

# Brian Jeffrey Scholl

## Curriculum Vitae

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### Contact Information

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### Academic Appointments

- 2016 - Present     Chair, Cognitive Science Program  
                         Yale University
- 2010 - Present     Professor, Department of Psychology  
                         Yale University
- 2006 - 2010        Associate Professor [Tenured], Department of Psychology  
                         Yale University
- 2005 - 2006        Associate Professor [on Term], Department of Psychology  
                         Yale University
- 2001 - 2005        Assistant Professor, Department of Psychology  
                         Yale University
- 1999 - 2000        Postdoctoral Fellow, Vision Sciences Laboratory, Dept. of Psychology  
                         Harvard University (Sponsor: Ken Nakayama)

### Education

- |      |                    |   |
|------|--------------------|---|
| 1999 | Rutgers University | Ph.D. in Cognitive Psychology (Advisor: Zenon Pylyshyn) |
| 1998 | Rutgers University | M.S. in Cognitive Psychology                            |
| 1994 | Carleton College   | B.A. in Computer Science and Psychology                 |

### Active Research Interests

#### *General Areas*

- Visual perception, cognition, attention, and awareness
- Mental primitives and core knowledge
- Foundations of cognitive science

*Selected Specific Topics*

- How is our conscious visual awareness constructed?
- How does seeing relate to (and provide a foundation for) thinking?
- How does the visual system represent objects and events?
- How, when, and why do we perceive causality, agency, physics, and time?
- How do perception, memory, and learning interact to produce experience?
- How can we communicate information by exploiting the nature of perception?

**Academic Awards and Honors***Keynote Speaker* (2018)

Asia Pacific Conference on Vision

*APS Fellow* (2018)

Association for Psychological Science

*Keynote Speaker* (2017)

European Conference on Visual Perception

*250<sup>th</sup> Anniversary Fellow* (2016)

Rutgers University

*Keynote Speaker* (2016)

Cognitive Science Society

*Senior Faculty Fellowship* (2015 - 2016)

Yale University

*Keynote Speaker* (2015)

CEU Conference on Cognitive Development

*Distinguished Alumnus Award* (2013)

Hudson High School, Hudson, WI

*SPP President* (2012)

Society for Philosophy and Psychology

*Keynote Speaker* (2011)

Object Perception, Attention, &amp; Memory meeting

*APA Fellow* (2009)

American Psychological Association (Division 3)

*Early Career Alumni Award for Distinguished Accomplishments and Service* (2007)

Rutgers University, Graduate School, New Brunswick, NJ

*APA Distinguished Scientific Award for Early Career Contribution to Psychology* (2006)  
American Psychological Association ('Cognition & Learning' area)

*Robert L. Fantz Memorial Award* (2005)  
American Psychological Association

*Lex Hixon Prize for Teaching Excellence in the Social Sciences* (2005)  
Yale College

*CASBS Fellowship Invitation* (2004)  
Center for Advanced Study in the Behavioral Sciences

*Graduate Mentor Award* (2003)  
Social Sciences Award, Yale University Graduate School of Arts & Sciences

*Junior Faculty Fellowship* (2003 - 2004)  
Yale University

*National Research Service Award, Individual Postdoctoral Fellowship* (1999 - 2001)  
National Institute of Mental Health

*Dissertation Teaching Award* (1998 - 1999)  
Rutgers University Graduate School - New Brunswick  
[1 of 3 awarded in university]

*William James Prize for Best Graduate Student Paper* (1997)  
Society for Philosophy and Psychology

## **Publications**

### **Refereed Journal Articles**

Ongchoco, J. D. K., Yates, T., and Scholl, B. J. (accepted pending revisions). Event segmentation structures temporal experience: Simultaneous dilation and contraction in rhythmic reproductions. *Journal of Experimental Psychology: General*.

Wang, V., Ongchoco, J. D. K., and Scholl, B. J. (in press). Here it comes: Active forgetting triggered even just by anticipation of an impending event boundary. *Psychonomic Bulletin & Review*.

Wong, K. W., Bi, W., Soltani, A., Yildirim, I., and 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.

Berke, M. D., Walter-Terrill, R., Jara-Ettinger, J., and Scholl, B. J. (2022). Flexible goals require that inflexible perceptual systems produce veridical representations: Implications for realism as revealed by evolutionary simulations. *Cognitive Science*, 46(10), e13195, 1-21.

Chen, Y. -C., Chang, A., Rosenberg, M. D., Feng, D., Scholl, B. J., and Trainor, L. (2022). 'Taste typicality' is a foundational and multi-modal dimension of ordinary aesthetic experience. *Current Biology*, 32(8), 1837-1842.

Ongchoco, J. D. K., and Scholl, B. J. (2022). Hallucinating visual structure: Individual differences in 'scaffolded attention'. *Cognition*, 225, Article 105129, 1-9.

Colombatto, C., and Scholl, B. J. (2022). Unconscious pupillometry: An effect of 'attentional contagion' in the absence of visual awareness. *Journal of Experimental Psychology: General*, 151(2), 302-308.

Ongchoco, J. D. K., and Scholl, B. J. (2022). Scaffolded attention in time: 'Everyday hallucinations' of rhythmic patterns from regular auditory beats. *Attention, Perception, & Psychophysics*, 84(2), 332-340.

Colombatto, C., van Buren, B., and Scholl, B. J. (2021). Hidden intentions: Visual awareness prioritizes perceived attention even without eyes or faces. *Cognition*, 217, Article 104901, 1-7.

Lin, Q., Yousif, S., Chun, M. M., and Scholl, B. J. (2021). Visual memorability in the absence of semantic content. *Cognition*, 212, Article 104714, 1-12.

Colombatto, C., Uddenberg, S., and Scholl, B. J. (2021). The efficiency of demography in face perception. *Attention, Perception, & Psychophysics*, 83(8), 3104-3117.

Forman, I. R., Chen, Y. -C., Scholl, B. J., and Alvarez, G. A. (2021). The center cannot hold: Variations of frame width help to explain the 'inward bias' in aesthetic preferences. *Attention, Perception, & Psychophysics*, 83(5), 2151-2158.

Colombatto, C., Chen, Y. -C., and Scholl, B. J. (2020). Gaze deflection reveals how gaze cueing is tuned to extract the mind behind the eyes. *Proceedings of the National Academy of Sciences*, 117(33), 19825-19829.

Kominsky, J. F., and Scholl, B. J. (2020). Retinotopic adaptation reveals distinct categories of causal perception. *Cognition*, 203, Article 104339, 1-21.

Ongchoco, J. D. K., and Scholl, B. J. (2020). Enumeration in time is irresistibly event-based. *Psychonomic Bulletin & Review*, 27, 307-314.

Colombatto, C., van Buren, B., and Scholl, B. J. (2020). Gazing without eyes: A 'stare-in-the-crowd' effect induced by simple geometric shapes. *Perception*, 49(7), 782-792.

Yousif, S. R., Chen, Y. -C., and Scholl, B. J. (2020). Systematic angular biases in the representation of visual space. *Attention, Perception, & Psychophysics*, 82(6), 3124-3143.

Ongchoco, J. D. K., and Scholl, B. J. (2019). How to create objects with your mind: From object-based attention to attention-based objects. *Psychological Science*, 30(11), 1648-1655.

Colombatto, C., van Buren, B., and Scholl, B. J. (2019). Intentionally distracting: Working memory is disrupted by the perception of other agents attending to you — even without eye-gaze cues. *Psychonomic Bulletin & Review*, 26, 951-957.

Ongchoco, J. D. K., and Scholl, B. J. (2019). Did that just happen? Event segmentation influences enumeration and working memory for simple overlapping visual events. *Cognition*, 187, 188-197.

Yousif, S. R., and Scholl, B. J. (2019). The one-is-more illusion: Sets of discrete objects appear less extended than equivalent continuous entities in both space and time. *Cognition*, 185, 121-130.

Uddenberg, S., and Scholl, B. J. (2018). TeleFace: Serial reproduction of faces reveals a Whiteward bias in race memory. *Journal of Experimental Psychology: General*, 147(10), 1466-1487.

New, J. J., and Scholl, B. J. (2018). Motion-induced blindness for dynamic targets: Further explorations of the 'perceptual scotoma' hypothesis. *Journal of Vision*, 18(9):24, 1-13.

Chen, Y. -C., Colombatto, C., and Scholl, B. J. (2018). Looking into the future: An inward bias in aesthetic experience driven only by gaze cues. *Cognition*, 176, 209-214.

Lowet, A. S., Firestone, C., and Scholl, B. J. (2018). Seeing structure: Shape skeletons modulate perceived similarity. *Attention, Perception, & Psychophysics*, 80(5), 1278-1289.

Meyerhoff, H. S., and Scholl, B. J. (2018). Auditory-induced bouncing is a perceptual (rather than a cognitive) phenomenon: Evidence from illusory crescents. *Cognition*, 170, 88-94.

Scholl, B. J. (2017). Reliability in psychology: Means versus ends. *APS Observer*, 30(9), 38-39.

van Buren, B., and Scholl, B. J. (2017). Minds in motion in memory: Enhanced spatial memory driven by the perceived animacy of simple shapes. *Cognition*, 163, 87-92.

van Buren, B., Gao, T., and Scholl, B. J. (2017). What are the underlying units of perceived animacy?: Chasing detection is intrinsically object-based. *Psychonomic Bulletin & Review*, 24(5), 1604-1610.

Firestone, C., and Scholl, B. J. (2016). Cognition does not affect perception: Evaluating the evidence for 'top-down' effects' [target article]. *Behavioral and Brain Sciences*, e229, 1-77.

Firestone, C., and Scholl, B. J. (2016). Seeing and thinking: Foundational issues and empirical horizons [response to commentators]. *Behavioral and Brain Sciences*, e229, 53-67.

Chen, Y. -C., and Scholl, B. J. (2016). The perception of history: Seeing causal history in static shapes induces illusory motion perception. *Psychological Science*, 27(6), 923-930.

Ward, E. J., Bear, A., and Scholl, B. J. (2016). Can you perceive ensembles without perceiving individuals?: The role of statistical perception in determining whether awareness overflows access. *Cognition*, 152, 78-86.

van Buren, B., Uddenberg, S., and Scholl, B. J. (2016). The automaticity of perceiving animacy: Goal-directed motion in simple shapes influences visuomotor behavior even when task-irrelevant. *Psychonomic Bulletin & Review*, 23, 797-802.

Liverence, B. M., and Scholl, B. J. (2015). Object persistence enhances spatial navigation: A case study in smartphone vision science. *Psychological Science*, 26(7), 955-963.

Strickland, B., and Scholl, B. J. (2015). Visual perception involves 'event type' representations: The case of containment vs. occlusion. *Journal of Experimental Psychology: General*, 144(3), 570-580.

Firestone, C., and Scholl, B. J. (2015). Enhanced visual awareness for morality and pajamas?: Perception vs. memory in 'top-down' effects. *Cognition*, 136, 409-416.

Ward, E. J., and Scholl, B. J. (2015). Inattention blindness reflects limitations on perception, not memory: Evidence from repeated failures of awareness. *Psychonomic Bulletin & Review*, 22(3), 722-727.

Firestone, C., and Scholl, B. J. (2015). Can you *experience* 'top-down' effects on perception?: The case of race categories and perceived lightness. *Psychonomic Bulletin & Review*, 22(3), 694-700.

Firestone, C., and Scholl, B. J. (2015). When do ratings implicate perception vs. judgment?: The 'overgeneralization test' for top-down effects. *Visual Cognition*, 23(9-10), 1217-1226.

Ward, E. J., and Scholl, B. J. (2015). Stochastic or systematic?: Seemingly random perceptual switching in bistable events triggered by transient unconscious cues. *Journal of Experimental Psychology: Human Perception & Performance*, 41(4), 929-939.

Raila, H., Scholl, B. J., and Gruber, J. (2015). Seeing the world through rose-colored glasses: People who are happy and satisfied with life preferentially attend to positive stimuli. *Emotion*, 15(4), 449-462.

Firestone, C., and Scholl, B. J. (2014a). 'Please tap the shape, anywhere you like': Shape skeletons in human vision revealed by an exceedingly simple measure. *Psychological Science*, 25(2), 377-386.

De Freitas, J., Liverence, B. M., and Scholl, B. J. (2014). Attentional rhythm: A temporal analogue of object-based attention. *Journal of Experimental Psychology: General*, 143(1), 71-76.

Firestone, C., and Scholl, B. J. (2014b). "Top-down" effects where none should be found: The El Greco fallacy in perception research. *Psychological Science*, 25(1), 38-46.

Chen, Y. -C., and Scholl, B. J. (2014). Seeing and liking: Biased perception of ambiguous figures consistent with the 'inward bias' in aesthetic preferences. *Psychonomic Bulletin & Review*, 21(6), 1444-1451.

Newman, G. E., and Scholl, B. J. (2012). Bar graphs depicting averages are perceptually misinterpreted: The within-the-bar bias. *Psychonomic Bulletin & Review*, 19(4), 601-607.

Liverence, B. M., and Scholl, B. J. (2012). Discrete events as units of perceived time. *Journal of Experimental Psychology: Human Perception & Performance*, 38(3), 549-554.

Gao, T., Scholl, B. J., and McCarthy, G. (2012). Dissociating the detection of intentionality from animacy in the right posterior superior temporal sulcus. *Journal of Neuroscience*, 32(41), 14276-14280.

Albrecht, A. R., Scholl, B. J., and Chun, M. M. (2012). Perceptual averaging by eye and ear: Computing summary statistics from multimodal stimuli. *Attention, Perception, & Psychophysics*, 74(5), 810-815.

Franconeri, S. L., Pylyshyn, Z. W., and Scholl, B. J. (2012). A simple proximity heuristic allows tracking of multiple objects through occlusion. *Attention, Perception, & Psychophysics*, 74(4), 691-702.

Liverence, B. M., and Scholl, B. J. (2011). Selective attention warps spatial representation: Parallel but opposing effects on attended versus inhibited objects. *Psychological Science*, 22(12), 1600-1608.

Gao, T., and Scholl, B. J. (2011). Chasing vs. stalking: Interrupting the perception of animacy. *Journal of Experimental Psychology: Human Perception & Performance*, 37(3), 669-684.

Gao, T., McCarthy, G., and Scholl, B. J. (2010). The wolfpack effect: Perception of animacy irresistibly influences interactive behavior. *Psychological Science*, 21(12), 1845-1853.

Albrecht, A. R., and Scholl, B. J. (2010). Perceptually averaging in a continuous visual world: Extracting statistical summary representations over time. *Psychological Science*, *21*(4), 560-567.

Turk-Browne, N. B., Scholl, B. J., Johnson, M. K., and Chun, M. M. (2010). Implicit perceptual anticipation triggered by statistical learning. *Journal of Neuroscience*, *30*(33), 11177-11187.

New, J. J., Schultz, R. T., Wolf, J., Niehaus, J. L., Klin, A., German, T., and Scholl, B. J. (2010). The scope of social attention deficits in autism: Prioritized orienting to people and animals in static natural scenes. *Neuropsychologia*, *48*(1), 51-59.

