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EDUCATION

- 2019-2024 Ph.D. in Cognitive Neuroscience
Donders Institute in Nijmegen, The Netherlands
Supervisor: Marius Peelen - [Visual Cognitive Neuroscience](#)
Thesis: How we see what is new: The role of attention and object attributes in visual memory search
- 2013-2016 MS in Psychology
National Cheng Kung University in Taiwan, China
Supervisor: Cheng-Ta Yang - [Visual Cognition Modelling Lab](#)
Thesis: Relationship between processing capacity of concept formation and creativity

ACADEMIC WORK EXPERIENCES

- 2024-2025 Visiting researcher
Donders Institute for Brain, Cognition and Behaviour, Netherland
- 2017-2019 Research assistant
State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China
- 2016-2017 Research assistant
Institute of Science and Technology for Brain-inspired Intelligence, Fudan University, China
- 2016-2016 Research assistant
State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China
- 2015-2015 Teaching assistant
National Cheng Kung University in Taiwan, China

TEACHING

- 2015-2015 National Cheng Kung University
Introduction to General Psychology (TA)

GRANTS, HONOURS, AWARDS

- 2019-2023 China Scholarship Council funding (€ 64,800)

PUBLICATIONS

- **Shang, L.***, Yeh L.-C., Zhao, Y., & Peelen, M. V.* (2025). Unpacking similarity effects in visual memory search: categorical, semantic, and visual contributions. *Preprint*, <http://biorxiv.org/lookup/doi/10.1101/2025.04.09.647918>
- **Shang, L.***, Yeh, L.-C., Zhao, Y., Wiegand, I., & Peelen, M. V.* (2024). Category-based attention facilitates memory search. *eNeuro*, 11(2), ENEURO.0012-24.2024. <https://doi.org/10.1523/ENEURO.0012-24.2024>
- **Shang, L.***, Zhao, Y. & Peelen, M.V. (2022). The efficiency of memory search depends on categorical target-distractor similarity. *Perception*, 51(Suppl. 1), 102-103.
- **Shang, L.**, Little, D. R., Webb, M. E., Eidels, A., & Yang, C.-T.* (2021). The workload capacity of semantic search in convergent thinking. *Journal of Experimental Psychology: General*, 150(11), 2230-2245. <https://doi.org/10.1037/xge0001045>

CONFERENCES

- **Shang, L.***, Yeh, L.-C., Zhao Y., Peelen, M.* (2023, December). *Memory search is facilitated by attentional modulation of visual object processing*. Poster session presented at 19th NVP Dutch Society for Brain and Cognition Winter Conference 2023, Egmond aan Zee, The Netherlands.
- **Shang, L.***, Zhao, Y., & Peelen M. (2022, August). *The efficiency of memory search depends on categorical target-distractor similarity*. Poster session presented at 44th European Conference on Visual Perception (ECPV) 2022 Nijmegen, Nijmegen, The Netherlands.
- **Shang, L.**, Little, D., Webb, M., Eidels, A., & Yang, C.-T.* (2020, July). *The workload capacity of semantic search in convergent thinking*. Paper presented at 53rd annual meeting of the society for mathematical psychology/18th international conference on cognitive modeling. Via mathpsych.org/presentation/140.

CERTIFICATES

- National Senior Psychological Counsellor (Level 2; NO. 1811000008210218)
- Foreign-Oriented Secretary (Intermediate/Level 4; NO. 0604000002401158)