

# CURRICULUM VITAE

## Andrew Hollingworth

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The University of Iowa  
Department of Psychological & Brain Sciences  
G60 Psychological and Brain Sciences Building  
Iowa City, IA 52242

Phone: (319) 621-3933  
E-mail: andrew-hollingworth@uiowa.edu

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### Academic Positions

- 2011 – Professor, The University of Iowa, Department of Psychological & Brain Sciences  
Iowa City, IA
- 2006 – 2011 Associate Professor, The University of Iowa, Department of Psychology  
Iowa City, IA
- 2002 – 2006 Assistant Professor, The University of Iowa, Department of Psychology  
Iowa City, IA
- 2000 – 2002 Assistant Professor, Yale University, Department of Psychology  
New Haven, CT

### Education

- 2000 Ph.D., Michigan State University  
Specialization: Cognitive Science
- 1992 Ed.M., Harvard University Graduate School of Education  
Specialization: Teaching and Curriculum
- 1988 B.A. with Special Honors, The University of Chicago  
Major: English Language and Literature

### Research Interests

Goal-directed Vision: visual memory, attention, eye movements, scene perception

### Awards and Honors

- 2007 Elected Fellow, American Psychological Association (Division 3)
- 2003 New Investigator Award, American Psychological Association Division of Experimental Psychology, for “Accurate visual memory for previously attended objects in natural scenes.” *Journal of Experimental Psychology: Human Perception and Performance*, 28, 113-136.
- 1996 National Science Foundation Graduate Research Fellowship
- 1996 Department of Defense National Defense Science and Engineering Graduate Fellowship (declined in favor of NSF fellowship)

### Publications

#### Refereed Journal Articles

- Kershner, A. M., & Hollingworth, A. (in press). Are selection history effects limited to implicit forms of memory? Evidence from inter-trial repetition. *Journal of Experimental Psychology: Learning, Memory,*

and Cognition.

- Paavola, M. L., Hollingworth, A., & Moore, C. M. (2024). Saccades to partially occluded objects: Perceptual completion mediates oculomotor control. *Journal of Vision*, *24*(3), 8-8.
- Kershner, A. M., & Hollingworth, A. (2023). Category-specific learning of color, orientation, and position regularities guide visual search. *Journal of Experimental Psychology: Human Perception and Performance*, *49*, 907-922.
- Thayer, D. D., Bahle, B., & Hollingworth, A. (2022). Guidance of attention from visual working memory is feature-based, not object-based: Implications for models of feature binding. *Journal of Experimental Psychology: General*, *151*, 1018–1034.
- Kershner, A. M., & Hollingworth, A. (2022). Real-world object categories and scene contexts conjointly structure statistical learning for the guidance of visual search. *Attention, Perception, & Psychophysics*, *84*, 1304-1316.
- Bahle, B., Kershner, A. M., & Hollingworth, A. (2021). Categorical cuing: Object categories structure the acquisition of statistical regularities to guide visual search. *Journal of Experimental Psychology: General*, *150*, 2552-2566. [PDF](#)
- Tas, A. C., Mordkoff, J. T., & Hollingworth, A. (2021). Object-mediated overwriting across saccades. *Journal of Vision*, *21*, 1-14. [PDF](#)
- Hein, E., Stepper, M. Y., Hollingworth, A., & Moore, C. M. (2021). Visual working memory content influences correspondence processes. *Journal of Experimental Psychology: Human Perception & Performance*, *47*, 331–343. [PDF](#)
- Bahle, B., Thayer, D. D., Mordkoff, J. T., & Hollingworth, A. (2020). The architecture of working memory: Features from multiple remembered objects produce parallel, coactive guidance of attention in visual search. *Journal of Experimental Psychology: General*, *149*, 967-983. [PDF](#)
- Hollingworth, A., & Bahle, B. (2020). Feature-based guidance of attention by visual working memory is applied independently of remembered object location. *Attention, Perception, & Psychophysics* (40 Years of Feature Integration: Special Issue in Memory of Anne Treisman), *82*, 98-108. [PDF](#)
- Hollingworth, A., & Matsukura, M. (2019). Feature-based guidance of attention during postsaccadic selection. *Attention, Perception, & Psychophysics*, *81*, 1822-1835. [PDF](#)
- Bahle, B., & Hollingworth, A. (2019). Contrasting episodic and template-based guidance during search through natural scenes. *Journal of Experimental Psychology: Human Perception and Performance*, *45*, 523-536. [PDF](#)
- Wessel, J. R., Dolan, K. A., & Hollingworth, A. (2018). A blunted phasic autonomic response to errors indexes age-related deficits in error awareness. *Neurobiology of Aging*, *71*, 13-20. [PDF](#)
- Bahle, B., Beck, V. M., & Hollingworth, A. (2018). The architecture of interaction between visual working memory and visual attention. *Journal of Experimental Psychology: Human Perception and Performance*, *44*, 992-1011. [PDF](#)
- Beck, V. M., Luck, S. J., & Hollingworth, A. (2018). Whatever you do, don't look at the...: Evaluating guidance by an exclusionary attentional template. *Journal of Experimental Psychology: Human Perception and Performance*, *44*, 645-662. [PDF](#)
- Van der Stigchel, S., & Hollingworth, A. (2018). Visuo-spatial working memory as a fundamental component of the eye movement system. *Current Directions in Psychological Science*, *27*, 136-143. [PDF](#)
- Bahle, B., Matsukura, M., & Hollingworth, A. (2018). Contrasting gist-based and template-based guidance during real-world visual search. *Journal of Experimental Psychology: Human Perception and Performance*, *44*, 367-386. [PDF](#)