Gao, T., and Scholl, B. J. (2010). Are objects required for object files?: Roles of segmentation and spatiotemporal continuity in computing object persistence. *Visual Cognition*, *18*(1), 82-109.

Gao, T., Newman, G. E., and Scholl, B. J. (2009). The psychophysics of chasing: A case study in the perception of animacy. *Cognitive Psychology*, *59*(2), 154-179.

Turk-Browne, N. B., Scholl, B. J., Chun, M. M., and Johnson, M. K. (2009). Neural evidence of statistical learning: Efficient detection of visual regularities without awareness. *Journal of Cognitive Neuroscience*, *21*(10), 1934-1945.

New, J. J., and Scholl, B. J. (2009). Subjective time dilation: Spatially local, object-based, or a global visual experience? *Journal of Vision*, *9*(2):4, 1-11, <http://journalofvision.org/9/2/4/>.

Turk-Browne, N. B., and Scholl, B. J. (2009). Flexible visual statistical learning: Transfer across space and time. *Journal of Experimental Psychology: Human Perception & Performance*, *35*(1), 195-202.

Doran, M. M., Hoffman, J. E., and Scholl, B. J. (2009). The role of eye fixations in concentration and amplification effects during multiple object tracking. *Visual Cognition*, *17*(4), 574-597.

New, J. J., and Scholl, B. J. (2008). 'Perceptual scotomas': A functional account of motion-induced blindness. *Psychological Science*, *19*(7), 653-659.

Yi, D.-J., Turk-Browne, N. B., Flombaum, J. I., Kim, M., Scholl, B. J., and Chun, M. M. (2008). Spatiotemporal object continuity in human ventral visual cortex. *Proceedings of the National Academy of Sciences*, *105*(26), 8840-8845.

Newman, G. E., Choi, H., Wynn, K., and Scholl, B. J. (2008). The origins of causal perception: Evidence from postdictive processing in infancy. *Cognitive Psychology*, *57*(3), 262-291.



- Turk-Browne, N. B., Scholl, B. J., and Chun, M. M. (2008). Babies and brains: Habituation in infant cognition and functional neuroimaging. *Frontiers in Human Neuroscience*, 2, Article 16.
- Flombaum, J. I., Scholl, B. J., and Pylyshyn, Z. W. (2008). Attentional resources in tracking through occlusion: The high-beams effect. *Cognition*, 107(3), 904-931.
- Cherries, E. W., Mitroff, S. R., Wynn, K., and Scholl, B. J. (2008). Cohesion as a principle of object persistence in infancy. *Developmental Science*, 11(3), 427-432.
- Turk-Browne, N. B., Isola, P. J., Scholl, B. J., and Treat, T. A. (2008). Multidimensional visual statistical learning. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 34(2), 399-407.
- Scholl, B. J. (2007). Object persistence in philosophy and psychology. *Mind & Language*, 22(5), 563-591.
- Ben-Shahar, O., Scholl, B. J., and Zucker, S. W. (2007). Attention, segregation, and textons: Bridging the gap between object-based attention and texton-based segregation. *Vision Research*, 47(6), 845-860.
- Fiser, J., Scholl, B. J., and Aslin, R. N. (2007). Perceived object trajectories during occlusion constrain visual statistical learning. *Psychonomic Bulletin & Review*, 14(1), 173-178.
- Jungé, J. A., Scholl, B. J., and Chun, M. M. (2007). How is spatial context learning integrated over time?: A primacy effect in contextual cueing. *Visual Cognition*, 15(1), 1-11.
- Mitroff, S. R., Scholl, B. J., and Noles, N. S. (2007). Object files can be purely episodic. *Perception*, 36(12), 1730-1735.
- Cherries, E. W., Wynn, K., and Scholl, B. J. (2006). Interrupting infants' persisting object representations: An object-based limit? *Developmental Science*, 9(5), F50-F58.
- Flombaum, J. I., and Scholl, B. J. (2006). A temporal same-object advantage in the tunnel effect: Facilitated change detection for persisting objects. *Journal of Experimental Psychology: Human Perception & Performance*, 32(4), 840-853.
- Choi, H., and Scholl, B. J. (2006). Measuring causal perception: Connections to representational momentum? *Acta Psychologica*, 123(1-2), 91-111.
- Wagemans, J., Van Lier, R., and Scholl, B. J. (2006). Introduction to Michotte's heritage in perception and cognition research. *Acta Psychologica*, 123(1-2), 1-19.
- Cherries, E. W., Newman, G. E., Santos, L. R., and Scholl, B. J. (2006). Units of visual individuation in rhesus macaques (*Macaca mulatta*): Objects or unbound visual features? *Perception*, 35(8), 1057-1071.

Choi, H., and Scholl, B. J. (2006). Perceiving causality after the fact: Postdiction in the temporal dynamics of causal perception. *Perception*, 35(3), 385-399.

Most, S. B., Scholl, B. J., Clifford, E., and Simons, D. J. (2005). What you see is what you set: Sustained inattentive blindness and the capture of awareness. *Psychological Review*, 112(1), 217-242.

Turk-Browne, N. B., Junge, J. A., and Scholl, B. J. (2005). The automaticity of visual statistical learning. *Journal of Experimental Psychology: General*, 134(4), 552-564.

Alvarez, G. A., and Scholl, B. J. (2005). How does attention select and track spatially extended objects?: New effects of attentional concentration and amplification. *Journal of Experimental Psychology: General*, 134(4), 461-476.

Endress, A. D., Scholl, B. J., and Mehler, J. (2005). The role of salience in the extraction of algebraic rules. *Journal of Experimental Psychology: General*, 134(3), 406-419.

Mitroff, S. R., and Scholl, B. J. (2005). Forming and updating object representations without awareness: Evidence from motion-induced blindness. *Vision Research*, 45(8), 961-967.

Mitroff, S. R., Scholl, B. J., and Wynn, K. (2005). The relationship between object files and conscious perception. *Cognition*, 96(1), 67-92.

Noles, N., Scholl, B. J., and Mitroff, S. R. (2005). The persistence of object-file representations. *Perception & Psychophysics*, 67(2), 324-334.

Marino, A. C., and Scholl, B. J. (2005). The role of closure in defining the 'objects' of object-based attention. *Perception & Psychophysics*, 67(7), 1140-1149.

Flombaum, J. I., Kundey, S. M., Santos, L. R., and Scholl, B. J. (2004). Dynamic object individuation in rhesus macaques: A study of the tunnel effect. *Psychological Science*, 15(12), 795-800.

Mitroff, S. R., Scholl, B. J., and Wynn, K. (2004). Divide and conquer: How object files adapt when a persisting object splits into two. *Psychological Science*, 15(6), 420-425.

Mitroff, S. R., and Scholl, B. J. (2004). Perceiving the disappearance of unseen objects. *Perception*, 33(10), 1267-1273.

Scholl, B. J., and Nakayama, K. (2004). Illusory causal crescents: Misperceived spatial relations due to perceived causality. *Perception*, 33(4), 455-469.

Choi, H., and Scholl, B. J. (2004). Effects of grouping and attention on the perception of causality. *Perception and Psychophysics*, 66(6), 926-942.

vanMarle, K., and Scholl, B. J. (2003). Attentive tracking of objects vs. substances. *Psychological Science*, 14(5), 498-504.

Scholl, B. J., and Nakayama, K. (2002). Causal capture: Contextual effects on the perception of collision events. *Psychological Science*, 13(6), 493-498.

Scholl, B. J. (2001a). Objects and attention: The state of the art. *Cognition*, 80(1/2), 1-46.

Scholl, B. J., Pylyshyn, Z. W., and Feldman, J. (2001). What is a visual object? Evidence from target merging in multiple-object tracking. *Cognition*, 80(1/2), 159-177.

Most, S. B., Simons, D. J., Scholl, B. J., Jiminez, R., Clifford, E., and Chabris, C. F. (2001). How not to be seen: The contribution of similarity and selective ignoring to sustained inattentive blindness. *Psychological Science*, 12(1), 9-17.

Scholl, B. J., and Tremoulet, P. (2000). Perceptual causality and animacy. *Trends in Cognitive Sciences*, 4(8), 299-309.

Scholl, B. J. (2000). Attenuated change blindness for exogenously attended items in a flicker paradigm. *Visual Cognition*, 7(1/2/3), 377-396.

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Most, S. B., Simons, D. J., Scholl, B. J., and Chabris, C. F. (2000). Sustained inattentive blindness: The role of location in the detection of unexpected dynamic events. *Psyche*, 6(14).

Scholl, B. J., and Leslie, A. M. (1999a). Modularity, development, and 'theory of mind'. *Mind and Language*, 14(1), 131-153.

Scholl, B. J., and Pylyshyn, Z. W. (1999). Tracking multiple items through occlusion: Clues to visual objecthood. *Cognitive Psychology*, 38(2), 259-290.

Leslie, A. M., Xu, F., Tremoulet, P., and Scholl, B. J. (1998). Indexing and the object concept: Developing 'what' and 'where' systems. *Trends in Cognitive Sciences*, 2(1), 10-18.

Scholl, B. J. (1997a). Reasoning, rationality, and architectural resolution. *Philosophical Psychology*, 10(4), 451-470.

### ***Book Chapters***

Ongchoco, J. D. K., and Scholl, B. J. (in press). Figments of imagination: 'Scaffolded attention' creates nonsensory object and event representations. In A. Mroczko-Wąsowicz & R. Grush (Eds.), *Sensory Individuals: Contemporary Perspectives on Modality-specific and Multimodal Perceptual Objects*. Oxford: Oxford University Press.

Scholl, B. J., and Gao, T. (2013). Perceiving animacy and intentionality: Visual processing or higher-level judgment? In M. D. Rutherford & V. A. Kuhlmeier (Eds.), *Social perception: Detection and interpretation of animacy, agency, and intention* (pp. 197-230). Cambridge, MA: MIT Press.

Scholl, B. J., and Flombaum, J. I. (2010). Object persistence. In B. Goldstein (Ed.), *Encyclopedia of Perception*, Volume 2 (pp. 653-657). Thousand Oaks, CA: Sage Publications.

Scholl, B. J., and Turk-Browne, N. B. (2010). Statistical learning. In B. Goldstein (Ed.), *Encyclopedia of Perception*, Volume 2 (pp. 935-938). Thousand Oaks, CA: Sage Publications.

Scholl, B. J. (2009). What have we learned about attention from multiple object tracking (and vice versa)? In D. Dedrick & L. Trick (Eds.), *Computation, cognition, and Pylyshyn* (pp. 49-78). Cambridge, MA: MIT Press.

Cherries, E. W., Mitroff, S. R., Wynn, K., and Scholl, B. J. (2009). Do the same principles constrain persisting object representations in infant cognition and adult perception?: The cases of continuity and cohesion. In B. Hood & L. Santos (Eds.), *The Origins of Object Knowledge* (pp. 107-134). Oxford University Press.

Flombaum, J. I., Scholl, B. J., and Santos, L. R. (2009). Spatiotemporal priority as a fundamental principle of object persistence. In B. Hood & L. Santos (Eds.), *The Origins of Object Knowledge* (pp. 135-164). Oxford University Press.

Scholl, B. J. (2005). Innateness and (Bayesian) visual perception: Reconciling nativism and development. In P. Carruthers, S. Laurence, & S. Stich (Eds.), *The innate mind: Structure and contents* (pp. 34-52). Oxford University Press.

Scholl, B. J., Simons, D. J., and Levin, D. T. (2004). 'Change blindness' blindness: An implicit measure of a metacognitive error. In D. T. Levin (Ed.), *Thinking and seeing: Visual metacognition in adults and children* (pp. 145-164). Cambridge, MA: MIT Press.

Scholl, B. J., and Leslie, A. M. (1999b). Explaining the infant's object concept: Beyond the perception/cognition dichotomy. In E. Lepore & Z. Pylyshyn (Eds.), *What is cognitive science?* (pp. 26-73). Oxford: Blackwell.

### **Commentaries**

van Buren, B., and Scholl, B. J. (2018). Visual illusions as a tool for dissociating seeing from thinking: A reply to Braddick (2018). *Perception*, 47(10-11), 999-1001.

Firestone, C., and Scholl, B. J. (2017). Seeing and thinking in studies of embodied “perception”: How (not) to integrate vision science and social psychology. *Perspectives on Psychological Science*, 12(2), 341-343.

Firestone, C., and Scholl, B. J. (2016). ‘Moral perception’ reflects neither morality nor perception. *Trends in Cognitive Sciences*, 20(2), 75-76.

Scholl, B. J. (2004). Can infants’ object concepts be trained? *Trends in Cognitive Sciences*, 8(2), 49-51.

Scholl, B. J., and Leslie, A. M. (2001). Minds, modules, and meta-analysis. *Child Development*, 72(3), 696-701.

Reprinted as: Scholl, B. J., and Leslie, A. M. (2004). Minds, modules, and meta-analysis. In M. Mason (Ed.), *Taking sides: Clashing views on controversial issues in cognitive science* (pp. 34-43). McGraw-Hill.

Scholl, B. J., and Simons, D. J. (2001). Change blindness, Gibson, and the sensorimotor theory of vision. *Behavioral and Brain Sciences*, 24(5), 1004-1005.

Scholl, B. J. (2001b). Spatiotemporal priority and object identity. *Cahiers de Psychologie Cognitive*, 20(5), 359-371.

Scholl, B. J., and Xu, Y. (2001). The magical number 4 in vision. *Behavioral and Brain Sciences*, 24(1), 145-146.

Scholl, B. J. (1997b). Neural constraints on cognitive modularity? *Behavioral and Brain Sciences*, 20(4), 575-576.

### **Articles Under Review**

Belledonne, M., Butkus, E., Scholl, B. J., and Yildirim, I. (under review). Adaptive computation as a new mechanism of human attention.

Colombatto, C., Chen, Y. -C., van Buren, B., and Scholl, B. J. (under review). Foundations of social perception: Eye contact or ‘mind contact’?

Ongchoco, J. D. K., Walter-Terrill, R., and Scholl, B. J. (under review). Visual event boundaries eliminate anchoring effects in decision making.

Walter-Terrill, R., Ongchoco, J. D. K., and Scholl, B. J. (under review). Time to get a new videoconferencing microphone?: (Dis)fluency based on superficial audio quality changes higher-level social judgments.

Ongchoco, J. D. K., Wong, K. W., and Scholl, B. J. (under review). What’s next?: Time is subjectively dilated not only for ‘oddball’ events, but also for events immediately after oddballs.

Colombatto, C., Chen, Y. -C., and Scholl, B. J. (under review). Perceived gaze dynamics in social interactions can alter (and even reverse) the perceived temporal order of events.

Raila, H., and Scholl, B. J. (under review). Could some effects of emotion on cognition be driven by visual features, rather than semantic content?: Four case studies using the IAPS images.

van Buren, B., and Scholl, B. J. (under review). The 'blindfold test' for deciding whether an effect reflects visual processing or higher-level judgment.

Ongchoco, J. D. K., and Scholl, B. J. (under review). The hierarchy of experience: Memory is differentially disrupted by global vs. local event boundaries.

Uddenberg, S., and Scholl, B. J. (under review). Angrier = blacker?: The influence of emotional expression on the representation of race in faces, measured with serial reproduction.

van Buren, B., and Scholl, B. J. (under review). Who's chasing whom?: Changing background motion reverses impressions of chasing in perceived animacy.

