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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**

- 2025- Lecturer (AP)  
Key Laboratory of Psychological Testing and Behavioural Analysis, Liaoning University, China
- 2024-2025 Visiting researcher  
Donders Institute for Brain, Cognition and Behaviour, Netherlands
- 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. *Journal of Memory and Language [Accepted]*, <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 19<sup>th</sup> 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 44<sup>th</sup> European Conference on Visual Perception (ECVP) 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 53<sup>rd</sup> annual meeting of the society for mathematical psychology/18<sup>th</sup> international conference on cognitive modeling. Via [mathpsych.org/presentation/140](http://mathpsych.org/presentation/140).

## CERTIFICATES

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