

## PERSONAL INFORMATION

Dr Reshanne Reeder

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## 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

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

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

## INVITED TALKS

2022 Upcoming: *A novel model on divergent perception in imagery extremes*, ECVP Symposium  
*The diversity of human imagination*, Didsbury SciBar

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

## ORGANIZATION OF SCIENTIFIC MEETINGS AND SYMPOSIA

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

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*

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, Cortex, PLOS One

#### 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, *Developing an objective test battery to measure imagery abilities and Training imagery in people with aphantasia*, AphantasiaMeow, <https://www.aphantasiameow.com/>, California, USA
5. Elena Azañon, *Emotion processing in 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

#### TOP MANUSCRIPTS AND PUBLICATIONS (FULL LIST ON WEBSITE)

1. **Reeder, R. R.** (accepted at *Collabra: Psychology*). Ganzflicker reveals the complex relationship between visual mental imagery and pseudo-hallucinatory experiences: A replication and expansion. *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. **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>
5. **Reeder, R. R.** (2016). Individual differences shape the content of visual representations. *Vision Research*. <https://doi.org/10.1016/j.visres.2016.08.008>
6. **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>
7. 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>