Firestone, C., and Scholl, B. J. (under review). Seeing stability: Physical understanding is rooted in automatic visual processing.

Uddenberg, S., and Scholl, B. J. (under review). Ten angry men: Serial reproduction reveals that angry faces are represented as more masculine.

Uddenberg, S., Newman, G. E., and Scholl, B. J. (under review). Ensemble representations in visual communication: How well can we perceive average values from graphs of raw data?

Choi, H., and Scholl, B. J. (under review). Incidental change blindness in an extremely simple event.

Gao, T., New, J. J., and Scholl, B. J. (under review). Attention to intention: The perceived goals of moving shapes control how they are attended.

### ***Working Papers***

Ongchoco, J. D. K., and Scholl, B. J. (in preparation). Eye-tracking during 'everyday hallucinations': Scaffolded attention as a function of covert (rather than overt) attention.

Uddenberg, S., Kwak, J., and Scholl, B. J. (in preparation). Reconstructing representations of block towers: A new bias for physical stability in visual working memory.

Ongchoco, J. D. K., van Buren, B., and Scholl, B. J. (in preparation). Sensation and imagery combine to form hybrid object representations.

Ongchoco, J. D. K., and Scholl, B. J. (in preparation). Is memory 'flushed' by the start of a new event, or by the end of an old event?

Firestone, C., and Scholl, B. J. (in preparation). What counts as a shape? Hybrid shape representations revealed by the "tap-the-shape" task.

Firestone, C., and Scholl, B. J. (in preparation). Where do illusory letters come from?: Graphemic restoration is strikingly insensitive to context.

Chen, H., and Scholl, B. J. (in preparation). The role of visual change in driving motion-induced blindness: Attentional competition vs. perceptual scotomas.

Scholl, B. J. (in preparation). Academic authorship and the replaceability principle.

### **Invited Keynote/Plenary Addresses**

Scholl, B. J. (2018). Let's see what happens: Dynamic events as foundational representations for seeing and thinking. Keynote address given at the joint meeting of the *Asia Pacific Conference on Vision* and the *China Vision Science Conference*, 7/13/18, Hangzhou, China.

Scholl, B. J. (2017). Cognition does not affect perception. Keynote address given at the annual meeting of the *European Conference on Visual Perception*, 8/29/17, Berlin, Germany. [Part of the 'Keynote dialogue': 'Two views, one vision: Does cognition penetrate perception?']

Scholl, B. J. (2016). Let's see what happens: Dynamic events as foundational units of perception and cognition. Keynote address given at the annual meeting of the *Cognitive Science Society*, 8/11/16, Philadelphia, PA.

Scholl, B. J. (2015). Core knowledge grows up. Keynote address given at the annual *Budapest CEU Conference on Cognitive Development*, 1/10/15, Budapest, Hungary.

Scholl, B. J. (2012). Philosophical vision. Presidential address given at the annual meeting of the *Society for Philosophy and Psychology*, 6/23/12, Boulder, CO.

Scholl, B. J. (2011). It's alive!: Some visual roots of social cognition. Keynote address given at the annual *Object Perception, Attention, and Memory* meeting, 11/3/11, Seattle, WA.

## Invited Conference and Workshop Presentations

Scholl, B. J. (2022). Regularity, multiple realizability, and a naïve metaphysics of computation. Invited talk given at the 'Metaphysics of Computation' session at the annual meeting of the *Philosophy of Science Association*, 11/10/22, Pittsburgh, PA.

Scholl, B. J. (2021). Seeing beyond: Visual perception of agency, causality, and history. Invited talk given at the Rutgers *Religious Experience and Perception* workshop, 10/8/21, New Brunswick, NJ.

Scholl, B. J. (2021). Object lessons: Seeing structure in space and time. Invited talk given at the Yale *Object Cognition* workshop, 6/15/21, New Haven, CT [Virtual].

Scholl, B. J. (2020). Roots of aesthetic experience in visual processing? Invited talk given at the *American Society for Aesthetics*, 11/14/20, Washington, DC [Virtual].

Scholl, B. J. (2020). Teaching seeing: Visual perception as a case study for how to introduce students to the study of the mind. Invited talk given at the *19<sup>th</sup> International Convention on Psychology*, International Education Circle, 10/10/20, Manila, Phillipines [Virtual].

Scholl, B. J. (2019). The science of seeing [in conversation with Larry Kagan]. Invited talk given for the *33<sup>rd</sup> Babson Lecture* at the Montclair Art Museum, 10/24/19, Montclair, NJ.

Scholl, B. J. (2019). From shape and motion to causality and animacy: How Michotte expanded our understanding of the scope of visual perception. Invited symposium talk given at the annual meeting of the *European Conference on Visual Perception*, 8/26/19, Leuven, Belgium.

Scholl, B. J. (2019). Do my eyes deceive me? The science of visual awareness. Invited talk given for *One Day University*, 7/25/19, Philadelphia, PA.

Scholl, B. J. (2019). Distinguishing between seeing and thinking helps to reveal how the mind works. Invited address given at the *International Convention of Psychological Science*, 3/9/19, Paris, France.

Scholl, B. J. (2019). Teaching seeing: Visual perception as a case study for how to introduce students to cognitive science. Invited talk given at the annual *Pre-Conference Teaching Institute* at the *International Convention of Psychological Science*, 3/7/19, Paris, France.

Scholl, B. J. (2017). Do my eyes deceive me? The science of visual awareness. Invited talk given for *One Day University*, 9/23/17, Providence, RI.

Scholl, B. J. (2017). Awareness, access, and visual representation. Invited talk given at the Kavli Workshop on *Neural Mechanisms of Attention and Awareness*, 7/27/17, New Haven, CT.



Scholl, B. J. (2017). How does seeing relate to thinking? Keynote address given at the first annual Simon Fraser *Cognitive Science Workshop*, 6/3/17, Vancouver, BC, Canada.

Scholl, B. J. (2016). Now you see it, now you don't: The science of visual awareness. Invited talk given at the *Branford Forum*, 11/20/16, Branford, CT.

Scholl, B. J. (2016). Dynamic events as foundational units of perception and cognition. Invited talk given for the *Rutgers 250 Celebration*, 11/9/16, New Brunswick, NJ.

Scholl, B. J. (2016). Do my eyes deceive me? The science of visual awareness. Invited talk given for *One Day University*, 9/25/16, Washington, DC.

Scholl, B. J. (2016). Perceiving the social and physical world. Invited talk given at the ONR MURI meeting on *Understanding scenes and events through joint parsing, cognitive reasoning, and lifelong learning*, 8/2/16, Oxford, England.

Scholl, B. J. (2016). Computation, Cognition, Pylyshyn. Invited talk given at the *ZenFest* meeting in honor of Zenon Pylyshyn, 5/20/16, Piscataway, NJ.

Scholl, B. J. (2016). Some (mildly outrageous?) thoughts about the role of fMRI in Psychology. Invited presentation as part of a debate with Nancy Kanwisher on *How (and How Much) Do fMRI Studies Contribute to Psychology?*, Northwestern University Cognitive Science Program, 4/12/16, Evanston, IL.

Scholl, B. J. (2016). Now you see it, now you don't: The science of visual awareness. Invited talk given at the *Yale Club of Southern Arizona*, 2/25/16, Tuscon, AZ.

Scholl, B. J. (2015). Do my eyes deceive me? The science of visual awareness. Invited talk given for *One Day University*, 10/25/15, New York, NY.

Samanez-Larkin, G., and Scholl, B. J. (2015). The science and practice of graphing data. Invited talk given at the Yale Department of Psychology *Current Work in Cognitive Psychology* seminar, 9/22/15, New Haven, CT.

Scholl, B. J. (2015). Seeing and representing visual events. Invited talk given at the *Vision Meets Cognition* workshop at annual *Computer Vision and Pattern Recognition* meeting, 6/11/15, Boston, MA.

Scholl, B. J. (2015). Just look: Three things I learned from Ken, and one thing I didn't (yet). Invited comments delivered at the *Harvard Vision Lab 100 Celebration* (in honor of Ken Nakayama), 5/23/15, Cambridge, MA.

Scholl, B. J. (2015). There are no top-down effects on perception. Invited talk given at the annual *Concepts, Actions, and Objects* workshop, 5/9/15, Rovereto, Italy.

Scholl, B. J. (2014). There are no (interesting) top-down effects on perception. Invited talk given as part of an *NYU Center for Mind, Brain, & Consciousness* debate (moderated by Ned Block and Dave Chalmers), 12/4/14, New York, NY.

Scholl, B. J. (2014). Vision from the top down. Invited talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/20/14, Vancouver, BC, Canada.

Scholl, B. J. (2014). Philosophical vision. Invited talk given at the Carleton College *Roufest* gathering in honor of Roy Elveton, 4/19/14, Northfield, MN.

Scholl, B. J. (2014). Optimality and the lack thereof in perception and choice. Invited commentary given at the *Yale Workshop on Perception and Choice*, 3/7/14, New Haven, CT.

Scholl, B. J. (2013). A vision of philosophy. Invited talk given at the Princeton seminar on *Time, Consciousness, and Reality: Cognitive Science and/or the Armchair*, 10/24/13, Princeton, NJ.

Scholl, B. J. (2013). Some (mildly outrageous?) thoughts about the role of fMRI in CogSci. Invited presentation as part of a debate with Rebecca Saxe on *The Role of fMRI in Cognitive Science*, Harvard University MBB Program, 5/2/13, Cambridge, MA.

Scholl, B. J. (2013). Now you see it, now you don't: The science of visual awareness. Invited talk given at the *Science Saturdays* program, 4/16/13, New Haven, CT.

Scholl, B. J. (2013). Awareness, access, and visual representation. Invited talk given at the Oxford workshop on *Perception, Awareness, and Competition*, 2/2/13, Oxford, England.

Scholl, B. J. (2013). Seeing (and not seeing). Invited talk given at the *CogSci Connects* conference, 1/5/13, University Town, National University of Singapore, Singapore.

Scholl, B. J. (2012). Thoughts on "top-down" effects on perception. Invited commentary given at the *NYU Workshop on the Modularity of Perception*, 12/2/12, New York, NY.

Scholl, B. J. (2011). Perceptual roots of metaphysical intuitions? Invited talk given at the annual meeting of the *American Philosophical Association* (Eastern division), 12/30/11, Washington, DC.

Scholl, B. J. (2011). Active inhibition of visual awareness. Invited talk given at the NYU/Donders meeting on *Attention, Expectation, and Awareness*, 11/20/11, New York, NY.

Scholl, B. J. (2011). Social vision from motion. Invited talk given at the *Harvard Mind/Brain/Behavior Symposium on Social Vision*, 9/18/11, Cambridge, MA.

Scholl, B. J. (2011). Really perceiving animacy. Invited talk given at the McMaster workshop on *Social Perception*, 6/11/11, Hamilton, ON.

Scholl, B. J. (2011). Perceiving animacy in geometric shapes. Invited talk given at the *Images of Animate Movement: Representations of Life* conference, 5/28/11, Basel, Switzerland.

Scholl, B. J. (2010). Twelve minutes' worth of thoughts on the future of psychological science. Invited talk given at the Johns Hopkins University *Futures Seminar on Psychological and Brain Sciences*, 12/16/10, Baltimore, MD.

Scholl, B. J. (2010). It's alive!: Perceiving intentional objects. Invited talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/12/10, Portland, OR.

Scholl, B. J. (2009). The logic of seeing (and not seeing). Invited talk given at the ANU workshop on *Attention and Consciousness*, Australian National University, 6/25/09, Canberra, ACT, Australia.

Scholl, B. J. (2008). Varieties of social attention. Invited talk given at the working meeting on *The Cognitive Phenotype in Autism*, 9/7/08, New York, NY.

Scholl, B. J. (2008). Two kinds of experimental philosophy, and their methodological dangers. Invited talk given at the *SPP Workshop on Experimental Philosophy*, University of Pennsylvania, 6/25/08, Philadelphia, PA.

Scholl, B. J. (2008). Perceived animacy, modularity, and the psychophysics of chasing. Invited talk given at the ONR workshop on *Spanning the Socio-Cognitive Modeling Gap: From Development to Social Simulation*, MIT, 2/29/08, Cambridge, MA.

Scholl, B. J. (2006). Object persistence in philosophy and psychology. Invited presentation at the *Philosophy of Perception* seminar, Brown University, 10/24/06, Providence, RI.

Scholl, B. J. (2006). The future of cognitive science (education). Invited discussion presented at the *Cognitive Science Curriculum Workshop*, Indiana University, 6/27/06, Bloomington, IN.

Scholl, B. J. (2006). Object persistence. Invited talk given at the *Mind & Language Workshop on 'Objects'*, 6/9/06, London, England.

Scholl, B. J. (2006). Perceiving persisting objects: Implications for metaphysics? Invited presentation made to Steve Stich's *Experimental Philosophy* seminar, Rutgers University, 3/31/06, New Brunswick, NJ.

Scholl, B. J. (2005). The nature of causal perception. Invited talk given at the 2005 J. R. Nuttin Workshop, *The Legacy of Albert Michotte*, 9/24/05, Leuven, Belgium.

Scholl, B. J. (2005). Objects and attention. Invited talk given at the National Academy of Sciences *Frontiers of Science Symposium* (German-American meeting), 6/4/05, Irvine, CA.

Scholl, B. J. (2005). The nature and importance of object tracking. Invited talk given at the 'Zencon' conference in honor of Zenon Pylyshyn, 5/1/05, Guelph, Ontario.

Mitroff, S. R., Scholl, B. J., and Wynn, K. (2005). What vision researchers can learn from infants: Evidence of core principles guiding adult object persistence. Invited talk given at the *ESRC Council Symposium on Comparative Issues in Object Representation*, 4/23/05, New Haven, CT.

Cherries, E., Wynn, K., and Scholl, B. J. (2005). What infancy researchers can learn from adults: Evidence of core principles guiding infant object persistence. Invited talk given at the *ESRC Council Symposium on Comparative Issues in Object Representation*, 4/23/05, New Haven, CT.

Flombaum, J. I., Santos, L. R., and Scholl, B. J. (2005). Persisting object representations in adult monkeys (*Macaca mulatta*) and humans. Invited talk given at the *ESRC Council Symposium on Comparative Issues in Object Representation*, 4/22/05, New Haven, CT.

Scholl, B. J. (2005). The nature of causal perception. Invited talk given at the *AHRB Workshop on Causal Understanding*, 4/1/05, Warwick, England.

Scholl, B. J. (2004). Perceiving persisting objects. Invited symposium talk given at the First Joint Conference of the *Society for Philosophy & Psychology* and the *European Society for Philosophy & Psychology*, 7/6/04, Barcelona, Spain.

Scholl, B. J. (2002). The units of attention. Invited address given at the *Second International Symposium on the Integrative use of Internal Knowledge and External Information in Human Cognition*, 10/4/02, Kyoto, Japan.

Scholl, B. J. (2002). Perceiving persisting objects. Invited address given at the *First International Workshop on Attention and Cognition*, 10/8/02, Kyoto, Japan.