- Beck, V. M., & Hollingworth, A. (2017). Competition in saccade target selection reveals attentional guidance by simultaneously active working memory representations. *Journal of Experimental Psychology: Human Perception and Performance*, 43, 225-230. [PDF](#)
- Hollingworth, A., & Beck, V. M. (2016). Memory-based attention capture when multiple items are maintained in visual working memory. *Journal of Experimental Psychology: Human Perception and Performance*, 42, 911-917. [PDF](#)
- Tas, A. C., Luck, S. J., & Hollingworth, A. (2016). The relationship between visual attention and visual working memory encoding: A dissociation between covert and overt orienting. *Journal of Experimental Psychology: Human Perception and Performance*, 42, 1121-1138. [PDF](#)
- Beck, V. M., & Hollingworth, A. (2015). Evidence for negative feature guidance in visual search is explained by spatial recoding. *Journal of Experimental Psychology: Human Perception and Performance*, 41, 1190-1196. [PDF](#)
- Hollingworth, A. (2015). Visual working memory modulates within-object metrics of saccade landing position. *Annals of the New York Academy of Sciences*, 1339, 11-19. [PDF](#)
- Luck, S. J., McClenon, C., Beck, V. M., Hollingworth, A., Leonard, C. J., Hahn, B., Robinson, B. M., & Gold, J. M. (2014). Hyperfocusing in schizophrenia: Evidence from interactions between working memory and eye movements. *Journal of Abnormal Psychology*, 123, 783-795. [PDF](#)
- Schneegans, S., Spencer, J. S., Schöner, G., Hwang, S., & Hollingworth, A. (2014). Dynamic interactions between visual working memory and saccade target selection. *Journal of Vision*, 14(11):9, 1-23. [PDF](#)
- Hollingworth, A., Matsukura, M., & Luck, S. J. (2013). Visual working memory modulates low-level saccade target selection: Evidence from rapidly generated saccades in the global effect paradigm. *Journal of Vision*, 13 (13):4, 1-18. [PDF](#)
- Hollingworth, A., & Hwang, S. (2013). The relationship between visual working memory and attention: Retention of precise colour information in the absence of effects on perceptual selection. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 368, 1-9. [PDF](#)
- Hollingworth, A., & Maxcey-Richard, A. M. (2013). Selective maintenance in visual working memory does not require sustained visual attention. *Journal of Experimental Psychology: Human Perception and Performance*, 39, 1047-1058. [PDF](#)
- Hollingworth, A., Matsukura, M., & Luck, S. J. (2013). Visual working memory modulates rapid eye movements to simple onset targets. *Psychological Science*, 24, 790-796. [PDF](#)
- Maxcey-Richard, A. M., Hollingworth, A. (2013). The strategic retention of task-relevant objects in visual working memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 39, 760-772. [PDF](#)
- Hollingworth, A. (2012). Task specificity and the influence of memory on visual search: Comment on Vö and Wolfe (2012). *Journal of Experimental Psychology: Human Perception and Performance*, 38, 1596-1603. [PDF](#)
- Tas, A. C., Moore, C. M., & Hollingworth, A. (2012). An object-mediated updating account of insensitivity to transsaccadic change. *Journal of Vision*, 12(11): 18, 1-13. [PDF](#)
- Beck, V. M., Hollingworth, A., & Luck, S. J. (2012). Simultaneous control of attention by multiple working memory representations. *Psychological Science*, 23, 887-898. [PDF](#)
- Hollingworth, A., Maxcey-Richard, A. M., & Vecera, S. P. (2012). The spatial distribution of attention within and across objects. *Journal of Experimental Psychology: Human Perception and Performance*, 38, 135-151. [PDF](#)
- Tas, A. C., Dodd, M. D., & Hollingworth, A. (2012). The role of surface feature continuity in object-based

