

Amit Yashar

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The Department of Special Education
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Education

- *Ph.D., The School of Psychological Science.* Tel Aviv University, Tel Aviv, Israel. January 2013. Advisor: Prof. Dominique Lamy.
- *Master of Arts in Cognitive Psychology. The School of Psychological Science.* Tel Aviv University, Tel Aviv, Israel. September 2006. Advisor: Prof. Dominique Lamy.
- *Bachelor of Arts in Behavioral Science.* The Academic College of Tel Aviv, Tel Aviv, Israel. January 2003.

Professional Experience

- Senior Lecturer (Assistant Professor), The Department of Special Education, The Faculty of Education, University of Haifa, 2018-present.
- Adjunct Assistant Professor, Department of Psychology, New York University, 2017.
- Postdoctoral Fellow, Department of Psychology, New York University. February 2013 – 2017. Advisor: Marisa Carrasco, Ph.D.

Funding

- **The Israel Science Foundation (ISF) Individual Research Grants 2018-2023**
Investigation of visual attention and perceptual learning in visual crowding
Grant No 1980/18
- **The Israel Science Foundation (ISF) New-Faculty Equipment Grants 2018**
Systems for vision research in human
Grant No 2252/18

- **The Israel Science Foundation (ISF) grant for postdoctoral students in social science 2015-2016**
Grant No 111/15

Distinctions

- The Fulbright Fellowship for postdoctoral students, 2013.
- Dean's Honor for outstanding students in advanced degrees, Tel Aviv University, 2011
- The Department of Psychology award for outstanding students in advanced degrees, Tel Aviv University, 2010
- Dean's Honor for outstanding students in advanced degrees, Tel Aviv University, 2009

Publications in Peer Review Journals

Manuscripts in final preparation or under review

1. **Yashar, A.**, Wu, X., Chen, J., & Carrasco, M. Crowding and binding: Not all feature-dimensions behave equally. (Submitted, manuscript can be delivered upon request).

Published papers

1. **Yashar, A.**, & Denison, R. (2017). Feature reliability explains specificity and transfer of perceptual learning in orientation search. *PLoS Computational Biology*, 13(12), e1005882.
2. **Yashar, A.**, White, A., Fang, M., & Carrasco, M. (2017). Priming of feature singleton facilitates selection but does not modulate attentional shifts. *Journal of Vision*, 17(9), 1–18.
3. **Yashar, A.**, & Carrasco, M. (2016). Rapid and long-lasting learning of feature binding. *Cognition*, 154, 130-138.
4. **Yashar, A.**, Chen, J., & Carrasco, M. (2015). Rapid and long-lasting reduction of crowding through training. *Journal of Vision*, 15(10), 1-15.

5. Amunts, L., **Yashar, A.**, & Lamy, D. (2014). Inter-trial priming does not affect attentional priority in asymmetric visual search. *Frontiers in Psychology*, 5, 957.
6. **Yashar, A.**, Makovski, T., & Lamy, D. (2013). The role of motor response in implicit encoding: Evidence from intertrial priming in pop-out search. *Vision Research*, 93, 80-87.
7. **Yashar, A.**, & Lamy, D. (2013). Temporal position priming: memory traces of recent experience bias the allocation of attention in time. *Journal of Experimental Psychology: Human Perception and Performance*, 39(5), 1443–1456.
8. Lamy, D., **Yashar, A.**, & Ruderman, L. (2013). Orientation search is mediated by distractor suppression: Evidence from priming of pop-out. *Vision Research*, 81, 29–35.
9. **Yashar, A.**, & Lamy, D. (2011). Refining the dual-stage account of PoP: Does motor response or response feature matter? *Attention, Perception and Psychophysics*, 73(7), 2160-2167.
10. Lamy, D., Zlvoeny, A., & **Yashar, A.** (2011). The response-based component of priming of pop-out is contingent on low target-distractor discriminability. *Vision Research*, 51(19), 2099-2109.
11. **Yashar, A.**, & Lamy, D. (2010). Intertrial repetition affects perception: The role of focused attention. *Journal of Vision*, 10(14), 3.
12. **Yashar, A.**, & Lamy, D. (2010). Intertrial repetition facilitates selection in time: Common mechanisms underlie spatial and temporal search. *Psychological Science*, 21(2), 243-251.
13. Lamy, D., **Yashar, A.** & Ruderman, L. (2010). A dual-stage account of inter-trial priming effects. *Vision Research*, 14(25), 1396-1401.
14. Lamy, D., & **Yashar, A.** (2008). Intertrial target-feature changes do not lead to more distraction by singletons: Target uncertainty does. *Vision Research*, 48(10), 1274-1279.

Scientific Meetings

1. **Yashar, A.**, Wu, X., Chen, J., & Carrasco, M. (2017). Crowing and Binding: Not all feature-dimensions behave equally. A talk at the European Conference on Visual Perception, Berlin, Germany.