Scholl, B. J. (2002). Attention, awareness, and metacognition. Invited talk given at the *Kent Forum on Visual Metacognition*, 6/3/02, Millersburg, OH.

Scholl, B. J. (2002). Commentary on Gallistel (2000). Invited commentary given at the *Hang Seng Workshop on Innateness and the Structure of Mind*, 4/6/02, Sheffield, England.

Scholl, B. J. (2001). Is there a science of mind, brain, and behavior? Invited keynote address given at the annual *Harvard Mind, Brain, & Behavior Undergraduate Conference*, 4/28/01, Cambridge, MA.

Scholl, B. J. (1999). Two ways of asking 'What is a visual object?' (and some answers). Invited talk given at the annual meeting of the *Cognitive Science Society*, 8/21/99, Vancouver, British Columbia.

Scholl, B. J. (1999). Objecthood in cognitive development and visual attention. Invited talk given at the *Rutgers Symposium on Learning: Object Cognition*, 5/22/99, Piscataway, NJ.

## Submitted Conference Presentations

McCrackin, S., Colombatto, C., Fratino, V., Scholl, B. J., and Ristic, J. (2022). Pupil dilation widens the perceived cone of direct gaze. Talk given at the annual meeting of the *Psychonomic Society*, 11/19/22, Boston, MA.

Ongchoco, J. D. K., Graves, K. N., and Scholl, B. J. (2022). Visual event boundaries automatically reset implicit statistical learning. Poster presented at the annual *Object Perception, Attention, & Memory* meeting, 11/17/22, Boston, MA.

Colombatto, C., Guo, Y., Scholl, B. J., and Ristic, J. (2022). Pupil size modulates gaze cueing. Poster presented at the annual meeting of the *Psychonomic Society*, 11/17/22, Boston, MA.

Colombatto, C., and Scholl, B. J. (2022). Attending to attention: Reverse correlation reveals how we perceive attentiveness in other people's faces. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/17/22, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 22(14), 3339, <https://jov.arvojournals.org/article.aspx?articleid=2783984>.]

Walter-Terrill, R., and Scholl, B. J. (2022). Postdiction enhances temporal experience. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/22, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 22(14), 3851, <https://jov.arvojournals.org/article.aspx?articleid=2784610>.]

Wong, K., and Scholl, B. J. (2022). Spatial affordances can automatically trigger dynamic visual routines: Spontaneous path tracing in task-irrelevant mazes. Talk presented at the annual meeting of the *Vision Sciences Society*, 5/14/22, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 22(14), 3353, <https://jov.arvojournals.org/article.aspx?articleid=2783972>.]

Ongchoco, J. D. K., Walter-Terrill, R., and Scholl, B. J. (2022). Visual event boundaries promote cognitive reflection over gut intuitions. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/14/22, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 22(14), 3305, <https://jov.arvojournals.org/article.aspx?articleid=2784013>.]

Erdogan, M., and Scholl, B. J. (2022). How slow can you go?: Domain-specific psychophysical limits on the perception of animacy in slow-moving displays. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/14/22, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 22(14), 4387, <https://jov.arvojournals.org/article.aspx?articleid=2785145>.]

Koller, W., Ongchoco, J. D. K., Bronstein, M. V., Scholl, B. J., and Cannon, T. (2021). Events are remembered as having occurred more recently in paranoia. Poster presented at the annual meeting of the *Association for Behavioral and Cognitive Therapies*, 11/18/21, Online.

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, & Memory* meeting, 11/4/21, Online.

Ongchoco, J. D. K., Koller, W. N., Bronstein, M. V., Yates, T. S., Cannon, T. D., and Scholl, B. J. (2021). Out of sync in time and thought: The influence of perceived event segmentation on temporal memory is diminished for individuals high in paranoia. Poster presented at the annual *Object Perception, Attention, & Memory* meeting, 11/4/21, Online.

Ongchoco, J. D. K., and Scholl, B. J. (2021). Is memory 'flushed' by the start of a new event, or by the end of an old event? Talk given at the annual meeting of the *European Conference on Visual Perception*, 8/24/21, Online.

van Buren, B., Ongchoco, J. D. K., and Scholl, B. J. (2021). Sensation and imagery combine to form hybrid object representations. Poster presented at the annual meeting of the *European Conference on Visual Perception*, 8/24/21, Online.

Bi, W., Shah, A., Wong, K. W., Scholl, B. J., and Yildirim, I. (2021). Perception of soft materials relies on physics-based object representations: Behavioral and computational evidence. Talk given at the annual meeting of the *Cognitive Science Society*, 7/29/21, Online.

Colombatto, C., Chen, Y. -C., van Buren, B., and Scholl, B. J. (2021). From eyes to minds: Perceiving perception, and attention to attention? Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/30/21, Online.

- Ongchoco, J. D. K., and Scholl, B. J. (2021). Figments of imagination: 'Scaffolded attention' creates non-sensory object and event representations. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/29/21, Online. [**Winner, 2021 William James Prize for best graduate student paper**]
- Berke, M. D., Walter-Terrill, R., Jara-Ettinger, J., and Scholl, B. J. (2021). Flexible goals require that inflexible perceptual systems produce veridical representations: Implications for realism as revealed by evolutionary simulations. Talk given at the annual meeting of the *Vision Sciences Society*, 5/26/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2416, <https://jov.arvojournals.org/article.aspx?articleid=2777285>.]
- Uddenberg, S., Kwak, J., and Scholl, B. J. (2021). Reconstructing physical representations of block towers in visual working memory. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/24/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2929, <https://jov.arvojournals.org/article.aspx?articleid=2777543>.]
- Ongchoco, J. D. K., Walter-Terrill, R., and Scholl, B. J. (2021). Visual event boundaries eliminate anchoring effects: A case study in the power of visual perception to influence decision-making. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/24/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2403, <https://jov.arvojournals.org/article.aspx?articleid=2777298>.]
- 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 meeting of the *Vision Sciences Society*, 5/23/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2211, <https://jov.arvojournals.org/article.aspx?articleid=2777474>.]
- Belledonne, M., Butkus, E., Scholl, B. J., and Yildirim, I. (2021). Attentional dynamics during multiple object tracking are explained at subsecond resolution by a new 'hypothesis-driven adaptive computation' framework. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2253, <https://jov.arvojournals.org/article.aspx?articleid=2777434>.]
- Colombatto, C., Chen, Y. -C., and Scholl, B. J. (2021). Gazing to look vs. gazing to think: Gaze cueing is modulated by the perception of others' external vs. internal attention. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2800, <https://jov.arvojournals.org/article.aspx?articleid=2777666>.]
- Bi, W., Shah, A., Wong, K. W., Scholl, B. J., and Yildirim, I. (2021). Perception of soft materials relies on physics-based object representations: Behavioral and computational evidence. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2624, <https://jov.arvojournals.org/article.aspx?articleid=2777828>.]
- Lopez-Brau, M., Colombatto, C., Jara-Ettinger, J., and Scholl, B. J. (2021). Attentional prioritization for historical traces of agency. Talk given at the annual meeting of the *Vision Sciences Society*, 5/22/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2748, <https://jov.arvojournals.org/article.aspx?articleid=2777716>.]
- Wang, V., Ongchoco, J. D. K., and Scholl, B. J. (2021). Here it comes: Working memory is effectively 'flushed' even just by anticipation of an impending visual event boundary. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/22/21, Online. [Abstract published in *Journal of Vision*, 21(9), 2379, <https://jov.arvojournals.org/article.aspx?articleid=2777319>.]
- Walter-Terrill, R., Ongchoco, J. D. K., and Scholl, B. J. (2020). Visual event boundaries eliminate anchoring effects in decision making. Poster presented at the annual *Object Perception, Attention, & Memory* meeting, 11/18/20, Online.
- Colombatto, C., Chen, Y. -C., and Scholl, B. J. (2020). Observed gaze dynamics in social interactions alter the perceived temporal order of events. Talk given at the annual *Object Perception, Attention, & Memory* meeting, 11/18/20, Online.
- 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, & Memory* meeting, 11/18/20, Online.
- Yates, T. S., Ongchoco, J. D. K., and Scholl, B. J. (2020). Rhythmic reproductions reveal how event segmentation structures temporal experience. Poster presented at the annual *Object Perception, Attention, & Memory* meeting, 11/18/20, Online.
- Ongchoco, J. D. K., and Scholl, B. J. (2020). Hallucinating visual structure: Individual differences in 'scaffolded attention'. Poster presented at the annual *Object Perception, Attention, & Memory* meeting, 11/18/20, Online.
- Butkus, E., Belledonne, M., Scholl, B. J., and Yildirim, I. (2020). Modeling temporal attention in dynamic scenes: Hypothesis-driven resource allocation using adaptive computation explains both objective tracking performance and subject effort judgments. Talk given at the annual meeting of the *Cognitive Science Society*, 8/1/20, Online.
- Hu, Y., Ongchoco, J. D. K., and Scholl, B. J. (2020). From causal perception to event segmentation: Using spatial memory to reveal how many visual events are involved in causal launching. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/20, Online. [Abstract published in *Journal of Vision*, 20(11), 469, <https://jov.arvojournals.org/article.aspx?articleid=2771582>.]
- Ongchoco, J. D. K., and Scholl, B. J. (2020). The hierarchy of experience: Visual memory is differentially disrupted by local vs. global event boundaries. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/20, Online. [Abstract published in *Journal of Vision*, 20(11), 464, <https://jov.arvojournals.org/article.aspx?articleid=2771580>.]

Kwak, J., Uddenberg, S., and Scholl, B. J. (2020). Will it fall?: Exploring the properties that mediate perceived physical instability. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/20, Online. [Abstract published in *Journal of Vision*, 20(11), 1750, <https://jov.arvojournals.org/article.aspx?articleid=2771387>.]

Ongchoco, J. D. K., and Scholl, B. J. (2019). Scaffolded attention: How imagination creates object representations. Talk given at the annual *Object Perception, Attention, and Memory* meeting, 11/14/19, Montreal, Canada.

Colombatto, C., and Scholl, B. J. (2019). Unconscious attentional contagion: Faster breakthrough into awareness for faces with dilated pupils. Poster presented at the annual *Object Perception, Attention, and Memory* meeting, 11/14/19, Montreal, Canada

Kryven, M., Croom, S., Scholl, B. J., and Tenenbaum, J. (2019). Look out, it's going to fall!: Does physical instability capture attention and lead to distraction? Poster presented at the annual meeting of the *Cognitive Science Society*, 7/26/19, Montreal, Canada.

Kryven, M., Croom, S., Scholl, B. J., and Tenenbaum, J. (2019). Look out, it's going to fall!: A connection between intuitive physics and visual attention? Poster presented at the annual meeting of the *Society for Philosophy and Psychology*, 7/11/19, San Diego, CA.

Lin, Q., Yousif, S., Scholl, B. J., and Chun, M. (2019). Image memorability is driven by visual and conceptual distinctiveness. Talk given at the annual meeting of the *Vision Sciences Society*, 5/22/19, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 19(10), 290c, <https://arvojournals.org/article.aspx?articleid=2751106>.]

Colombatto, C., and Scholl, B. J. (2019). Unconscious pupillometry: Faces with dilated pupils gain preferential access to visual awareness. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/21/19, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 19(10), 218, <https://arvojournals.org/article.aspx?articleid=2750796>.]

Uddenberg, S., Colombatto, C., and Scholl, B. J. (2019). The speed of demography in face perception. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/21/19, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 19(10), 229d, <https://arvojournals.org/article.aspx?articleid=2750849>.]

Chen, Y. -C., Chang, A., Rosenberg, M., Scholl, B. J., and Trainor, L. (2019). Are you the sort of person who would like this? Quantifying the typicality of aesthetic taste across seeing and hearing. Talk given at the annual meeting of the *Vision Sciences Society*, 5/20/19, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 19(10), 174b, <https://arvojournals.org/article.aspx?articleid=2750617>.]

Yousif, S., Chen, Y. -C., and Scholl, B. J. (2019). Systematic biases in the representation of visual space. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/19, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 19(10), 202b, <https://arvojournals.org/article.aspx?articleid=2750734>.]

Ongchoco, J., and Scholl, B. J. (2019). How to create objects with your mind: From object-based attention to attention-based objects. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/18/19, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 19(10), 46c, <https://arvojournals.org/article.aspx?articleid=2750040>.]

van Buren, B., and Scholl, B. J. (2018). Who's chasing whom?: Changing background motion reverses impressions of chasing in perceived animacy. Talk given at the annual meeting of the *European Conference on Visual Perception*, 8/29/18, Trieste, Italy.

Colombatto, C., and Scholl, B. J. (2018). Illusions of morality: Visual impressions of causality override overt judgment in moral decision making. Talk given at the annual meeting of the *European Conference on Visual Perception*, 8/27/18, Trieste, Italy.

Kominsky, J., and Scholl, B. J. (2018). Retinotopically specific visual adaptation reveals the structure of causal events in perception. Talk given at the annual meeting of the *Cognitive Science Society*, 7/27/18, Madison, WI.

Chen, Y. -C., Colombatto, C., and Scholl, B. J. (2018). Looking into the future: An inward bias in aesthetic experience driven only by gaze cues. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 1333, <http://jov.arvojournals.org/article.aspx?articleid=2700313>.]

Kominsky, J., and Scholl, B. J. (2018). Retinotopically specific adaptation reveals different categories of causal events: Launching vs. entraining. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 1323, <http://jov.arvojournals.org/article.aspx?articleid=2700303>.]

Yousif, S., Chen, Y. -C., and Scholl, B. J. (2018). The origin of spatial biases: Memory, perception, or action? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 1324, <http://jov.arvojournals.org/article.aspx?articleid=2700304>.]

Lin, Q., Yousif, S., Scholl, B. J., and Chun, M. (2018). Visual memorability in the absence of semantic content. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 1302, <http://jov.arvojournals.org/article.aspx?articleid=2700282>.]

Uddenberg, S., and Scholl, B. J. (2018). Ten angry men: Serial reproduction of faces reveals that angry faces are represented as more masculine. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 608, <http://jov.arvojournals.org/article.aspx?articleid=2699598>.]

Colombatto, C., Chen, Y. -C., and Scholl, B. J. (2018). Gaze cueing is tuned to extract the mind behind the gaze: Investigations of 'gaze deflection'. Talk given at the annual meeting of the *Vision Sciences Society*, 5/19/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 197, <http://jov.arvojournals.org/article.aspx?articleid=2699191>.]

Onghoco, J., and Scholl, B. J. (2018). The end of motion: How the structure of simple visual events impacts working memory and enumeration. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/19/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 84, <http://jov.arvojournals.org/article.aspx?articleid=2699078>.]

van Buren, B., and Scholl, B. J. (2018). The 'Blindfold Test' for deciding whether an effect reflects visual processing or higher-level judgment. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/19/18, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 18(10), 56, <http://jov.arvojournals.org/article.aspx?articleid=2699050>.]

Raila, H., and Scholl, B.J. (2018). Many effects of emotion on cognition may be driven by low-level visual features, rather than semantic content: Four very different case studies using the IAPS images. Poster presented at the annual *Society for Personality and Social Psychology Emotion Preconference*, 3/1/18, Atlanta, GA.