- inhibition of return. *Visual Cognition*, 20, 29-47. [PDF](#)
- Hahn, B., Hollingworth, A., Robinson, B. M., Kaiser, S. T., Leonard, C. J., Beck, V. M., Kappenman, E. S., Luck, S. J., & Gold, J. M. (2012). Control of working memory content in schizophrenia. *Schizophrenia Research*, 134, 70-75. [PDF](#)
- Wisco, B. E., Treat, T. A., & Hollingworth, A. (2012). Visual attention to emotion in depression: Facilitation and withdrawal processes. *Cognition & Emotion*, 26, 602-614. [PDF](#)
- Gearhardt, A. N., Treat, T. A., Hollingworth, A., & Corbin, W. R. (2012). The relationship between eating-related individual differences and visual attention to foods high in added fat and sugar. *Eating Behaviors*, 13, 371-374. [PDF](#)
- Matsukura, M., & Hollingworth, A. (2011). Does visual short-term memory have a high-capacity stage? *Psychonomic Bulletin & Review*, 18, 1098-1104. [PDF](#)
- Mills, M., Hollingworth, A., Van der Stigchel, S., Hoffman, L., & Dodd, M. D. (2011). Examining the influence of task set on eye movements and fixations. *Journal of Vision*, 11, 1-15. [PDF](#)
- Brooks, D. I., Rasmussen, I. P., & Hollingworth, A. (2010). The nesting of search contexts within natural scenes: Evidence from contextual cuing. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 1406-1418. [PDF](#)
- Hollingworth, A., Simons, D. J., & Franconeri, S. L. (2010). New objects do not capture attention without a sensory transient. *Attention, Perception, & Psychophysics*, 72, 1298-1310. [PDF](#)
- Hollingworth, A., & Rasmussen, I. P. (2010). Binding objects to locations: The relationship between object files and visual working memory. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 543-564. [PDF](#)
- Hollingworth, A., & Franconeri, S. L. (2009). Object correspondence across brief occlusion is established on the basis of both spatiotemporal and surface feature cues. *Cognition*, 113, 150-166. [PDF](#)
- Hyun, J. -S., Woodman, G. F., Vogel, E. K., Hollingworth, A., & Luck, S. J. (2009). The comparison of visual working memory representations with perceptual inputs. *Journal of Experimental Psychology: Human Perception and Performance*, 35, 1140-1160. [PDF](#)
- Hollingworth, A., Luck, S. J. (2009). The role of visual working memory in the control of gaze during visual search. *Attention, Perception, & Psychophysics*, 71, 936-949. [PDF](#)
- Dodd, M. D., Van der Stigchel, S., & Hollingworth, A. (2009). Novelty is not always the best policy: Inhibition of return and facilitation of return as a function of visual task. *Psychological Science*, 20, 333-339. [PDF](#)
- Hollingworth (2009). Two forms of scene memory guide visual search: Memory for scene context and memory for the binding of target object to scene location. *Visual Cognition*, 17, 273-291. [PDF](#)
- Richard, A. M., Luck, S. J., & Hollingworth, A. (2008). Establishing object correspondence across eye movements: Flexible use of spatiotemporal and surface feature information. *Cognition*, 109, 66-88. [PDF](#)
- Hollingworth, A., Richard, A. M., & Luck, S. J. (2008). Understanding the function of visual short-term memory: Transsaccadic memory, object correspondence, and gaze correction. *Journal of Experimental Psychology: General*, 137, 163-181. [PDF](#)
- Johnson, J. S., Hollingworth, A., & Luck, S. J. (2008). The role of attention in the maintenance of feature bindings in visual short-term memory. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 41-55. [PDF](#)
- Weierich, M. R., Treat, T. A., & Hollingworth, A. (2008). Theories and measurement of visual attentional processing in anxiety. *Cognition & Emotion*, 22, 985-1018. [PDF](#)

- Hollingworth, A. (2007). Object-position binding in visual memory for natural scenes and object arrays. *Journal of Experimental Psychology: Human Perception and Performance*, 33, 31-47. [PDF](#)
- Hollingworth, A. (2006). Visual memory for natural scenes: Evidence from change detection and visual search. *Visual Cognition*, 14, 781-807. [PDF](#)
- Hollingworth, A. (2006). Scene and position specificity in visual memory for objects. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 32, 58-69. [PDF](#)
- Hollingworth, A. (2005). The relationship between online visual representation of a scene and long-term scene memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 31, 396-411. [PDF](#)
- Hollingworth, A., Hyun, J. -S., & Zhang, W. (2005). The role of visual short-term memory in empty cell localization. *Perception & Psychophysics*, 67, 1332-1343. [PDF](#)
- Franconeri, S. L., Hollingworth, A., & Simons, D. J. (2005). Do new objects capture attention? *Psychological Science*, 16, 275-281. [PDF](#)
- Hollingworth, A. (2005). Memory for object position in natural scenes. *Visual Cognition*, 12, 1003-1016. [PDF](#)
- Hollingworth, A. (2004). Constructing visual representations of natural scenes: The roles of short- and long-term visual memory. *Journal of Experimental Psychology: Human Perception and Performance*, 30, 519-537. [PDF](#)
- Hollingworth, A., & Henderson, J. M. (2004). Sustained change blindness to incremental scene rotation: A dissociation between explicit change detection and visual memory. *Perception & Psychophysics*, 66, 800-807. [PDF](#)
- Hollingworth, A. (2003). Failures of retrieval and comparison constrain change detection in natural scenes. *Journal of Experimental Psychology: Human Perception and Performance*, 29, 388-403. [PDF](#)
- Hollingworth, A., & Henderson, J. M. (2003). Testing a conceptual locus for the inconsistent object change detection advantage in real-world scenes. *Memory & Cognition*, 31, 930-940. [PDF](#)
- Henderson, J. M., & Hollingworth, A. (2003). Global transsaccadic change blindness during scene perception. *Psychological Science*, 14, 493-497. [PDF](#)
- Henderson, J. M., & Hollingworth, A. (2003). Eye movements and visual memory: Detecting changes to saccade targets in scenes. *Perception & Psychophysics*, 65, 58-71. [PDF](#)
- Hollingworth, A., & Henderson, J. M. (2002). Accurate visual memory for previously attended objects in natural scenes. *Journal of Experimental Psychology: Human Perception and Performance*, 28, 113-136. [PDF](#)
- Hollingworth, A., Williams, C. C., & Henderson, J. M. (2001). To see and remember: Visually specific information is retained in memory from previously attended objects in natural scenes. *Psychonomic Bulletin & Review*, 8, 761-768. [PDF](#)
- Hollingworth, A., Schrock, G., & Henderson, J. M. (2001). Change detection in the flicker paradigm: The role of fixation position within the scene. *Memory & Cognition*, 29, 296-304. [PDF](#)
- Christianson, K., Hollingworth, A., Halliwell, J., & Ferreira, F. (2001). Thematic roles assigned along the garden path linger. *Cognitive Psychology*, 42, 368-407. [PDF](#)
- Ferreira, F., Christianson, K., & Hollingworth, A. (2001). Misinterpretations of garden-path sentences: Implications for models of sentence processing and reanalysis. *Journal of Psycholinguistic Research*, 30, 3-20. [PDF](#)
- Hollingworth, A., & Henderson, J. M. (2000). Semantic informativeness mediates the detection of changes in

natural scenes. *Visual Cognition*, 7, 213-235. [PDF](#)