2. **Yashar, A.**, Wu, X., Chen, J., & Carrasco, M. (2017). Crowding and Binding: Not all feature-dimensions behave equally. A poster at the Vision Science Society Annual Meeting, St. Petersburg, Florida USA.
3. **Yashar, A.**, White, A. L., Wanghaoming & Carrasco, M. (2016). Feature priming facilitates target selection but does not modulate exogenous attentional shifts. A poster at the Vision Science Society Annual Meeting, St. Petersburg, Florida USA.
4. **Yashar, A.**, Chen, J., & Carrasco, M. (2016). Crowding errors are binding errors. A talk at the third Conference on Cognition Research of the Israeli Society for Cognitive Psychology. Acre, Israel.
5. **Yashar, A.**, Chen, J., & Carrasco, M. (2015). Training rapidly reduces visual crowding. A poster at the Vision Science Society Annual Meeting, St. Petersburg, Florida USA.
6. **Yashar, A.**, Hu, Y. Chen, J. & Carrasco, M. (2014). The mechanisms underlying the fast and early improvement in PL. A poster at the Vision Science Society Annual Meeting, St. Petersburg, Florida USA.
7. **Yashar, A.**, Makovski, T., & Lamy, D. (2012). The role of motor response during feature repetition priming: Evidence for automatic encoding of search relevant information. A poster at the Visual Science Society Annual Meeting, Naples, Florida USA.
8. Lamy, D., & **Yashar, A.** (2012). Boundary conditions of the response-related component of inter-trial priming. A poster at the Visual Science Society Annual Meeting, Naples, Florida USA.
9. **Yashar, A.**, & Lamy, D. (2011). Remembering the Time: Repetition of Temporal Position Facilitates Selection in RSVP. A poster at the Visual Science Society Annual Meeting, Naples, Florida USA.
10. **Yashar, A.**, & Lamy, D. (2010). Dissociating between long-term and short-term visual learning. A poster at the Visual Science Society Annual Meeting, Naples, Florida USA.
11. **Yashar, A.**, & Lamy, D. (2009). The mechanisms underlying priming of pop-out. A poster at the Visual Science Society Annual Meeting, Naples, Florida USA.
12. Lamy D., & **Yashar A.** (2006). Undetected changes capture attention: A dissociation between awareness and attention. A talk at the Psychonomics annual meeting, Houston, Texas, USA.

Invited Oral Presentations

- “Crowding and binding: Not all feature-dimensions behave equally,” Cognitive Psychology Seminar, Haifa University, Haifa, Israel (April 2017).
- “Crowding and binding: Not all feature-dimensions behave equally,” Neuroscience Seminar, Ben-Gurion University of the Negev, Beer Sheva, Israel (April 2017).
- “Implicit memory guides the allocation of attention in space and in time.” Leon Deouell Lab, The Hebrew University, Jerusalem, (August 2012).
- “Implicit memory guides the allocation of attention in time: Evidence from intertrial priming.” Fechner Day 2011: International Society for Psychophysics, Herzliya, Israel.
- “Undetected changes capture attention: A dissociation between awareness and attention.” Visual Attention Seminar, Columbia University, New York, (November 2011).

Peer-reviewing activities

Manuscripts

- Acta Psychologica
- Attention Perception and Psychophysics
- Developmental Science
- Emotion and Cognition
- Frontiers in Psychology
- Journal of Experimental Psychology: Human Perception and Performance
- Journal of Vision
- Royal Society Open Science
- Quarterly Journal of Experimental Psychology
- Vision Research

Abstracts

- European Conference on Visual Perception (ECVP) 2017

Teaching

- University of Haifa (Spring 2018).
Lecture 18 2531 B01, "Learning with Sensory Impairment"
Instructor (13 sessions, 105 min each), B.A. students
Topic: Visual and auditory perception and plasticity
- University of Haifa (Spring 2018).
Lecture 18 4200 B01, "Statistic and Research methods in education A"
Instructor (13 sessions, 105 min each), M.A. students
Topic: Statistics
- University of Haifa (Spring 2018).
Lecture 18 4646 B01, "Typical and Atypical Visual Information Processing"
Instructor (13 sessions, 105 min each), B.A. students
Topic: Visual perception
- New York University (Summer 2017).
Lecture PSYCH-UA 29.001, "Cognition"
Instructor (17 sessions, 165 min each), B.A. students
Topic: Cognitive psychology and neuroscience
- Tel Aviv University. (Fall 2012)
Lecture 1071-2907-01, "Introduction to Cognitive Psychology"
Guest lecturer (2 sessions, 90 min each), B.A. students
Topic: Face perception

Mentoring

- Research project advisor, Alexandra Rae B. Ambrocio, BA student, New York University, USA, (Spring 2016 - present).
- Research project advisor, Gregory S. Belaziare, BA student, New York University, USA, (Spring 2016).
- Research project advisor, Jiazeng Ge, BA student, New York University, USA, (Spring 2016 – Spring 2017).

- Thesis advisor, Xiuyun Wu, MA student, New York University, USA, (Fall 2015 – Spring 2017).
- Research project advisor, Yimeng Hou, MA student, New York University, USA, (Spring 2015 - Fall 2015).
- Research project advisor, Lu Ye, MA student, New York University, USA, (Spring 2015 - Fall 2016).
- Thesis advisor, Jiageng Chen, MA student, New York University, USA, (Fall 2013 - Spring 2015).
- Thesis advisor, Wanghaoming Fang, MA student, New York University, USA, (Fall 2013 - Spring 2015).
- Thesis advisor, Yang Hu, MA student, New York University, USA, (Fall 2013 - Spring 2014)
- Research project advisor, Hanna Iancu, BA student, Tel Aviv University, Israel, (Fall 2011 - Spring 2012).
- Research project advisor, Rinat Hilo, MA student, Tel Aviv University, Israel, (Fall 2011 - Fall 2013).

Community Service & Leadership

- Volunteered to help visually impaired high-school children. I took part in organizing and leading activities at Tel Aviv University for a large group of visually impaired children from all over Israel, which aimed to prepare them for academic life and studies.

Language Skills

- Native Hebrew speaker, Fluent in English

Computer Skills

- Programming: Visual Basic, MATLAB
- Specialized software: SAS, SPSS, E-prime, EEG lab, R, MGL, PsycToolbox