KIMBERLY W. WONG

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EDUCATION

Yale University

Ph.D in Psychology (*Advisor: Brian Scholl*) — 2025 (expected)
M.S. in Psychology — Jan 2023
M.Phil. in Psychology — Jan 2023

Johns Hopkins University

BA in Cognitive Science with Honors — May 2019
(*Focal Areas: Neuroscience & Cognitive Neuropsychology*)

AWARDS & FELLOWSHIPS

NEI Travel Award (2023)
Vision Sciences Society

Yale Prize Teaching Fellowship (2021)
Awarded to 10 students throughout both Arts and Sciences for teaching excellence
Yale University

Summer Research Fellowship in Vision Science (2018)
University of Rochester

Provost's Undergraduate Research Award (2017)
Johns Hopkins University

PUBLICATIONS

Manuscripts

1. Wong, K. W. & Scholl, B. J. (under review). Spontaneous path tracing in task-irrelevant mazes: Spatial affordances trigger dynamic visual routines.

2. W. Bi, A. D. Shah, K. W. Wong, B. Scholl, and I. Yildirim. (under review). Computational models reveal that intuitive physics underlies visual processing of soft objects.

3. Ongchoco, J. D. K., Wong, K. W., & Scholl, B. J. (in prep). The "unfinishedness" of dynamic events is spontaneously extracted in visual perception: A new 'Visual Zeigarnik Effect'.

Journal Articles

4. Wong, K. W., Bi, W., Soltani, A. A., Yildirim, I., & Scholl, B. J. (2023). Seeing Soft Materials Draped Over Objects: A Case Study of Intuitive Physics in Perception, Attention, and Memory. *Psychological Science*, *34*(1), 111-119.

5. Ongchoco, J.D.K., Wong, K.W. & Scholl, B.J. (2023). What's next?: Time is subjectively dilated not only for 'oddball' events, but also for events immediately after oddballs*. Attention, Perception and Psychophysics, 86*, 16-21.

6. W. Bi, A. D. Shah, K. W. Wong, B. Scholl, and I. Yildirim. (2021). Perception of soft materials relies on physics-based object representations: Behavioral and computational evidence. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society.*

7. Wong, K. W., Wadee, F., Ellenblum, G., & McCloskey, M. (2018). The devil's in the g-tails: Deficient letter-shape knowledge and awareness despite massive visual experience. *Journal of Experimental Psychology: Human Perception and Performance, 44*(9), 1324–1335.

CONFERENCE TALKS & PRESENTATIONS

1. Wong, K. W. and Scholl, B. J. (2024). "Unconscious intuitive physics: Prioritized breakthrough into visual awareness for physically unstable block towers". Talk given at the annual *Vision Sciences Society* meeting, 05/18/2024, St. Pete Beach, Florida.
2. Wong, K. W., and Scholl, B. J. (2023). "What memories are formed by dynamic 'visual routines'?". Poster presented at the annual Vision Sciences Society meeting, 05/20/2023, St. Pete Beach, Florida.
3. Dhar, P., Ongchoco, J. D. K., Wong, K. W., and Scholl, B. J. (2023). "Somehow, everything has changed: Event boundaries defined only by unnoticed changes in implicit visuospatial statistics drive active forgetting in visual working memory". Poster presented at the annual *Vision Sciences Society* meeting, 05/20/2023, St. Pete Beach, Florida.
4. Ongchoco, J. D. K., Wong, K. W., and Scholl, B. J. (2023). "The "unfinishedness" of dynamic events is spontaneously extracted in visual processing: A new 'Visual Zeigarnik Effect'". Talk given at the annual *Vision Sciences Society* meeting, 05/23/2023, St. Pete Beach, Florida.
5. Shah, A., Wong, K. W., and Scholl, B. J. (2023). "Perceiving precarity (beyond instability) in block towers". Poster presented at the annual *Vision Sciences Society* meeting, 05/23/2023, St. Pete Beach, Florida.
6. Wong, K. W. and Scholl, B. J. (2022). "Spatial affordances can automatically trigger dynamic visual routines: Spontaneous path tracing in task-irrelevant mazes". Talk given at the annual *Vision Sciences Society* meeting, 05/14/2022, St. Pete Beach, Florida.
7. Wong, K. W. and Scholl, B. J. (2021). From here to there: Automatic path tracing in task-irrelevant mazes via dynamic visual routines". Talk given at the annual *Object Perception, Attention, and Memory* meeting, 11/03/2021, virtual presentation.
8. Wong, K. W., Bi, W. Yildirim, I., and Scholl, B. J. (2021). Seeing cloth-covered objects: A case study of intuitive physics in perception, attention, and memory. Poster presented at the annual *Vision Sciences Society* meeting, 05/23/2021, virtual presentation.
9. Bi, W., Shah, A. D., Wong, K. W., Scholl. B. J., & Yildirim, I. (2021) Perception of soft materials relies on physics-based object representations: Behavioral and computational evidence. Poster presented at the annual *Vision Sciences Society* meeting, 05/23/2021, virtual presentation.
10. Wong, K. W., Ongchoco, J. D. K., and Scholl, B. J. (2020). The temporal resolution of subjective time dilation: Is the "oddball effect" specific to the oddball itself? Poster presented at the annual Object Perception, Attention, and Memory meeting, 11/18/2020, virtual presentation.
11. Foster, A., Wong, K. W., Murphy, S., & Pasternak, T. (2018). Unilateral inactivation of lateral prefrontal cortex (LPFC) affects the retention of contralateral spatial and motion information during memory-guided comparisons. Poster presented at the annual meeting of the *Society for Neuroscience*, 11/2018, San Diego, CA.
12. Wong, K. W., Murphy, S., Schaffzin, I., Foster, A., & Pasternak, T. (2018). Inactivation of lateral prefrontal cortex degrades working memory: lowered retention for direction and location of motion. Poster presented at University of Rochester, Center for Visual Science Summer Research Fellow Poster Session, 08/2018, Rochester, NY.

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13. Wong, K. W., Wadee, F., Fischer, K., Ellenblum, E., & McCloskey, M. (2017). *So familiar, yet unnoticed: Limited Knowledge of a Ubiquitous Allograph of the letter g*. Poster presented at the annual meeting of the Eastern Psychological Association, 03/2017, Boston, MA.

TEACHING & MENTORSHIP

Undergraduate Courses

Introduction to Psychology (Teaching Fellow and Section Instructor, Spring 2020)
The Human Brain (Teaching Fellow, Spring 2021)
Introduction to Cognitive Science (Teaching Fellow, Fall 2020 & Fall 2021)
Cognitive Neuropsychology of Visual Perception (Teaching Assistant, Spring 2019)

Other Courses and Mentorship Programs

Yale Sneak Peek Program for Underrepresented Minority and First-Generation Students
Lead Co-organizer & Mentor (2021 – Present)
Lumiere Education Research Instructor and Mentor (Jun 2021 – Dec 2021)
House for Liberal Arts Beyond Borders Primary Instructor (Jun – Aug 2017, Tokyo, Japan)

Research Mentorship

Pranava Dhar, Yale University '25 - poster presented at VSS2023

PAST LAB AFFILIATIONS

Johns Hopkins Cognitive Neuroscience Lab, P.I. Michael McCloskey	2015-2019
University of Rochester Pasternak Lab, P.I. Tatiana Pasternak	2018