

# KIMBERLY W. WONG

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## EDUCATION

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### Yale University

Ph.D in Psychology ( <i>Advisor: Brian Scholl</i> )	2025 (expected)
M.S. in Psychology	Jan 2023
M.Phil. in Psychology	Jan 2023

### Johns Hopkins University

BA in Cognitive Science with Honors ( <i>Advisor: Michael McCloskey</i> ) ( <i>Focal Areas: Neuroscience &amp; Cognitive Neuropsychology</i> )	May 2019
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## AWARDS & FELLOWSHIPS

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### NEI Travel Award (2023)

Vision Sciences Society

### Yale Prize Teaching Fellowship (2021)

Awarded to 10 students throughout the 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

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### Manuscripts

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

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’.

Wong, K. W., Shah, A. D., & Scholl, B. J. (in prep). Unconscious intuitive physics: Prioritized breakthrough into visual awareness for physically unstable block towers.

### Journal Articles

Wong, K. W. & Scholl, B. J. (2024). Spontaneous path tracing in task-irrelevant mazes: Spatial affordances trigger dynamic visual routines. *Journal of Experimental Psychology: General*, 153(9), 2230–2238.

Ongchoco, J. D. K., Wong, K. W., & Scholl, B. J. (2024). What’s next?: Time is subjectively dilated not only for ‘oddball’ events, but also for events immediately after oddballs. *Attention, Perception and Psychophysics*, 86(1), 16–21.

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.

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

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Wong, K. W., Shah, A. D., & 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.

Wong, K. W. & 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.

Dhar, P., Ongchoco, J. D. K., Wong, K. W., & 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.

Ongchoco, J. D. K., Wong, K. W., & 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.

Shah, A., Wong, K. W., & 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.

Wong, K. W. & 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.

Wong, K. W. & 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.

Wong, K. W., Bi, W., Yildirim, I., & 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.

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. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society*.

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.

Wong, K. W., Ongchoco, J. D. K., & 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.

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*, 11/4/2018, San Diego, CA.

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, 07/22/2018, Rochester, NY.

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*, 03/17/2017, Boston, MA.

## TEACHING & MENTORSHIP

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### Undergraduate Courses: Primary Instructor

Lifespan Development (*Gateway Community College*, Jan – Dec 2023)

### Undergraduate Courses: Teaching Fellowships

Introduction to Psychology (*Yale*, Spring 2020 Section Instructor & Fall 2024 Head Teaching Fellow)

Introduction to Cognitive Science (*Yale*, Fall 2020 & Fall 2021)

The Human Brain (*Yale*, Spring 2021)

Cognitive Neuropsychology of Visual Perception (*JHU*, 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 – 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 VSS 2023

## PAST LAB AFFILIATIONS

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