Hollingworth, A., & Henderson, J. M. (1999). Object identification is isolated from scene semantic constraint: Evidence from object type and token discrimination. *Acta Psychologica*, 102, 319-343. [PDF](#)

Henderson, J. M., & Hollingworth, A. (1999). The role of fixation position in detecting scene changes across saccades. *Psychological Science*, 10, 438-443. [PDF](#)

Henderson, J. M., Weeks, P. A., Jr., & Hollingworth, A. (1999). The effects of semantic consistency on eye movements during complex scene viewing. *Journal of Experimental Psychology: Human Perception and Performance*, 25, 210-228. [PDF](#)

Hollingworth, A., & Henderson, J. M. (1998). Does consistent scene context facilitate object perception? *Journal of Experimental Psychology: General*, 127, 398-415. [PDF](#)

### Edited Books

Luck, S. J., & Hollingworth, A. (2008). *Visual Memory*. New York: Oxford University Press.

### Book Chapters

Hollingworth, A. (2022). The architecture of interaction between visual working memory and visual attention. In T. F. Brady & W. A. Bainbridge (Eds.), *Visual Memory*. Routledge.

Hollingworth, A., & Bahle, B. (2020). Eye tracking in visual search experiments. In S. Pollmann (Ed.), *Neuromethods: Spatial Learning and Attention Guidance* (pp. 23-35). New York: Springer. [PDF](#)

Hollingworth, A. (2012). Guidance of visual search by memory and knowledge. In M. D. Dodd & J. H. Flowers (Eds.), *The Influence of Attention, Learning, and Motivation on Visual Search*, Nebraska Symposium on Motivation (pp. 63-89). New York: Springer. [PDF](#)

Hollingworth, A. (2008). Visual memory for natural scenes. In S. J. Luck & A. Hollingworth (Eds.), *Visual Memory* (pp. 123-162). New York: Oxford University Press. [PDF](#)

Hollingworth, A., & Luck, S. J. (2008). An overview of visual memory. In S. J. Luck & A. Hollingworth (Eds.), *Visual Memory* (pp. 3-8). New York: Oxford University Press. [PDF](#)

Hollingworth, A. (2008). Memory for real-world scenes. In J. R. Brockmole (Ed.), *The Visual World in Memory* (pp. 89-116). New York: Psychology Press. [PDF](#)

Henderson, J. M., & Hollingworth, A. (2003). Eye movements, visual memory, and scene representation. In M. A. Peterson & G. Rhodes (Eds.), *Perception of faces, objects, and scenes: Analytic and holistic processes* (pp. 356-383). New York: Oxford University Press. [PDF](#)

Henderson, J. M., & Hollingworth, A. (1999). High-level scene perception. *Annual Review of Psychology*, 50, 243-271. [PDF](#)

Henderson, J. M., & Hollingworth, A. (1998). Eye movements during scene viewing: An overview. In G. Underwood (Ed.), *Eye guidance in reading and scene perception* (pp. 269-283). Oxford, England: Elsevier. [PDF](#)

### Commentaries

Hollingworth, A. & Henderson, J. M. (1999). Vision and cognition: Drawing the line. *Behavioral & Brain Sciences*, 22, 380-381. [PDF](#)