Colombatto, C., Chen, Y. -C., and Scholl, B. J. (2017). Gaze cueing is tuned to extract the mind behind the gaze: Investigations of 'gaze deflection'. Poster presented at the annual meeting of the *European Conference on Visual Perception*, 8/29/17, Berlin, Germany.

Van Buren, B., and Scholl, B. J. (2017). The 'blindfold test' for deciding whether an effect reflects visual processing or higher-level judgment. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/30/17, Baltimore, MD.

Yousif, S. R., and Scholl, B. J. (2017). The one-is-more illusion: Sets of discrete objects appear less extended than equivalent continuous entities in both space and time. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/24/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 1387, <http://jov.arvojournals.org/article.aspx?articleid=2652252>.]

Lowet, A., Firestone, C., and Scholl, B. J. (2017). Seeing structure: Perceived similarity is driven by shape skeletons. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/24/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 1380, <http://jov.arvojournals.org/article.aspx?articleid=2652245>.]

Uddenberg, S., and Scholl, B. J. (2017). Angrier = Blacker?: The influence of emotional expression on the representation of race in faces, measured with serial reproduction. Talk given at the annual meeting of the *Vision Sciences Society*, 5/23/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 912, <http://jov.arvojournals.org/article.aspx?articleid=2651786>.]

Chen, Y. -C., Raila, H., and Scholl, B. J. (2017). Sad minds seeking happy stimuli: Trait happiness predicts how quickly happy faces reach visual awareness. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/23/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 1210, <http://jov.arvojournals.org/article.aspx?articleid=2652077>.]

Firestone, C., and Scholl, B. J. (2017). Seeing physics in the blink of an eye. Talk given at the annual meeting of the *Vision Sciences Society*, 5/20/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 203, <http://jov.arvojournals.org/article.aspx?articleid=2651088>.]

Van Buren, B., and Scholl, B. J. (2017). Who's chasing whom?: Changing background motion reverses impressions of chasing in perceived animacy. Talk given at the annual meeting of the *Vision Sciences Society*, 5/20/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 214, <http://jov.arvojournals.org/article.aspx?articleid=2651099>.]

Colombatto, C., van Buren, B., and Scholl, B. J. (2017). 'Mind contact': Might eye-gaze effects actually reflect more general phenomena of perceived attention and intention? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/17, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 17(10), 60, <http://jov.arvojournals.org/article.aspx?articleid=2650946>.]

Raila, H., Chen, Y. -C., and Scholl, B. J. (2017). Unhappy people quickly promote happy faces into awareness. Talk given at the annual meeting of the *Society for Affective Science*, 4/29/17, Boston, MA.

Firestone, C., and Scholl, B. J. (2016). Seeing stability: Perception and attention extract features of intuitive physics. Talk given at the annual *Object Perception, Attention, and Memory* meeting, 11/17/16, Boston, MA.

Ward, E., Bear, A., and Scholl, B. J. (2016). Can you perceive ensembles without perceiving individuals?: The role of statistical perception in determining whether awareness overflows access. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/6/16, Austin, TX.

van Buren, B., and Scholl, B. J. (2016). Minds in motion in memory: Enhanced spatial memory driven by the perceived animacy of simple shapes. Poster presented at the annual meeting of the *Association for Psychological Science*, 5/27/16, Chicago, IL.

Uddenberg, S., Newman, G., and Scholl, B. J. (2016). Perceptual averaging of scientific data: Implications of ensemble representations for the perception of patterns in graphs. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/17/16, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 16(12), 1081, <http://jov.arvojournals.org/article.aspx?articleid=2551055>.]

van Buren, B., Gao, T., and Scholl, B. J. (2016). What are the underlying units of perceived animacy?: Chasing detection is intrinsically object-based. Talk given at the annual meeting of the *Vision Sciences Society*, 5/15/16, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 16(12), 394, <http://jov.arvojournals.org/article.aspx?articleid=2550374> .]



- Firestone, C., and Scholl, B. J. (2016). Seeing stability: Intuitive physics automatically guides selective attention. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/16, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 16(12), 689, <http://jov.arvojournals.org/article.aspx?articleid=2550672> .]
- Kominsky, J., and Scholl, B. J. (2016). Retinotopic adaptation reveals multiple distinct categories of causal perception. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/14/16, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 16(12), 333, <http://jov.arvojournals.org/article.aspx?articleid=2550318> .]
- van Buren, B., Uddenberg, S., and Scholl, B. J. (2015). The automaticity of perceiving animacy: Seeing goal-directed motion in simple shapes influences visuomotor behavior even when task-irrelevant. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/19/15, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 15(12), 1187, <http://jov.arvojournals.org/article.aspx?articleid=2434298> .]
- Chen, Y., -C., and Scholl, B. J. (2015). The perception of history: Seeing causal history in static shapes is powerful enough to induce illusory motion perception. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/19/15, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 15(12), 1035, <http://jov.arvojournals.org/article.aspx?articleid=2434145> .]
- Uddenberg, S., and Scholl, B. J. (2015). Revealing mental defaults in face space with serial reproduction. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/19/15, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 15(12), 1214, <http://jov.arvojournals.org/article.aspx?articleid=2434330> .]
- Firestone, C., and Scholl, B. J. (2015). Can you simultaneously represent a figure as both an object and an open contour? Hybrid shape representations revealed by the 'tap-the-shape' task. Talk given at the annual meeting of the *Vision Sciences Society*, 5/19/15, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 15(12), 1125, <http://jov.arvojournals.org/article.aspx?articleid=2434235> .]
- Ward, E. J., and Scholl, B. J. (2015). Inattention blindness reflects limitations on perception, not memory: Evidence from repeated failures of awareness. Talk given at the annual meeting of the *Vision Sciences Society*, 5/16/15, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 15(12), 182, <http://jov.arvojournals.org/article.aspx?articleid=2433220> .]
- van Buren, B., and Scholl, B. J. (2014). Perceived animacy influences other forms of visual processing: Improved sensitivity to the orientations of intentionally moving objects. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/20/14, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 14(10), 1023a, <http://www.journalofvision.org/content/14/10/1023/> .]
- Meyerhoff, H., and Scholl, B. J. (2014). Auditory-induced bouncing is a visual (rather than a cognitive) phenomenon: Evidence from illusory crescents. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/18/14, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 14(10), 426a, <http://www.journalofvision.org/content/14/10/426/> .]
- Chen, Y. -C., and Scholl, B. J. (2014). Seeing and liking from the outside in: Consistent inward biases in visual perception and aesthetic preferences. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/17/14, St. Pete Beach, FL. [Abstract published in *Journal of Vision*, 14(10), 246a, <http://www.journalofvision.org/content/14/10/246/> .] [Winner, 2014 *Best Poster Award*]
- Meyerhoff, H. S., and Scholl, B. J. (2014). Auditory-induced bouncing is a visual (rather than a cognitive) phenomenon: Evidence from illusory crescents. Talk given at the annual *Tagung experimentell arbeitender Psychologen / Conference of Experimental Psychology*, 4/1/14, Giessen, Germany.
- Raila, H., Scholl, B. J., and Gruber, J. (2014). Seeing the world through rose-colored glasses: People who are happy and satisfied with life preferentially attend to positive stimuli. Poster presented at the annual *Society for Personality and Social Psychology Emotion Preconference*, 2/1/14, Austin, TX.
- Liverence, B. M., and Scholl, B. J. (2013). Object persistence and environmental geometry enhance spatial navigation: A case study in smartphone vision science. Talk given at the annual *Object Perception Attention and Memory* meeting, 11/14/13, Toronto, ON, Canada.
- Firestone, C., and Scholl, B. J. (2013). 'Top-down' effects where none should be found: The 'El Greco' fallacy in perception research. Talk given at the annual meeting of the *European Society for Philosophy and Psychology*, 7/9/13, Granada, Spain.
- Firestone, C., and Scholl, B. J. (2013). 'Top-down' effects where none should be found: The 'El Greco' fallacy in perception research. Talk given at the annual meeting of the *Society for Philosophy and Psychology*, 6/14/13, Providence, RI. [Winner, 2013 *William James Prize for best graduate student paper*]
- Ward, E., and Scholl, B. J. (2013). Making the switch: Transient unconscious cues can disambiguate bistable images. Talk given at the annual meeting of the *Vision Sciences Society*, 5/14/13, Naples, FL. [Abstract published in *Journal of Vision*, 13(9), 1107a, <http://www.journalofvision.org/content/13/9/1107/> .]
- Albrecht, A. R., Scholl, B. J., and McCarthy, G. (2013). Is perceptual averaging an ability or a reflex? Electrophysiological evidence for automatic averaging. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/14/13, Naples, FL. [Abstract published in *Journal of Vision*, 13(9), 1058a, <http://www.journalofvision.org/content/13/9/1058/> .]

Chen, H., and Scholl, B. J. (2013). Congruence with items held in visual working memory boosts invisible stimuli into awareness: Evidence from motion-induced blindness. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/13/13, Naples, FL. [Abstract published in *Journal of Vision*, 13(9), 808a, <http://www.journalofvision.org/content/13/9/808/> .]

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De Freitas, J., Liverence, B. M., and Scholl, B. J. (2013). Visual and auditory object-based attention driven by rhythmic structure over time. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/11/13, Naples, FL. [Abstract published in *Journal of Vision*, 13(9), 152a, <http://www.journalofvision.org/content/13/9/152/> .]

Chen, Y., and Scholl, B. J. (2013). Seeing and liking: Biased perception of ambiguous figures based on aesthetic preferences for how objects should face within a frame. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/10/13, Naples, FL. [Abstract published in *Journal of Vision*, 13(9), 59a, <http://www.journalofvision.org/content/13/9/59/> .]

De Freitas, J., Liverence, B. M., and Scholl, B. J. (2013). Visual and auditory object-based attention driven by rhythmic structure over time. Talk given at the annual *New England Sequencing and Timing* meeting, 3/9/13, Amherst, MA.

Firestone, C., and Scholl, B. J. (2012). 'Please tap the shape, anywhere you like': An exceedingly simple measure exposes skeletal shape representations. Talk given at the annual *Object Perception Attention and Memory* meeting, 11/15/12, Minneapolis, MN.

Strickland, B., and Scholl, B. J. (2012). Triggering "event types" in visual cognition: Containment, occlusion, and the visual cues that separate them. Talk given at the annual meeting of the *International Conference on Infant Studies*, 6/7/12, Minneapolis, MN.

Firestone, C., and Scholl, B. J. (2012). "Please tap the shape, anywhere you like": The psychological reality of shape skeletons. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 1155a, <http://www.journalofvision.org/content/12/9/1155/> .]

Strickland, B., and Scholl, B. J. (2012). "Event type" representations in vision are triggered rapidly and automatically: A case study of containment vs. occlusion. Talk given at the annual meeting of the *Vision Sciences Society*, 5/15/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 1103a, <http://www.journalofvision.org/content/12/9/1103/> .]

Albrecht, A., and Scholl, B. J. (2012). Perceptual size averaging: It's not just for circles anymore. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/14/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 930a, <http://www.journalofvision.org/content/12/9/930/> .]

Liverence, B., and Scholl, B. J. (2012). Attentional selection increases the refresh rate of perception: Evidence from multiple-object tracking. Talk given at the annual meeting of the *Vision Sciences Society*, 5/13/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 454a, <http://www.journalofvision.org/content/12/9/454/> .]

Suben, A., and Scholl, B. J. (2012). Recently disoccluded objects are preferentially attended during multiple-object tracking. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/13/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 542a, <http://www.journalofvision.org/content/12/9/542/> .]

Kominsky, J., and Scholl, B. J. (2012). The window of 'postdiction' in visual perception is flexible: Evidence from causal perception. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/12/12, Naples, FL. [Abstract published in *Journal of Vision*, 12(9), 309a, <http://www.journalofvision.org/content/12/9/309/> .]

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Liverence, B. M., and Scholl, B. J. (2011). Selective inhibition of change detection along the axis of motion: A case study of perception compensating for its own limitations. Talk given at the annual *Object Perception Attention and Memory* meeting, 11/3/11, Seattle, WA.

Gao, T., New, J. J., and Scholl, B. J. (2011). Perceived biological agency in a 'slithering snake' animation. Talk given at the annual meeting of the *Vision Sciences Society*, 5/10/11, Naples, FL. [Abstract published in *Journal of Vision*, 11(11), 217a, <http://www.journalofvision.org/content/11/11/217/> .]

Albrecht, A. R., and Scholl, B. J. (2011). Perceptual averaging by eye and ear: Computing visual and auditory summary statistics from multimodal stimuli. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/10/11, Naples, FL. [Abstract published in *Journal of Vision*, 11(11), 1210a, <http://www.journalofvision.org/content/11/11/1210/> .]

Liverence, B. M., and Scholl, B. J. (2011). Sustained selective attention warps perceived space: Parallel and opposing effects on attended and inhibited objects. Talk given at the annual meeting of the *Vision Sciences Society*, 5/9/11, Naples, FL. [Abstract published in *Journal of Vision*, 11(11), 223a, <http://www.journalofvision.org/content/11/11/223/> .]

Gao, T., and Scholl, B. J. (2010). Perceived intentionality controls attentional tracking. Talk given at the annual *Object Perception Attention and Memory* meeting, 11/18/10, St. Louis, MO.

Gao, T., Scholl, B. J., and McCarthy, G. (2010). Distinguishing intentionality from animacy in the posterior superior temporal sulcus. Poster presented at the annual meeting of the *Society for Neuroscience*, 11/16/10, San Diego, CA.

Strickland, B., and Scholl, B. J. (2010). Representations of "event types" in visual cognition: The case of containment vs. occlusion. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/12/10, Naples, FL. [Abstract published in *Journal of Vision*, 10(7), 183a, <http://www.journalofvision.org/content/10/7/183/> .]

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Liverence, B. M., and Scholl, B. J. (2010). Do we experience events in terms of time, or time in terms of events? Talk given at the annual meeting of the *Vision Sciences Society*, 5/10/10, Naples, FL. [Abstract published in *Journal of Vision*, 10(7), 295a, <http://www.journalofvision.org/content/10/7/295/> .]

Albrecht, A., and Scholl, B. J. (2010). The nature of perceptual averaging: Automaticity, selectivity, and simultaneity. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/10, Naples, FL. [Abstract published in *Journal of Vision*, 10(7), 1252a, <http://www.journalofvision.org/content/10/7/1252/> .]

McCarthy, G., Gao, T., and Scholl, B. J. (2009). Processing animacy in the posterior superior temporal sulcus. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/13/09, Naples, FL. [Abstract published in *Journal of Vision*, 9(8), 775a, <http://journalofvision.org/9/8/775/> .]

Ellner, S., Flombaum, J. I., and Scholl, B. J. (2009). Extrapolation vs. individuation in multiple object tracking. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/12/09, Naples, FL. [Abstract published in *Journal of Vision*, 9(8), 250a, <http://journalofvision.org/9/8/250/> .]

Albrecht, A. R., and Scholl, B. J. (2009). Perceptually averaging in a continuous visual world: Extracting statistical summary representations over time. Talk given at the annual meeting of the *Vision Sciences Society*, 5/11/09, Naples, FL. [Abstract published in *Journal of Vision*, 9(8), 957a, <http://journalofvision.org/9/8/957/> .]

