3758/s13414-015-0867-8>
14. **Reeder, R. R.**, & Peelen, M. V. (2013). The contents of the search template for category-level search in natural scenes. *Journal of Vision*, 13(3). <https://doi.org/10.1167/13.3.13>