### Published Conference Proceedings

- Bahle, B., & Hollingworth, A. (2016). Contrasting gist-based and feature-based guidance during real-world search. *Journal of Vision, 16* (12), 347-347.
- Beck, V. M., Leonard, C. M., Robinson, B. M., Hahn, B., Hollingworth, A., Gold, J. M., Luck, S. J. (2016). People with schizophrenia demonstrate more optimal feature-guided visual search in a probabilistic search task. *Journal of Vision, 16* (12), 338-338.
- Hollingworth, A., & Beck, V. M. (2015). Guidance of attention by multiple feature values in visual working memory. *Journal of Vision, 15* (12), 1363-1363.
- Beck, V. M., & Hollingworth, A. (2015). Attentional guidance by simultaneously active working memory representations: Evidence from competition in saccade target selection. *Perception, 44* (supplement 1), 284-285.
- Tas, A. C., & Hollingworth, A. (2015). The role of visual stability in representations of pre- and post-saccadic objects. *Perception, 44* (supplement 1), 271.
- Beck, V. M., & Hollingworth, A. (2014). Can attention be guided efficiently by a negative template? *Journal of Vision, 14*, 1040-1040.
- Tas, A. C., Moore, C. M., & Hollingworth, A. (2014). The representation of the saccade target object depends on visual stability. *Visual Cognition, 22*, 1042-1046.
- Hein, E., Hollingworth, A., Moore, C. M. (2013). The influence of visual working memory on correspondence in the Ternus display. *Journal of Vision 13* (9), 61-61.
- Hollingworth, A. Hwang, S., & Luck, S. J. (2013). The influence of saccade execution on spatial working memory precision. *Journal of Vision 13* (9), 1351-1351.
- Template-based guidance in visual search is independent of influence from properties of currently or recently fixated objects. *Journal of Vision 13* (9), 532-532.
- Hwang, S., & Hollingworth, A. (2012). The reliance on ensemble statistics in VWM varies according to the quality of item memory. *Journal of Vision, 12* (9), 352-352.
- Tas, A. C., Luck, S. J., & Hollingworth, A. (2012). Saccade execution, not covert attention, leads to automatic encoding of distractors into VWM. *Journal of Vision, 12* (9), 852-852.
- Tas, A. C., Luck, S. J., & Hollingworth, A. (2011). The automatic encoding of distractors into visual working memory through overt, but not covert attention. *Visual Cognition, 19*, 1331-1335.
- Schneegans, S., Spencer, J. P., Hollingworth, A., & Schöner, G. (2011). Dynamic interactions between visual working memory and saccade planning. *Frontiers in Computational Neuroscience*.
- Dodd, M. D., Mills, M., Van der Stigchel, S., & Hollingworth, A. (2011). Examining the influence of scene manipulations and task instruction on scanpaths and inhibition of return. *Journal of Vision, 11* (11), 481-481.
- Beck, V. M., Luck, S. J., & Hollingworth, (2011). The implementation of an exclusionary attentional template: direct versus indirect cueing. *Journal of Vision 11* (11), 1309-1309.
- Tas, A. C., Moore, C. M., & Hollingworth, A. (2011). The role of surface feature information in object persistence across saccades. *Journal of Vision, 11* (11), 519-519.
- Matsukura, M., & Hollingworth, A. (2011). How does object structure influence saccade targeting within an object? *Journal of Vision, 11* (11), 487-487.
- Mills, M., Hollingworth, A., Van der Stigchel, S., Hoffman, L., Dodd, M. D. (2011). Examining the influence of task set on eye movements and fixations. *Journal of Vision, 11* (8), 17-17.
- Tas, A. C., Dodd, M. D., & Hollingworth, A. (2010). The interaction of surface feature and spatiotemporal continuity in object-based inhibition of return. *Visual Cognition, 18*, 141-144.

- Chen, H., Anderson, D. E., Hollingworth, A., Vecera, S., & Moore, C. M. (2010). visual working memory content modulates competition in binocular rivalry. *Journal of Vision, 10 (7)*, 352-352.
- Tas, A. C., Dodd, M. D., & Hollingworth, A. (2010). The role of surface feature and spatiotemporal continuity in object-based inhibition of return. *Journal of Vision, 10 (7)*, 178-178.
- Matsukura, M., Luck, S. J., & Hollingworth, A. (2010). Which features of an object are stored in visual working memory across a saccade? Evidence from visual search. *Journal of Vision, 10 (7)*, 724-724.
- Spencer, J. S., Schneegans, S., & Hollingworth, A. (2010). Dynamic interactions between visual working memory and saccade planning. *Journal of Vision, 10 (7)*, 537-537,
- Hollingworth, A., Matsukura, M., & Luck, S. J. (2010). Visual working memory influences the speed and accuracy of simple saccadic eye movements. *Journal of Vision, 10 (7)*, 550-550.
- Hollingworth, A., & Luck, S. J. (2009). The role of visual working memory in establishing object correspondence across saccades. *Journal of Vision, 9 (8)*, 414-414.
- Williams, C.C., Hollingworth, A., & Henderson, J. M. (2000). Scene context and change blindness: Memory mediates change detection. Proceedings of the Twenty-Second annual conference of the Cognitive Science Society (p. 1068). Mahwah, NJ: Erlbaum.

### Reprinted Papers

- Hollingworth, A. (2006). Visual memory for natural scenes: Evidence from change detection and visual search. In H. J. Muller & J. Krummenacher (Eds.) *Visual Search and Attention* (pp. 781-807). Psychology Press. [Reprint of Hollingworth, A. (2006). Visual memory for natural scenes: Evidence from change detection and visual search. *Visual Cognition, 14*, 781-807.]
- Hollingworth, A. (2005). Memory for object position in natural scenes. In J. M. Henderson (Ed.), *Real-World Scene Perception* (pp. 1003-1016). Philadelphia, PA: Psychology Press. [Reprint of: Hollingworth, A. (2005). Memory for object position in natural scenes. *Visual Cognition, 12*, 1003-1016.]
- Hollingworth, A., & Henderson, J. M. (2000). Semantic informativeness mediates the detection of changes in natural scenes. In D. J. Simons (Ed.), *Change Blindness and Visual Memory* (pp. 213-235). Philadelphia, PA: Psychology Press. [Reprint of: Hollingworth, A., & Henderson, J. M. (2000). Semantic informativeness mediates the detection of changes in natural scenes. *Visual Cognition, 7*, 213-235.]

### Other Publications

- Hollingworth, A. (1998). Stevens' rivers and rocks: Motions to the center. *Wallace Stevens Journal, 22*, 39-56.
- Ffrench-constant, C., Hollingworth, A., Heasman, J., & Wylie, C. C. (1991). Response to fibronectin of mouse primordial germ-cells before, during and after migration. *Development, 113*, 1365-1373.

### **Invited Presentations and Colloquia**

- Structural Constraints on the Guidance of Attention from Visual Working Memory*. Center for Interdisciplinary Research, University of Bielefeld. Germany, September 2021.
- Coactive Guidance of Attention from Multiple Items in Visual Working Memory*. Royal Netherlands Academy of Arts and Sciences Colloquium: New Perspectives on Visual Working Memory. Amsterdam, June 2019.
- The Guidance of Visual Attention and Gaze by Visual Working Memory*. University of Illinois, April 2018.