Gao, T., McCarthy, G., and Scholl, B. J. (2009). 'Directionality' as an especially powerful cue to perceived animacy: Evidence from 'wolfpack' manipulations. Talk given at the annual meeting of the *Vision Sciences Society*, 5/10/09, Naples, FL. [Abstract published in *Journal of Vision*, 9(8), 680a, <http://journalofvision.org/9/8/680/> .]

Betzler, R. J., Turk-Browne, N. B., Christiansen, M. H., and Scholl, B. J. (2009). Statistical learning in everyday perception: The case of variable segment lengths. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/10/09, Naples, FL. [Abstract published in *Journal of Vision*, 9(8), 929a, <http://journalofvision.org/9/8/929/> .]

New, J. J., and Scholl, B. J. (2009). The functional nature of motion-induced blindness: Further explorations of the 'perceptual scotoma' hypothesis. Talk given at the annual meeting of the *Vision Sciences Society*, 5/9/09, Naples, FL. [Abstract published in *Journal of Vision*, 9(8), 253a, <http://journalofvision.org/9/8/253/> .]

Sloane, S., Baillargeon, R., Simons, D. J., and Scholl, B. J. (2009). Can infants maintain their representations of hidden objects through an interrupting event? Poster presented at the annual meeting of the *Society for Research in Child Development*, 4/2/09, Denver, CO.

Turk-Browne, N. B., Scholl, B. J., Johnson, M. K., and Chun, M. M. (2008). Prospection during incidental visual statistical learning of predictive temporal regularities. Talk given at the annual meeting of the *Society for Neuroscience*, 11/15/08, Washington, DC.

New, J. J., Schultz, R. T., Wolf, J., Niehaus, J. L., Klin, A., German, T., and Scholl, B. J. (2008). The scope of social attention deficits in autism: Prioritized orienting to people and animals in static natural scenes. Talk given at the annual meeting of the *Vision Sciences Society*, 5/12/08, Naples, FL. [Abstract published in *Journal of Vision*, 8(6), 684a, <http://journalofvision.org/8/6/684/> .]

Turk-Browne, N. B., Johnson, M. K., Chun, M. M., and Scholl, B. J. (2008). Neural evidence of statistical learning: Incidental detection and anticipation of regularities. Talk given at the annual meeting of the *Vision Sciences Society*, 5/12/08, Naples, FL. [Abstract published in *Journal of Vision*, 8(6), 695a, <http://journalofvision.org/8/6/695/> .]

Flombaum, J. J., and Scholl, B. J. (2008). How does attention operate during multiple object tracking?: Evidence from the 'slot-machine' task for parallel access to target features. Talk given at the annual meeting of the *Vision Sciences Society*, 5/10/08, Naples, FL. [Abstract published in *Journal of Vision*, 8(6), 223a, <http://journalofvision.org/8/6/223/> .]

Gao, T., Newman, G. E., and Scholl, B. J. (2008). The psychophysics of chasing. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/10/08, Naples, FL. [Abstract published in *Journal of Vision*, 8(6), 314a, <http://journalofvision.org/8/6/314/> .]

Cherries, E., Feigenson, L., Scholl, B. J., and Carey, S. (2008). Cues to object persistence in infancy: Tracking objects through occlusion vs. implosion. Poster presented at the *International Conference on Infant Studies*, 3/29/08, Vancouver, BC, Canada.

Nurmsoo, E., and Scholl, B. J. (2007). Word learning and unlearning: Preschoolers revise the meanings of newly learned words. Poster presented at the annual meeting of the *European Society for Philosophy and Psychology*, 7/10/07, Geneva, Switzerland.

Flombaum, J., and Scholl, B. J. (2007). Attending to moving vs. static stimuli: A surprising dissociation in multiple object tracking. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/07, Sarasota, FL [Abstract published in *Journal of Vision*, 7(9), 894a, <http://journalofvision.org/7/9/894/>.]

Gao, T., and Scholl, B. J. (2007). Are objects required for object-files? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/07, Sarasota, FL [Abstract published in *Journal of Vision*, 7(9), 916a, <http://journalofvision.org/7/9/916/>.]

Isola, P., Turk-Browne, N., and Scholl, B. J. (2007). Multidimensional visual statistical learning. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/11/07, Sarasota, FL [Abstract published in *Journal of Vision*, 7(9), 43a, <http://journalofvision.org/7/9/43/>.]

New, J., and Scholl, B. J. (2007). A 'perceptual scotoma' theory of motion-induced blindness. Talk given at the annual meeting of the *Vision Sciences Society*, 5/15/07, Sarasota, FL [Abstract published in *Journal of Vision*, 7(9), 779a, <http://journalofvision.org/7/9/779/>.]

Newman, G., Choi, H., Wynn, K., and Scholl, B. J. (2007). The origins of causal perception: Evidence from postdictive processing in infancy. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/15/07, Sarasota, FL [Abstract published in *Journal of Vision*, 7(9), 917a, <http://journalofvision.org/7/9/917/>.]

White, A., and Scholl, B. J. (2007). Inattention blindness, object persistence, and foveal inhibition. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/13/07, Sarasota, FL [Abstract published in *Journal of Vision*, 7(9), 540a, <http://journalofvision.org/7/9/540/>.]

Scholl, B. J., and Turk-Browne, N. B. (2006). Constraints on visual statistical learning reveal its underlying nature. Talk given in the 'Statistical learning: Mechanisms and limitations' symposium, annual meeting of the *Psychonomic Society*, 11/18/06, Houston, TX.

Doran, M. M., Hoffman, J. E., and Scholl, B. J. (2006). The role of eye fixations in amplification and concentration effects during MOT. Poster presented at the annual meeting of the *Psychonomic Society*, 11/18/06, Houston, TX. [Abstract published in *Abstracts of the Psychonomic Society*, 11, p. 134]

Franconeri, S. L., Pylyshyn, Z. W., and Scholl, B. J. (2006). Spatiotemporal cues for tracking multiple objects through occlusion. Talk given at the annual meeting of the *Vision Sciences Society*, 5/10/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 1102a, <http://www.journalofvision.org/6/6/1102/>.]

Jungé, J. A., Chun, M. M., and Scholl, B. J. (2006). Primacy effects in contextual cueing. Talk given at the annual meeting of the *Vision Sciences Society*, 5/10/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 1089a, <http://www.journalofvision.org/6/6/1089/>.]

Isola, P. J., Turk-Browne, N. B., Scholl, B. J., and Treat, T. A. (2006). The units of visual statistical learning: Features or objects? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 981a, <http://www.journalofvision.org/6/6/981/>.]

Shankar, M. U., Flombaum, J. I., and Scholl, B. J. (2006). The role of topological change in object persistence. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 988a, <http://www.journalofvision.org/6/6/988/>.]

Yi, D., Turk-Browne, N. B., Flombaum, J. I., Scholl, B. J., and Chun, M. M. (2006). Effects of spatiotemporal object continuity on repetition attenuation in human fusiform gyrus. Talk given at the annual meeting of the *Vision Sciences Society*, 5/9/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 815a, <http://www.journalofvision.org/6/6/815/>.]

Flombaum, J. I., Scholl, B. J., and Pylyshyn, Z. W. (2006). 'Attentional high-beams' in tracking through occlusion. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/8/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 765a, <http://www.journalofvision.org/6/6/765/>.]

Turk-Browne, N. B., and Scholl, B. J. (2006). The space-time continuum: Spatial visual statistical learning produces temporal processing advantages. Talk given at the annual meeting of the *Vision Sciences Society*, 5/8/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 676a, <http://www.journalofvision.org/6/6/676/>.]

New, J. J., and Scholl, B. J. (2006). The spatial distribution of subjective time dilation. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/7/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 597a, <http://www.journalofvision.org/6/6/597/>.]

Cherries, E. W., Wynn, K., and Scholl, B. J. (2006). Interrupting infants' persisting object representations: An object-based limit? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/6/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 298a, <http://www.journalofvision.org/6/6/298/>.]

Choi, H., and Scholl, B. J. (2006). Blindness to swapping features in simple dynamic events. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/6/06, Sarasota, FL. [Abstract published in *Journal of Vision*, 6(6), 299a, <http://www.journalofvision.org/6/6/299/>.]

Scholl, B. J. (2006). Using MOT to study object persistence and object-based attention. Talk given at the Pre-Conference Workshop on 'Twenty years of multiple object tracking: What have we learned?', *Vision Sciences Society*, 5/5/06, Sarasota, FL.

Mitroff, S. R., Scholl, B. J., and Wynn, K. (2005). One plus one equals one: The effects of merging on object files. Poster presented at the annual meeting of the *Psychonomic Society*, 11/11/05, Toronto, Canada.

Franconeri, S. L., Pylyshyn, Z. W., and Scholl, B. J. (2005). Spatiotemporal cues for tracking multiple objects through occlusion. Talk given at the annual *Object Perception, Attention, and Memory* meeting, 11/10/05, Toronto, Canada. [Summary published in *Visual Cognition* (2006), 14(1), 100-103.]

Turk-Browne, N. B., Junge, J. A., and Scholl, B. J. (2005). Attention and automaticity in visual statistical learning. Talk given at the annual meeting of the *Vision Sciences Society*, 5/11/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 1067a, <http://journalofvision.org/5/8/1067/>.]

Mitroff, S. R., Cherries, E. W., Wynn, K., and Scholl, B. J. (2005). Cohesion as a principle of object persistence in infants and adults. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/10/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 1043a, <http://journalofvision.org/5/8/1043/>.]

Choi, H., and Scholl, B. J. (2005). Can the perception of causality be measured with representational momentum? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 655a, <http://journalofvision.org/5/8/655/>.]

Scholl, B. J., and Alvarez, G. A. (2005). How does attention select and track spatially extended objects?: New effects of attentional concentration and amplification. Talk given at the annual meeting of the *Vision Sciences Society*, 5/9/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 640a, <http://journalofvision.org/5/8/640/>.]

Flombaum, J. I., and Scholl, B. J. (2005). Visual working memory for dynamic objects: Manipulations of motion and persistence in sequential change detection. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/8/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 613a, <http://journalofvision.org/5/8/613/>.]

Junge, J. A., Turk-Browne, N. B., and Scholl, B. J. (2005). Visual statistical learning through intervening noise. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/8/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 421a, <http://journalofvision.org/5/8/421/>.]

Noles, N. S., and Scholl, B. J. (2005). What's in an object file? Integral vs. separable features. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/8/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 614a, <http://journalofvision.org/5/8/614/>.]

Cherries, E., Feigenson, L., Scholl, B. J., and Carey, S. (2005). Cues to object persistence in infancy: Tracking objects through occlusion vs. implosion. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/7/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 352a, <http://journalofvision.org/5/8/352/>.]

DiMase, J. S., Chun, M. M., Scholl, B. J., Wolfe, J. M., and Horowitz, T. S. (2005). Learning scenes while tracking disks: The effect of MOT load on picture recognition. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/6/05, Sarasota, FL. [Abstract published in *Journal of Vision*, 5(8), 73a, <http://journalofvision.org/5/8/73/>.]

Mitroff, S. R., Wynn, K., and Scholl, B. J. (2005). Exploring persisting object representations with infants and adults. Talk given at the biannual meeting of the *Society for Research in Child Development*, 4/10/05, Chicago, IL.

Cherries, E., Santos, L. R., and Scholl, B. J. (2004). Units of visual identification in rhesus macaques (*Macaca mulatta*): Objects or unbound visual features? Poster presented at the annual meeting of the *Vision Sciences Society*, 5/4/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 819a, <http://journalofvision.org/4/8/819/>.]

Flombaum, J. I., and Scholl, B. J. (2004). A temporal same-object advantage for persisting objects: Change-detection studies of the 'tunnel effect'. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/4/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 730a, <http://journalofvision.org/4/8/730/>.]

Fiser, J., Scholl, B. J., and Aslin, R. N. (2004). Perception of object trajectories during occlusion constrains statistical learning of visual features. Talk given at the annual meeting of the *Vision Sciences Society*, 5/4/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 189a, <http://journalofvision.org/4/8/189/>.]

- Mitroff, S. R., and Scholl, B. J. (2004). Online grouping and segmentation without awareness: Evidence from motion-induced blindness. Talk given at the annual meeting of the *Vision Sciences Society*, 5/4/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 201a, <http://journalofvision.org/4/8/201/>.]
- Sussman, R. S., and Scholl, B. J. (2004). Finding the mean: The flexibility and limitations of visual statistical processing. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/4/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 727a, <http://journalofvision.org/4/8/727/>.]
- Choi, H., and Scholl, B. J. (2004). The temporal dynamics of causal perception. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/3/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 571a, <http://journalofvision.org/4/8/571/>.]
- Scholl, B. J., and Feigenson, L. (2004). When out of sight is out of mind: Perceiving object persistence through occlusion vs. implosion. Talk given at the annual meeting of the *Vision Sciences Society*, 5/1/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 26a, <http://journalofvision.org/4/8/26/>.]
- Marino, A. C., and Scholl, B. J. (2004). The role of closure in defining the 'objects' of object-based attention. Poster presented at the annual meeting of the *Vision Sciences Society*, 4/30/04, Sarasota, FL. [Abstract published in *Journal of Vision*, 4(8), 270a, <http://journalofvision.org/4/8/270/>.]
- Mitroff, S. R., Wynn, K., Scholl, B. J., Johnson, S. P., and Shuwairi, S. M. (2004). 'Bouncing vs. streaming' as a measure of infants' dynamic object individuation. Poster presented at the annual meeting of the *International Society on Infant Studies*, 5/?/04, Chicago, IL.
- Cherries, E., Wynn, K., and Scholl, B. J. (2004). Limits on the number of active object indexes in infancy. Poster presented at the annual meeting of the *International Society on Infant Studies*, 5/?/04, Chicago, IL.
- Weierich, M. R., Treat, T. A., and Scholl, B. J. (2003). Attentional capture and disengagement in specific phobia. Poster presented at the annual meeting of the *Association for Advancement of Behavior Therapy*, 11/21/03, Boston, MA.
- Scholl, B. J., Ben-Shahar, O., and Marino, A. (2003). What counts as an 'object' of object-based attention? Talk given at the annual meeting of the *Psychonomic Society*, 11/8/03, Vancouver, Canada. [Abstract published in *Abstracts of the Psychonomic Society*, 8, p. 176]
- Mitroff, S. R., and Scholl, B. J. (2003). Perceiving the disappearance of unseen objects in motion-induced blindness. Talk given at the annual *Object Perception, Attention, and Memory* meeting, 11/6/03, Vancouver, Canada.
- Scholl, B. J., Noles, N. S., Pasheva, V., and Sussman, R. (2003). Talking on a cellular telephone dramatically increases 'sustained inattentive blindness'. Talk given at the annual meeting of the *Vision Sciences Society*, 5/13/03, Sarasota, FL. [Abstract published in *Journal of Vision*, 3(9), 156a, <http://journalofvision.org/3/9/156/>.]
- Choi, H., and Scholl, B. J. (2003). Effects of grouping and attention on the perception of causality. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/11/03, Sarasota, FL. [Abstract published in *Journal of Vision*, 3(9), 544a, <http://journalofvision.org/3/9/544/>.]
- vanMarle, K., and Scholl, B. J. (2003). Attentive tracking of objects vs. substances. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/11/03, Sarasota, FL. [Abstract published in *Journal of Vision*, 3(9), 586a, <http://journalofvision.org/3/9/586/>.]
- Ben-Shahar, O., Scholl, B. J., and Zucker, S. (2003). Where objects come from: Attention, segmentation, and textures. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/10/03, Sarasota, FL. [Abstract published in *Journal of Vision*, 3(9), 474a, <http://journalofvision.org/3/9/474/>.]
- Mitroff, S. R., Scholl, B. J., and Wynn, K. (2003). The relationship between object files and conscious perception. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/03, Sarasota, FL. [Abstract published in *Journal of Vision*, 3(9), 338a, <http://journalofvision.org/3/9/338/>.]
- Noles, N. S., and Scholl, B. J. (2003). The persistence of object-file representations. Poster presented at the annual meeting of the *Vision Sciences Society*, 5/9/03, Sarasota, FL. [Abstract published in *Journal of Vision*, 3(9), 324a, <http://journalofvision.org/3/9/324/>.]
- Scholl, B. J., and Nevarez, H. G. (2002). Why so slow?: The role of speed discontinuities in maintaining object persistence through occlusion. Talk given at the annual meeting of the *Psychonomic Society*, 11/22/02, Kansas City, KS. [Abstract published in *Abstracts of the Psychonomic Society*, 7, 19.]
- Scholl, B. J., and Feldman, J. (2002). The temporal dynamics of object formation in object-based attention. Talk given at the annual meeting of the *Vision Sciences Society*, 5/11/02, Sarasota, FL. [Abstract published in *Journal of Vision*, 2(7), 248a, <http://journalofvision.org/2/7/248/>.]
- Scholl, B. J., and Nakayama, K. (2001). Causal capture: Contextual effects on the perception of collision events. Talk given at the annual meeting of the *Vision Sciences Society*, 5/8/01, Sarasota, FL.

