

Reshanne R. Reeder

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Curriculum Vita

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Languages

English (native)

German (B1)

Work experience

- 06.2018-05.2020** **Center for Behavioral Brain Sciences**, Magdeburg, Germany
Principal Investigator/Post Doc on CBBS ScienceCampus grant:
“A multifaceted individual differences approach to investigating nonretinal vision”
- 07.2018-06.2019** **Maternity leave 50%**
- 02-06.2018** **Otto-von-Guericke University**, Magdeburg, Germany
Principal Investigator/Post Doc on FEM-POWER Bridge grant:
“Visual hallucinations during low contrast image detection”
- 01.2016-03.2017** **Maternity leave 50%**
- 2014-2018** **Otto-von-Guericke University**, Magdeburg, Germany
Post Doc on ORA DFG grant “Tracing the Template”

Education

- 2011-2014** **Center for Mind/Brain Sciences (CIMEC), University of Trento**, Rovereto, Italy
PhD in Cognitive and Brain Sciences
Adviser: Marius Peelen
Thesis: *The search template for object detection in natural scenes: Contents and characteristics, neural underpinnings, and individual differences*
- 2010-2011** **University of Leicester**, Leicester, England
MSc in Psychological Research Methods, First-Class Honours
Adviser: Doug Barrett
- 2005-2009** **Kent State University**, Kent, OH, USA
BA in Psychology, Summa cum Laude
- 2008** **University of Leicester**, Leicester, England, Study Abroad

Publications

1. **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).
2. **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.

3. **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*. doi:10.1162/jocn_a_00845
4. **Reeder, R. R.**, Stein, T., & Peelen, M. V. (2015). Perceptual expertise improves category detection in natural scenes. *Psychonomic Bulletin & Review*. doi: 10.3758/s13423-015-0872-x
5. 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*. doi:10.1037/xhp0000188
6. **Reeder, R. R.** (2016). Individual differences shape the content of visual representations. *Vision Research*. doi:10.1016/j.visres.2016.08.008
7. **Reeder, R. R.**, Olivers, C. N. L., & Pollmann, S. (2017). Cortical evidence for negative search templates. *Visual Cognition*. doi: 10.1080/13506285.2017.1339755
8. **Reeder, R. R.**, Hanke, M., & Pollmann, S. (2017). Task relevance modulates the representation of feature conjunctions in the target template. *Scientific Reports*, 7. doi:10.1038/s41598-017-04123-8
9. **Reeder, R. R.**, Olivers, C. N. L., Hanke, M. & Pollmann, S. (2018). No evidence for enhanced distractor template representation in early visual cortex. *Cortex*.
10. Wurth, M. & **Reeder, R. R.** (2019). Diagnostic parts are not exclusive in the search template for real-world object categories.
11. Ort, E., Fahrenfort, J. J., **Reeder, R. R.**, Pollmann, S., & Olivers, C. N. (2019). The Role of Proactive and Reactive Cognitive Control for Target Selection in Multiple-Target Search. *BioRxiv*, 559500.
12. Salge, J. & **Reeder, R. R.** (in prep). Imagery vividness influences the perception of faces in visual noise.

Presentations and Conferences

Talks

- 2018**
1. Vision Sciences Society annual meeting 2018 (St Pete Beach, FL, USA)
The visual representation of templates for rejection
 2. TEAP 60th Conference of Experimental Psychologists (Marburg, Germany)
The visual representation of templates for rejection
- 2017**
3. Christiane Nüsslein-Volhard Foundation Meeting (Tübingen, Germany)
The cortical representation of visual information changes according to task goals

- 4. Vision Sciences Society annual meeting 2017 (St Pete Beach, FL, USA)
Cortical evidence for negative search templates
- 2015** 5. Rovereto Attention Workshop, Poster Award session (Rovereto, Italy)
Task relevance modulates feature representation in the search template
- 2014** 6. Doctoral School (DS) Day (Rovereto, Italy)
Brain sight before eyesight
- 2013** 7. Cognitive Science Arena for Beginners (Bressanone, Italy)
Differing neural activity in general and specific search
- 2011** 8. Experimental Psychological Society Nottingham Meeting (Nottingham, England)
Visual field asymmetry for inefficient but not efficient search in the attentional blink