- The Guidance of Visual Attention and Gaze by Visual Working Memory.* Seventh Bernstein Sparks Workshop on Active Perceptual Memory. Humboldt University, Berlin, Germany, October 2015.
- The Guidance of Eye Movements by Visual Working Memory.* Department of Psychology, Iowa State University, April 2014.
- Implementing Positive and Exclusionary Templates during Visual Search.* Center for Interdisciplinary Research, University of Bielefeld, Germany, March 2014.
- The Guidance of Eye Movements by Visual Working Memory.* Center for Neuroengineering and Cognitive Science and the Department of Electrical & Computer Engineering, University of Houston, February 2014.
- The Guidance of Eye Movements by Visual Working Memory.* Institute of Neuroscience, University of Oregon, October 2013.
- The Guidance of Visual Search by Knowledge and Memory.* Department of Psychology, University of Copenhagen, Copenhagen, Denmark, August 2013.
- The Guidance of Visual Search by Knowledge and Memory.* Center for Interdisciplinary Research, University of Bielefeld, Germany, June 2013.
- Testing the Influence of Attentional Distraction on the Precision of Spatial Working Memory.* Minisymposium on Working Memory and Attention. Vrije Universiteit Amsterdam, The Netherlands, May 2013.
- The Relation between Visual Attention and Visual Working Memory.* University of Rochester, Center for Visual Science, Boynton Colloquium Series, April, 2013.
- The Role of Visual Attention in VWM and SPWM Maintenance.* University of California, Davis, Center for Mind and Brain, February, 2013.
- Choosing to remember: Selection in VWM does not depend on sustained attention.* ZIF Research Group: Linking Selection for Visual Perception, Memory, and Action. Bielefeld, Germany, October 2012.
- Interactions between visuo-spatial memory and saccade target selection during scene perception and search.* Symposium in Honor of Alan Kennedy: Spatial Coding and Eye-movement Control. 16<sup>th</sup> European Conference on Eye Movements, Marseille, France, August 2011.
- Encoding the saccade target object into visual working memory.* Symposium: Binding in Working Memory, 5th International Conference on Memory, York University, UK, August 2011.
- Interactions between visual working memory and saccade target selection during search.* 59<sup>th</sup> Nebraska Symposium on Motivation: The Influence of Attention, Learning, and Motivation on Visual Search, University of Nebraska, Lincoln, Department of Psychology, to be presented April 2011.
- (1) *The visual representation of natural scenes* (2) *The role of visual working memory in establishing object correspondence across saccades* (3) *The functional role of visual working memory in scene viewing.* Series of three Keynote Speaker addresses. 14th Workshop on Attention and Perception, National Chung Cheng University. Chiayi, Taiwan, June 2009.
- The role of visual working memory in establishing object correspondence across saccades and brief occlusion.* Vanderbilt University, Department of Psychology, October 2008.
- The role of visual short-term memory in eye movement control.* New Fellow Symposium, American Psychological Association 116<sup>th</sup> Annual Convention, Boston, August 2008.
- Visual memory for natural scenes.* Distinguished Speaker. Seventh Tsukuba International Conference on Memory: Visual Memory. Tsukuba, Japan, March 2008.
- The visual representation of natural scenes.* Keynote Speaker. The Horizons of Vision Research Conference.

- Center for Cognitive Science, California State University Long Beach, March 2008.
- The visual representation of natural scenes.* Massachusetts Institute of Technology, Department of Psychology, October 2007.
- The role of eye movements in scene perception and memory.* Keynote Speaker. Cognitive Science Workshop: What have eye movements told us so far, and what is next? Annual Meeting of the Cognitive Science Society, Vancouver, BC. July 2006.
- The role of visual short-term memory in the representation of natural scenes.* Symposium on Visual Short-Term Memory for Features and Objects, Annual Meeting of the Psychonomic Society, Minneapolis, MN. November 2004.
- The structure of scene representations.* Symposium on the Visual Cognition of Natural Scenes, Annual Meeting of the Psychonomic Society, Vancouver, BC. November 2003.
- Visual memory and the online representation of complex scenes.* Munich Visual Search Symposium, Munich, Germany. June 2003.
- Short- and long-term memory contributions to the online visual representation of natural scenes.* The University of Illinois, Department of Psychology. March 2003.
- Scene perception: Eye movements, attention, and visual memory.* The University of Iowa, Department of Psychology. February 2002.
- Scene perception: Eye movements, attention, and visual memory.* Yale University, Center for Computational Vision and Control Lunch Series. January 2002.
- The representation of natural scenes: Eye movements, attention, and visual memory.* University of Massachusetts Amherst, Five College Seminar in Cognitive Science. March 2001.
- The representation of natural scenes: Eye movements, attention, and visual memory.* Yale University, Club Neurobiology Seminar. February 2001.
- Change blindness and long-term scene memory.* Yale University, Department of Psychology. January 2000.
- Objects in real-world scenes: issues of identification and short-term memory.* Harvard University, Vision Sciences Laboratory. May 1999.