Scholl, B. J., and Nakayama, K. (2000). Contextual effects on the perception of causality. Poster presented at the annual meeting of the *Psychonomic Society*, 11/18/00, New Orleans, LA. [Abstract published in *Abstracts of the Psychonomic Society*, 5, 91.]

Scholl, B. J., Simons, D. J., and Levin, D. T. (2000). Implicit beliefs about change detection and change blindness. Talk given at the annual meeting of the *Psychonomic Society*, 11/17/00, New Orleans, LA. [Abstract published in *Abstracts of the Psychonomic Society*, 5, 29.]

Most, S. B., Clifford, E., Scholl, B. J., and Simons, D. J. (2000). What you see is what you set: The role of attentional set in explicit attentional capture. Poster presented at the *Object Perception and Memory* meeting, 11/16/00, New Orleans, LA.

Singh, M. and Scholl, B. J. (2000). Using attentional cueing to explore part structure. Poster presented at the *Object Perception and Memory* meeting, 11/16/00, New Orleans, LA.

Scholl, B. J., Pylyshyn, Z. W., and Feldman, J. (2000). What is a visual object? Evidence from 'target merging' in multiple object tracking. Talk given at the *Association for Research in Vision and Ophthalmology*, 5/4/00, Ft. Lauderdale, FL. [Abstract published in *Investigative Ophthalmology and Visual Science*, 41(4), S759]

Scholl, B. J., Pylyshyn, Z. W., and Feldman, J. (1999). What is a visual object? Evidence from multi-element tracking. Poster presented at the *Object Perception and Memory* meeting, 11/18/99, Los Angeles, CA.

Most, S., Simons, D., and Scholl, B. J. (1999). Prolonged inattention blindness for a visually distinctive, dynamic event. Paper presented at the annual meeting of the *European Conference on Visual Perception*, 8/25/99, Trieste, Italy.

Scholl, B. J., Pylyshyn, Z. W., and Franconeri, S. (1999). When are spatiotemporal and featural properties encoded as a result of attentional allocation? Talk given at the *Association for Research in Vision and Ophthalmology*, 5/13/99, Ft. Lauderdale, FL. [Abstract published in *Investigative Ophthalmology and Visual Science*, 40(4), S797]

Scholl, B. J. (1999). Detecting changes during 3 types of attentional allocation. Talk given at the vision/attention mini-conference at the *Eastern Psychological Association*, 4/16/99, Providence, RI.

Scholl, B. J. (1998). Change blindness and exogenous attentional capture. Talk given at the *Object Perception and Memory* meeting, 11/19/98, Dallas, TX.

Scholl, B. J., and Leslie, A. M. (1998). Modularity, development, and 'theory of mind'. Talk given at the 24th annual meeting of the *Society for Philosophy and Psychology*, 6/11/98, Minneapolis, MN.

Scholl, B. J., and Pylyshyn, Z. W. (1998). Tracking multiple items through occlusion: Clues to visual objecthood. Talk given at the *Association for Research in Vision and Ophthalmology*, 5/14/98, Ft. Lauderdale, FL. [Abstract published in *Investigative Ophthalmology and Visual Science*, 39(4), S872.]

Scholl, B. J. (1997). Cognitive development and cognitive architecture: Two senses of 'surprise'. Talk given at the 23rd Annual Meeting of the *Society for Philosophy and Psychology*, 6/5/97, New York, NY. [Winner, 1997 *William James Prize* for Best Graduate Student Paper]

## Invited Colloquia

York University	<i>Center for Vision Research Talk</i>	(April 2023)
Harvard University	<i>Psychology Department Colloquium</i>	(February 2021)
UCLA	<i>Cognitive Psychology Forum Talk</i>	(February 2021)
University of Waterloo	<i>Psychology Department Colloquium</i>	(February 2021)
University of Aberdeen	<i>Psychology Department Seminar</i>	(December 2020)
U of Wisconsin - Madison	<i>Waisman Center Seminar</i>	(November 2019)
UMass Amherst	<i>Developmental Seminar</i>	(November 2018)
Princeton University	<i>Cognitive Science Colloquium</i>	(November 2017)
Brown University	<i>Cognition + Perception &amp; Action Seminar</i>	(October 2017)
UCLA	<i>Cognitive Psychology Talk</i>	(August 2017)
University of British Columbia	<i>Cognitive Science Talk</i>	(June 2017)
University of Pennsylvania	<i>Interdisciplinary Mind/Brain Series</i>	(April 2017)
Rutgers University	<i>Center for Cognitive Science Talk</i>	(November 2016)
Northwestern University	<i>Cognitive Science Program Colloquium</i>	(April 2016)
University of Arizona	<i>Cognition &amp; Neural Systems Colloquium</i>	(February 2016)
Harvard University	<i>Cognition, Brain, &amp; Behavior Seminar</i>	(November 2013)

City College of New York	<i>Cognitive Neuroscience Colloquium</i>	(April 2013)
University of Maryland	<i>PhLing Colloquium</i>	(October 2011)
Franklin & Marshall College	<i>Cognitive Science Colloquium</i>	(March 2011)
Franklin & Marshall College	<i>Psychology Brown-Bag Talk</i>	(March 2011)
Purdue University	<i>Psychology Department Colloquium</i>	(December 2010)
Villanova University	<i>Cognitive Science Colloquium</i>	(February 2010)
Columbia University	<i>Cognitive Lunch Talk</i>	(February 2010)
Vanderbilt University	<i>Psychology Department Colloquium</i>	(January 2010)
University of Delaware	<i>Cognitive Science Colloquium</i>	(November 2009)
Macquarie University	<i>MACCS Colloquium</i>	(June 2009)
University of Sydney	<i>Psychology Department Colloquium</i>	(June 2009)
University of Maryland	<i>Cognitive Science Colloquium</i>	(October 2008)
Harvard University	<i>Cognition, Brain, &amp; Behavior Seminar</i>	(February 2008)
Radboud Univ. (Nijmegen)	<i>Institute for Cognition &amp; Information Talk</i>	(December 2007)
Rutgers University	<i>Center for Cognitive Science Colloquium</i>	(March 2007)
Columbia University	<i>Cognitive Lunch Talk</i>	(December 2006)
University of Pennsylvania	<i>IRCS Cognitive Science Colloquium</i>	(March 2006)
Cornell	<i>Psychology Department Colloquium</i>	(February 2006)
University of Chicago	<i>Computational Neuroscience Talk</i>	(February 2006)
University of Illinois	<i>Developmental Psychology Colloquium</i>	(December 2005)
NYU	<i>Cognition &amp; Perception Colloquium</i>	(April 2005)
University of Illinois	<i>Cognitive Science Colloquium</i>	(March 2005)
University of Illinois	<i>Visual Cognition Brownbag</i>	(March 2005)
Johns Hopkins	<i>Psychological &amp; Brain Sciences Colloquium</i>	(February 2005)
Johns Hopkins	<i>Visual Perception Lab Group</i>	(February 2005)
Boston University	<i>Cognitive &amp; Neural Systems Colloquium</i>	(November 2004)
Chinese Academy of Sciences	<i>Key Laboratory of Cognitive Science Talk</i>	(October 2004)
Brown University	<i>Cognitive &amp; Linguistic Sciences Colloquium</i>	(October 2004)
U du Québec à Montréal	<i>Cognitive Science Seminar</i>	(March 2004)
U of Connecticut	<i>CESPA Workshop</i>	(March 2003)
Indiana University	<i>Cognitive Science Group</i>	(March 2003)
Rutgers University	<i>Center for Cognitive Science Colloquium</i>	(March 2003)
MIT	<i>Brain &amp; Cognitive Sciences Colloquium</i>	(December 2002)
Haskins Laboratories	<i>Staff Meeting Talk</i>	(November 2002)
SISSA (Trieste, Italy)	<i>Language, Cognition, &amp; Development Group</i>	(March 2002)
Princeton University	<i>Cognition Colloquium</i>	(December 2001)
UMass Amherst	<i>Developmental Seminar</i>	(April 2001)
CUNY	<i>Cognitive Science Group, w/ J. Weinberg</i>	(March 2000)
Northeastern	<i>Department of Psychology, Cognition Group</i>	(January 2000)
Yale University	<i>Department of Psychology, Cognitive Group</i>	(October 1999)
Harvard University	<i>Vision Sciences Laboratory</i>	(September 1999)
NYU	<i>Cognition/Perception Psychology Group</i>	(November 1998)

## Miscellaneous Professional Activities

### Editorial Positions

Guest Co-Editor (with Johan Wagemans and Rob van Lier), Special Issue of *Acta Psychologica* on 'The Heritage of Michotte in Perception and Cognition Research' (2006; vol. 123, #1-2)



Guest Editor, Special Issue of *Cognition* on 'Objects and Attention' (2001, vol. 80, #1-2)

Action Editor, *Cognition* (2001 - 2006)

### **Editorial Boards**

*Cognition* (1999 - 2007)  
*Consciousness and Cognition* (2017 - present)  
*Psychological Science* (2007 - 2020)  
*Vision* (2021 - present)  
*Visual Cognition* (2005 - 2012)

### **Ad Hoc Reviewing: Journals**

<i>Acta Psychologica</i>	<i>Journal of Vision</i>
<i>Attention, Perception, &amp; Psychophysics</i>	<i>Neuropsychologia</i>
<i>British Journal of Psychology</i>	<i>Perception</i>
<i>Cerebral Cortex</i>	<i>Perception &amp; Psychophysics</i>
<i>Cognition</i>	<i>Perspectives on Psychological Science</i>
<i>Cognitive Neuropsychology</i>	<i>PNAS</i>
<i>Cognitive Psychology</i>	<i>Psyche</i>
<i>Cognitive Research: P&amp;I</i>	<i>Psychological Review</i>
<i>Current Biology</i>	<i>Psychological Science</i>
<i>Current Directions in Psychological Science</i>	<i>Psychonomic Bulletin &amp; Review</i>
<i>Developmental Cognitive Neuroscience</i>	<i>Quarterly Jn of Experimental Psychology</i>
<i>Developmental Psychology</i>	<i>Review of General Psychology</i>
<i>Developmental Science</i>	<i>Science</i>
<i>Infancy</i>	<i>Spatial Vision</i>
<i>JEP: General</i>	<i>Trends in Cognitive Sciences</i>
<i>JEP: Human Perception &amp; Performance</i>	<i>Vision Research</i>
<i>JEP: Learning, Memory, &amp; Cognition</i>	<i>Visual Cognition</i>
<i>Journal of Neuroscience</i>	

### **Ad Hoc Reviewing: Conferences, Funding Agencies, Publishers, Etc.**

*Austrian Science Foundation*  
*Cognitive Science Society*  
*National Institute of Mental Health*  
*National Science Foundation*  
*Object Perception and Memory Meeting*  
*Oxford University Press*  
*Society for Philosophy and Psychology*  
*Vision Sciences Society*  
*Wellcome Trust*

### **Miscellany**

Chair, External program review committee, Dartmouth College, Program in Cognitive Science (2020)

External department review committee, Johns Hopkins University, Department of Cognitive Science (2017)

Panelist, "Do we decide best by reasoning or intuition?" panel, *The Power of Disruptive Ideas* workshop, April, 2010 (New Haven, CT)

Program co-chair, 2006 Annual Meeting of the *Society for Philosophy and Psychology*

Invited participant, *Hang Seng 'Culture and the Mind' Workshop*, February, 2005 (London, England)

Executive Committee Member, *Society for Philosophy and Psychology* (2003 - 2006)

External Honors Examiner, Swarthmore College, Department of Psychology (2004)

Invited participant, *Hang Seng 'Reflections on Innateness' Workshop*, March, 2004 (Adelphi, MD)

Invited participant, *Hang Seng 'Reflections on Innateness' Workshop*, October, 2003 (New Brunswick, NJ)

Invited participant, *McDonnell Foundation Workshop on Infant Cognitive Development*, January, 2003 (Siena, Italy)

Invited participant, *McDonnell Foundation Workshop on Cognitive Development*, March, 2002 (Venice, Italy)

Invited participant, *Hang Seng Workshop on Innateness and the Structure of Mind*, October, 2001 (Newark, NJ)

Invited participant, *McDonnell Foundation Workshop on Looking-Time Methods*, October, 2001 (Tarrytown, NY)

Organizer and chair, 'Attention and Awareness' symposium for the 2000 meeting of the *Society for Philosophy and Psychology*, June, 2000 (New York, NY)

## **Advising: Graduate Students and Postdoctoral Fellows**

Merve Erdogan (current graduate student)

Research : Perception of causality; Temporal perception; Domain specificity in visual cognition

Huichao Ji (current graduate student)

Research : Event representation; Perception of danger; A 'language of vision'

Joan Ongchoco (current postdoctoral fellow; Ph.D., 2022)

Research : Event perception; Attention and imagination; Visual hallucination

Honors : 2021 SPP *William James Prize*; 2020 OPAM *Professional Development Award*

Diss. Title : *The Continuous vs. the Discrete in Mental Life*

Next up : Assistant Professor of Psychology, University of British Columbia (in 2024)

Robert Walter (current graduate student)

Research : Visual awareness and postdiction; Philosophical psychology

Honors : 2019 NSF *Graduate Research Fellowship*

Kim Wong (current graduate student)