Poster Presentations

- 2019** 1. Vision Sciences Society annual meeting 2019 (St Pete Beach, FL, USA)
- 2017** 2. Munich Symposium on Visual Working Memory (Munich, Germany)
- 2016** 3. Vision Sciences Society annual meeting 2016 (St Pete Beach, FL, USA)
- 2015** 4. Rovereto Attention Workshop (Rovereto, Italy)
- 5. 7th Bernstein Sparks Workshop: Active Perceptual Memory (Berlin, Germany)
- 2014** 6. Society for Neuroscience: Neuroscience 2014 (Washington, D.C., USA)
- 2013** 7. Vision Sciences Society annual meeting 2013 (Naples, FL, USA)
- 8. Donders Discussions (Nijmegen, Netherlands)
- 9. Rovereto Attention Workshop (Rovereto, Italy)
- 10. Doctoral School (DS) Day (Rovereto, Italy)
- 2012** 11. Doctoral School (DS) Day (Rovereto, Italy)
- 2011** 12. British Psychological Society Annual Conference 2011 (Glasgow, Scotland)
- 2009** 13. 81st Annual Meeting of the Midwestern Psychological Association (Chicago, IL)
- 14. Celebration of Scholarship 2009: "Our Community, Our Health" (Kent State University, Kent, OH, USA)
- 2007** 15. 79th Annual Meeting of the Midwestern Psychological Association (Chicago, IL, USA)

Reviewing

Journal of Cognitive Neuroscience, Neuropsychologia, NeuroImage, Journal of Vision, Frontiers in Psychology, Visual Cognition

Supervision

- 2018-** Master's theses: Johannes Salge, Varg Koenigsmark
- Bachelor's theses: Ninh Nguyen, Laura Heinrichs
- 2018** Bachelor's thesis: Johannes Salge
- 2016-2018** Master's thesis: Marcel Wurth

Thesis defended 27.03.2018: Grade 1,3
2017 Lab rotation: Katrina Deane
2016-2017 Master's thesis: Lasse Gueldener
Thesis defended 12.09.2017: Grade 1,3

Teaching

2018- Lecturer for the master's program of Psychology at Otto-von-Guericke University, Magdeburg, Germany
Courses: Research Colloquium, fMRI analysis tutorial
2013 Teaching Assistant for the master's program in Cognitive Science at the University of Trento, Rovereto, Italy
Course: Foundations of Cognitive Neuroscience

Grants and Awards

2019 1. National Eye Institute Postdoctoral Travel Grant (\$765)
2018 1. Center for Behavioral Brain Sciences (CBBS) ScienceCampus grant (€92,000)
2. FEM-POWER Bridge grant (€17,100)
3. Christiane Nüsslein-Volhard-Stiftung recipient (€4,800)
4. DAAD travel award (€2,194)
5. Equal Opportunities Office (BfG) of the Otto-von-Guericke University travel award (€2,000)
6. Lienert Foundation stipend (€1,500)
2017 7. Christiane Nüsslein-Volhard-Stiftung recipient (€4,800)
2015 8. €200 Poster Award, Rovereto Attention Workshop
2011 9. £3000 Open Master's Scholarship awarded by the University of Leicester
2009 10. \$500 travel grant from RAGS, Kent State University
2008 11. Davidson Outstanding Junior Award (\$250) awarded by Kent State University
12. \$500 Undergraduate Research Scholars Program Fellowship
13. £500 study abroad scholarship awarded by the University of Leicester
2007 14. \$500 travel grant from RAGS, Kent State University
15. \$2500 grant from NSF Summer Research Institute at the University of South Carolina

Other Related Experience

2013, 2014 Student Organizer of CIMEC's Doctoral School (DS) Day