## Conference Presentations

- Niu, Z., & Hollingworth, A. (2023). The role of sensory activation in the guidance of attention by visual working memory. Talk presented at the 31st Annual Workshop on Object Perception, Attention, and Memory, San Francisco, CA.
- Niu, Z., Mordkoff, J. T., & Hollingworth, A. (2023). A coactivation mechanism of goal-directed and stimulus-driven attentional control. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Hollingworth, A., Niu, Z., Moore, C. M., & Mello-Thoms, C. (2023). Probing satisfaction of search using a laboratory analog of medical image analysis. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Prakash, A., & Hollingworth, A. (2023). Learned distractor rejection falls prey to the attentional white bear. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Niu, Z., Mordkoff, J. T., & Hollingworth, A. (2022). Goal-directed and stimulus-driven features coactively guide visual attention. Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.
- Paavola, M. L., Hollingworth, A., & Moore, C. M. (2022). Oculomotor control mechanisms are informed by

- non-retinotopic perceptual attributes of stimuli. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Kershner, A. M., & Hollingworth, A. (2022) Competition for guidance of attention by visual working memory and long-term memory. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Kershner, A. M., & Hollingworth, A. (2021). Intertrial effects in visual search are category specific. Paper presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Tas, A. C., & Hollingworth, A. (2019). Transsaccadic perception depends on object-based updating. Paper presented at the European Conference on Eye Movements, Alicante, Spain.
- Bahle, B., & Hollingworth, A. (2019). Visual search for categorically defined targets is biased toward recently viewed exemplars. Paper presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Hollingworth, A., Bahle, B., Thayer, D. J., & Mordkoff, J. T. (2019) The architecture of interaction between visual working memory and attention: Features from multiple remembered objects produce parallel, coactive guidance. Paper presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Bahle, B., & Hollingworth, A. (2018). Visual search for categorically defined targets is biased toward recently viewed exemplars. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Thayer, D. J., Bahle, B., Mordkoff, J. T., & Hollingworth, A. (2018). The guidance of attention by redundant target features in visual working memory. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Narhi, W., Bahle, B., & Hollingworth, A. (2018). Contextually cued visual sequences of attention. Poster presented at the 26th Annual Workshop on Object Perception, Attention, and Memory, New Orleans, LA.
- Bahle, B., & Hollingworth, A. (2017). Contrasting episodic-based and template-based guidance during real-world visual search. Poster presented at the 25th Annual Workshop on Object Perception, Attention, and Memory, Vancouver, BC.
- Beck, V. M., Bahle, B., & Hollingworth, A., (2016). The guidance of attention by multiple items in visual working memory. Paper presented at the Annual Meeting of the Psychonomic Society, Boston, MA.
- Bahle, B., Hollingworth, A., & Beck, V. M. (2016). The architecture of interaction between visual working memory and visual attention. Poster presented at the 24<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, Boston, MA.
- Beck, V. M., Leonard, C. J., Robinson, B. M., Hahn, B., Hollingworth, A., Gold, J. M., & Luck, S. J. (2016). People with schizophrenia demonstrate more optimal feature-guided visual search in a probabilistic search task. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Bahle, B., & Hollingworth, A. (2016). Contrasting gist-based and feature-based guidance during real-world search. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Tas, A. C., & Hollingworth, A. (2015). The representation of the saccade target object depends on visual stability. Poster presented at the Seventh Bernstein Sparks Workshop on Active Perceptual Memory, Berlin, Germany.
- Beck, V. M., & Hollingworth, A. (2015). Attentional guidance by simultaneously active working memory representations: Evidence from competition in saccade target selection. Paper presented at the European Conference on Visual Perception, Liverpool, UK.

- Tas, A. C., & Hollingworth, A. (2015). The role of visual stability in representations of pre- and post-saccadic objects. Paper presented at the European Conference on Visual Perception, Liverpool, UK.
- Beck, V. M., & Hollingworth, A. (2015). Attentional guidance by simultaneously active working memory representations: Evidence from competition in saccade target selection. Paper presented at the European Conference on Eye Movements, Vienna, Austria.
- Hollingworth, A., & Beck, V. M. (2015). Guidance of attention by multiple feature values in visual working memory. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Tas, A. C., Moore, C. M., & Hollingworth, A. (2014). The representation of the saccade target object depends on visual stability. Paper presented at the 22<sup>nd</sup> Annual Workshop on Object Perception, Attention, and Memory, Long Beach, CA.
- Beck, V. M., & Hollingworth, A. (2014). Template representations are buffered from perceptual and memorial interference during search. Poster presented at the 22<sup>nd</sup> Annual Workshop on Object Perception, Attention, and Memory, Long Beach, CA.
- Treat, T. A., & Hollingworth, A. (2014). Links between visual attention, craving, and consumption of unhealthy vs healthy food. Poster presented at the 2014 APS Annual Convention, San Francisco.
- Beck, V. M., & Hollingworth, A. (2014). Can attention be guided efficiently by a negative template? Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Tas, A. C., & Hollingworth, A. (2014). The role of visual stability in the representation of the saccade target object. Poster presented at the Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
- Hwang, S., & Hollingworth, A. (2013). The influence of saccade execution on spatial working memory precision. Paper presented at the Annual Meeting of the Psychonomic Society, Toronto, Canada.
- Tas, A. C., & Hollingworth, A. (2013). Automatic encoding of the saccade target into visual working memory. Paper presented at the 17<sup>th</sup> European Conference on Eye Movements, Lund, Sweden.
- Hwang, S., & Hollingworth, A. (2013). The influence of saccade execution on spatial working memory precision. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Hein, E., Hollingworth, A., & Moore, C. M. (2013). The influence of visual working memory on correspondence in the Ternus display. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Hein, E., Hollingworth, A., & Moore, C. M. (2013). The influence of visual short-term memory content on object correspondence. Poster presented at the 55<sup>th</sup> TEAP meeting, Vienna, Austria.
- Hollingworth, A., & Maxcey-Richard, A. M. (2012). Selection in visual working memory does not require sustained visual attention. Paper presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Beck, V. M., Hollingworth, A., & Luck, S. J. (2012). Simultaneous control of attention by multiple working memory representations. Paper presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Hwang, S., & Hollingworth, A. (2012). The reliance on ensemble statistics in VWM varies according to the quality of item memory. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Tas, A. C., Luck, S. J., & Hollingworth, A. (2012). Saccade execution, not covert attention, leads to automatic encoding of distractors into VWM. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Hollingworth, A., and Matsukura, M. (2011). Visual working memory content biases the allocation of gaze during search through natural scenes. Paper presented at the Annual Meeting of the Psychonomic