Research : Visual roots of intuitive physics; Dynamic visual routines; Temporal attention

Honors : 2022 GSAS *Prize Teaching Fellowship*; 2023 NEI *Early Career Scientist Travel Grant*

Clara Colombatto (Ph.D., 2021)

Research : Perceiving eye gaze; Social perception; Interactions between perception and morality  
Honors : 2022 *Grossman Prize for Best Psych. Diss.*; 2019 VSS *Vision Research Travel Award*  
Diss. Title : *From Eyes to Minds: Perceiving Perception, and Attending to Attention*  
After Yale : Postdoctoral Fellow, University College London (Fleming Lab)  
Next up : Assistant Professor of Psychology, University of Waterloo (in 2024)

Benjamin van Buren (Ph.D., 2018)

Research : Social perception; Cognition/perception interactions  
Honors : 2014 NSF *Graduate Research Fellowship*  
Diss. Title : *Seeing Minds in Motion: The Nature of Perceived Animacy*  
After Yale : Assistant Professor of Psychology, New School for Social Research

Stefan Uddenberg (Ph.D., 2018)

Research : Mental defaults in visual perception; Serial reproduction; Social perception  
Honors : 2017 *Dean's Emerging Scholars Award*; 2015 NSF *Graduate Research Fellowship*  
Diss. Title : *TeleFace: Exploring Face Representations with the Method of Serial Reproduction*  
After Yale : Postdoctoral Fellow, Princeton University (Todorov Lab)  
Next up : Assistant Professor of Psychology, University of Illinois Urbana-Champaign (in 2024)

Hannah Raila (Ph.D., 2018)

Research : Interactions between emotion, perception, and cognition  
Honors : 2017 *SSCP Student Teacher Award*; 2013 NSF *Graduate Research Fellowship*  
Diss. Title : *Seeing and Feeling: Novel Links between Visual Attention and Emotion*  
After Yale : Postdoctoral Fellow, Stanford University (Rodriguez Lab)  
Currently : Assistant Professor of Psychology, University of California - Santa Cruz

Chaz Firestone (Ph.D., 2017)

Research : How seeing relates to thinking; Shape skeletons in human vision  
Honors : 2013 SPP *William James Prize*; 2012 OPAM *Best Paper Award*  
Diss. Title : *Cognition Does Not Affect Perception*  
After Yale : Assistant Professor of Psychological and Brain Sciences, Johns Hopkins University

Yi-Chia Chen (Ph.D., 2017)

Research : Aesthetic perception; Perceiving causal history  
Honors : 2014 VSS *Best Poster Award*; 2012 *Internat. Scholarship*, Taiwan Education Ministry  
Diss. Title : *New Frontiers in the Study of Visual Experience: Aesthetics and History*  
After Yale : Postdoctoral Fellow, Harvard University (Alvarez Lab)  
Currently : Postdoctoral Fellow, UCLA (Lu Lab)

Emily Ward (Ph.D., 2016; co-advised with Marvin Chun)

Research : Visual awareness  
Honors : 2014 VSS *Student Travel Award*; 2010 NSF *Graduate Research Fellowship*  
Diss. Title : *Seeing and Not Seeing: Investigating the Foundations of Perception*  
After Yale : Assistant Professor of Psychology, University of Wisconsin - Madison

Aysu Suben (Ph.D., 2014)

Research : Visual resources in cognitive and social psychology; Object representation  
Diss. Title : *Contextual Influences on Perception and Attention*

Brandon Liverence (Ph.D., 2013)

Research : The perception of time and space

Honors : 2013 *National Research Service Award*, National Institute of Mental Health

Diss. Title : *Representations of Space and Time in Visual Cognition*

After Yale : Postdoctoral Fellow, Northwestern University (Franconeri Lab)

Alice Albrecht (Ph.D., 2013; co-advised with Marvin Chun)

Research : Statistical perception

Honors : 2010 NSF *Graduate Research Fellowship*

Diss. Title : *The Scope and Flexibility of Perceptual Averaging*

After Yale : Postdoctoral Fellow, University of California - Berkeley (Whitney Lab)

Tao Gao (Ph.D., 2011)

Research : Perception of animacy; Object persistence

Honors : 2012 *APA New Investigator Award*; 2011 *Grossman Best Psych. Dissertation Prize*

Diss. Title : *Visual Roots of Social Cognition: Perceiving Animacy and Intentionality*

After Yale : Postdoctoral Fellow, MIT (Tenenbaum Lab)

Currently : Assistant Professor of Communication and Statistics, UCLA

Nicholas Turk-Browne (Ph.D., 2009; co-advised with Marvin Chun)

Research : Visual statistical learning; Visual memory

Honors : 2006 *APA Early Res. Award*; 2006 *VSS Travel Award*; 2005 *NSERC Scholarship*

Diss. Title : *The Nature of Visual Statistical Learning*

After Yale : Assistant, then Associate, then Full Professor of Psychology, Princeton University

Currently : Professor of Psychology, Yale University

Joshua New (Postdoc, 2005 - 2009)

Research : Visual cognition in autism; Motion-induced blindness; Time perception

Honors : 2006 *National Research Service Award*, National Institute of Mental Health

After Yale : Assistant Professor of Psychology, Barnard College

Jonathan Flombaum (Ph.D., 2008)

Research : Object persistence in adults and nonhuman primates; Attention and tracking

Honors : 2006 NIH predoctoral *NRSA* award; 2003 NSF *Graduate Research Fellowship*

Diss. Title : *Persisting Objects: Building Blocks of Attention, Memory, and Action*

After Yale : Assistant Professor of Psychological and Brain Sciences, Johns Hopkins University

Currently : Associate Professor of Psychological and Brain Sciences, Johns Hopkins University

Erik Cherries (Ph.D., 2007; co-advised with Karen Wynn)

Research : Object cognition in infancy

Honors : 2007 *National Research Service Award*, National Institutes of Health

Diss. Title : *Constraints on Infants' Object Representations*

After Yale : Postdoctoral Fellow, Harvard University (Carey Lab)

Currently : Assistant Professor of Psychology, University of Massachusetts Amherst

Hoon Choi (Ph.D., 2006)

Research : Perception of causality; Change detection

Diss. Title : *New Frontiers in Causal Perception*

After Yale : Postdoctoral Fellow, Boston University (Watanabe Lab)

Currently : Assistant Professor of Psychology, Hallym University

Stephen Mitroff (Postdoc, 2002 - 2005)

Research : Visual awareness; Object persistence in adults and infants

Honors : 2002 *National Research Service Award*, National Institute of Mental Health

After Yale : Assistant, then tenured Associate Professor of Psychology, Duke University

Currently : Professor of Psychology, George Washington University

**PhD Committees**

2022 : Qi Lin, Joan Ongchoco

2021 : Clara Colombatto, Sharif Kronemer

2020 : Michael Bronstein

2019 : Matt Jordan, Bud Lambert, Thomas O'Connell

2018 : Adam Bear, Hannah Raila, Stefan Uddenberg, Benjamin van Buren

2017 : Yi-Chia Chen, Chaz Firestone, Monica Rosenberg

2016 : Hillary Devlin, Aleena Hay, Jonathan Kominsky, Emily Ward

2014 : Sarah Hailey, Aysu Suben

2013 : Alice Albrecht, Brandon Liverence, Peter Pantelis (Rutgers University), Sarah Shultz, Brent Strickland

2011 : Tao Gao, Sung Ho Kim (Rutgers University), Jeremy Shen

2010 : Webb Phillips, Ben Rottman

2009 : Christopher Crick (Computer Science), Nicholas Turk-Browne

2008 : Suzanne Bloise, Jon Flombaum, Julie Higgins, Justin Jungé, Derek Lyons, George Newman, Nic Noles, Soojin Park, Noah Shamosh, Deena Weisberg

2007 : Erik Cheries, Koleen McCrink

2006 : Hoon Choi, Erika Nurmsoo

2005 : Marissa Greif, Keith Lyle, Mariann Weierich, Do-joon Yi

2004 : Susan Birch, Martin Dennis, Kristy vanMarle

2003 : Ohad Ben-Shahar (Computer Science)

2002 : Wil Cunningham

**Advising: Undergraduates (Selected)**

Vivian Wang (B.S., 2023) : Published undergrad research in *Psychonomic Bulletin & Review*

Adam Lowet (B.S., 2018) : Published senior thesis in *Attention, Perception, & Psychophysics*

Julian De Freitas (B.A., 2013) : 2013 Rhodes Scholar; 2013 AH Snow Prize; Pub'd thesis in *JEP:G*

Phillip Isola (B.A., 2008) : Published undergraduate research in *JEP:LMC*

Maya Shankar (B.A., 2007) : 2007 Rhodes Scholar; 2007 Alpheus Henry Snow Prize

Alex White (B.A., 2007) : 2007 Fulbright Scholar

Alexandria Marino (B.A., 2005) : Published senior thesis in *Perception & Psychophysics*

Dawn Chan (B.A., 2002) : 2003 Fulbright Scholar

**Teaching Experience**

*Introduction to Cognitive Science*

(Undergraduate course)

<i>Social Perception</i>	(Graduate/undergraduate seminar)
<i>Metaphysics Meets Cognitive Science Perception</i>	(Grad/undergrad seminar; with L. A. Paul)
<i>Object Cognition</i>	(Undergraduate course)
<i>Visual Cognition</i>	(Graduate/undergraduate seminar)
<i>Professional Issues in Psychology</i>	(Graduate seminar)
<i>Objects: A Case Study in Cognitive Science Cognition</i>	(Graduate seminar; with Mitch Prinstein)
<i>Cognition Laboratory</i>	(Advanced undergraduate seminar)
	(Undergraduate course)
	(Undergraduate lab course)

## University and Departmental Service

### Primary Service Roles

Chair, Cognitive Science Program	(2016 - present)
Director of Undergraduate Studies, Cognitive Science Program	(2006 - 2013)
Advisor for the Philosophy Track of the Psychology Major	(2001 - 2013)

### Speaking

Keynote speaker, <i>Resonance</i> conference of the Yale Scientific Magazine	(2022)
Parent Talk, Splash program	(2018)
Speaker, Yale China Economic Forum XWeek program	(2018)
Keynote speaker, <i>Yale Undergraduate Research Conference</i>	(2017)
Master lecture, <i>Yale Model UN Conference</i>	(2017)
Parent Talk, Splash program	(2017)
Panelist, 'Evaluating job applications' for <i>Current Work in Social Psych.</i>	(2016)
Panelist, 'Good presentations' event for <i>Current Work in Clin. Psych.</i>	(2015)
Panelist, 'Teaching at Yale' event for <i>Graduate Teaching Center</i> series	(2014)
Speaker, <i>Yale Engineering &amp; Science Weekend Master Class Lectures</i>	(2014)
Speaker, Fellows presentation series in <i>Branford College</i>	(2011)
Panelist, 'Authorship' seminar, <i>Psychology Dept. Professional Dev. series</i>	(2011)
Panelist, 'Research statements' seminar for <i>Graduate Teaching Center</i>	(2010)
Panelist, <i>New Faculty Orientation</i>	(2010)
Panelist, 'Job offer negotiation' seminar for <i>Graduate Career Services</i>	(2010)
Panelist, 'Choosing a dissertation topic' for <i>Graduate Writing Center</i>	(2009)
Panelist, 'Job offer negotiation' seminar for <i>Graduate Career Services</i>	(2009)
Panelist, 'Mentoring week' seminar for <i>Graduate Student Assembly</i>	(2009)
Faculty Lecturer, <i>Yale Alumni Weekend 2008</i>	(2008)
Panelist, <i>Postdoctoral Development Series</i>	(2008)
Panelist, 'Job offer negotiation' seminar for <i>Graduate Career Services</i>	(2008)
Panelist, <i>New Faculty Orientation</i>	(2007)
Speaker, 'Research statements' seminar for <i>Graduate Teaching Seminar</i>	(2007)
Faculty Lecturer, <i>Yale Alumni Weekend 2007</i>	(2007)
Panelist, 'The academic job search' for <i>Postdoctoral Development Series</i>	(2007)
Speaker, 'Mentoring' seminar for <i>Graduate Teaching Center</i>	(2007)
Panelist, 'Choosing a dissertation topic' for <i>McDougal Writing Program</i>	(2007)

Panelist, *New Faculty Orientation* (2006)  
 Faculty Lecturer, *Yale Parents Weekend 2005* (2005)  
 Panelist, 'Research' discussion for *New Faculty Orientation* (2005)  
 Panelist, 'Teaching in Yale College' event for *Teaching at Yale* day (2005)  
 Panelist, 'Why teaching matters' for *Graduate Teaching Center* workshop (2005)

### **Committees**

Open rank faculty search committee, Cognitive Science (2021 - 2022)  
 100 College Space committee, Department of Psychology (2019 - 2021)  
 Senior faculty search committee in social psychology (2019 - 2020)  
 Senior faculty search committee, Cognitive Science (2018 - 2019)  
 Chair, Junior faculty search committee in cognitive psychology (2017 - 2018)  
 Yale College Executive Committee (2016 - 2018)  
 Chair, Graduate School Dean's Advisory Committee on Grievances (2016 - 2018)  
 Chair, Senior faculty search committee in cognitive psychology (2015)  
 Faculty Resource Committee (2014 - 2016)  
 Chair, CIPE Junior Fellowships + Dean's Research Fellowship Committee (2014)  
 Faculty Steering Committee, Provost's Teaching Initiative (2013 - 2015)  
 Faculty search committee, Cognitive Science program (2013)  
 Graduate School Committee on Regulations and Discipline (2012 - 2013)  
 Faculty search committee, Open area (3 positions), Dept. of Psychology (2012 - 2013)  
 Chair, Yale College Dean's Research Fellowships committee (2012 - 2013)  
 Faculty search committee, Open area, Department of Psychology (2011)  
 Graduate Admissions Committee, Department of Psychology (2011 - 2012)  
 Executive Committee, Cognitive Science program (2010 - present)  
 ITS Advisory Committee (2010 - 2012)  
 Office of Fellowship Programs Fellowships for Juniors Committee (2010)  
 Graduate School Committee on Regulations and Discipline (2009 - 2010)  
 Faculty search committee, Cognitive Science (2009)  
 Chair, Graduate Requirements Committee, Department of Psychology (2007 - 2008)  
 Chair, Writing Center Advisory Committee (2006 - 2008)  
 Chair, Yale College Dean's Research Fellowships Committee (2006 - 2008)  
 Graduate Mentor Award Committee, Graduate School (2006)  
 Graduate School Committee on Regulations and Discipline (2006 - 2008)  
 Organizer, Departmental Alumni Conference (2006)  
 Graduate Admissions Committee, Department of Psychology (2006)  
 Faculty search committee in developmental psychology (2005 - 2006)  
 Teaching and Learning Portal Advisory Committee (2005 - 2007)  
 Writing Center Advisory Committee (2004 - 2006)  
 Graduate Mentoring Committee, Department of Psychology (2003)  
 Faculty search committee, Abilities & Expertise area, Dept. of Psychology (2003)  
 Faculty search committee, Cognitive area, Department of Psychology (2002 - 2003)  
 Yale College Executive Committee (2001 - 2003)