- Society, Seattle, WA.
- Tas, A. C., Luck, S. J., & Hollingworth, A. (2011). The automatic encoding of distractors into VWM through overt, but not covert attention. Paper presented at the 19<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, Seattle, WA.
- Beck, V. M., Hollingworth, A., & Luck, S. J. (2011). Visual search is guided by multiple active templates in visual working memory. Poster presented at the 19<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, Seattle, WA.
- Gearhardt, A. N., Treat, T. A., & Hollingworth, A. (2011). The relation between eating-related individual differences and attentional biases for high fat and high sugar foods. Poster presented at the 2011 APS Annual Convention, Washington, DC.
- Tas, A. C., Moore, C. M., & Hollingworth, A. (2011). The role of surface feature information in object persistence across saccades. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Beck, V. M., Luck, S. J., & Hollingworth, A. (2011). The implementation of an exclusionary attentional template: Direct versus indirect cueing. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Matsukura, M., & Hollingworth, A. (2011). How does object structure influence saccade targeting within an object? Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Dodd, M. D., Mills, M., Van der Stigchel, S., & Hollingworth, A. (2011). Examining the influence of scene manipulations and task instruction on scanpaths and inhibition of return. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Schneegans, S., Spencer, J. P., Hollingworth, A., & Schöner, G. (2011). Dynamic interactions between visual working memory and saccade planning. Paper presented at the Bernstein Conference 2011: Computational Neuroscience / Neurotechnology and Neurex Annual Meeting, Freiburg, Germany.
- Beck, V. M., Luck, S. J., & Hollingworth, A. (2010). Whatever you do, don't look at the... Exploring the parameters of an exclusionary attentional template. Paper presented at the 18<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, St Louis, MO.
- Matsukura, M., & Hollingworth, A. (2010). Visual short-term memory capacity: Disconfirming the hypothesis of an early, high-capacity store. Poster presented at the Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Tas, A. C., Moore, C. M., & Hollingworth, A. (2010). Object persistence across saccades is influenced by surface feature consistency. Poster presented at the Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Mills, M., Van der Stigchel, S., Hollingworth, A., & Dodd, M. D. (2010). Examining the influence of task set on eye movements and fixation. Poster presented at the Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Hollingworth, A., Matsukura, M., & Luck, S. J. (2010). Visual working memory influences the speed and accuracy of simple saccadic eye movements. Paper presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Matsukura, M., Luck, S. J., & Hollingworth, A. (2010). Which features of an object are stored in visual working memory across a saccade? Evidence from visual search. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Spencer, J. P., Schneegans, S., & Hollingworth, A. (2010). Dynamic interactions between visual working memory and saccade planning. Poster presented at the Annual Meeting of the Vision Sciences Society,

- Naples, FL.
- Tas, A. C., Dodd, M. D., & Hollingworth, A. (2010). The role of surface feature and spatiotemporal continuity in object-based inhibition of return. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Tas, A. C., Dodd, M. D., & Hollingworth, A. (2009). The interaction of surface feature and spatiotemporal continuity in object-based inhibition of return. Paper presented at the 17<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, Boston, MA.
- Richard, A. M., & Hollingworth, A. (2009). Strategic elimination of objects from visual working memory. Paper presented at the Annual Meeting of the Psychonomic Society, Boston, MA.
- Hollingworth, A. & Luck, S. J. (2009). The role of visual working memory in establishing object correspondence across saccades. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Richard, A. M., & Hollingworth, A. (2008). Strategic control of visual short-term memory during scene viewing. Paper presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.
- Rasmussen, I. P., & Hollingworth, A. (2008). The capacity for spatial updating in visual short-term memory. Poster presented at the 16<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, Chicago, IL.
- Brooks, D. I., Rasmussen, I. P., & Hollingworth, A. (2008). The interaction between global and local scene features in contextual cueing. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Rasmussen, I. P., & Hollingworth, A. (2008). The capacity for spatial updating in visual short-term memory. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Richard, A. M., & Hollingworth, A. (2008). Strategic control of visual short-term memory during scene viewing. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Dodd, M., Van Der Stigchel, S., Hollingworth, A., & Kingstone, A. (2008). Examining scanpaths and inhibition of return as a function of task instruction during scene viewing. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.
- Wisco, B. E., Treat, T. A., & Hollingworth, A. (2008). Depression-linked differences in attention to emotion. Poster presented at the Annual Meeting of the Association for Psychological Science, Chicago, IL.
- Brooks, D. I., Rasmussen, I. P., Hollingworth, A., and Wasserman, E. A. (2008). Contextual cueing in the pigeon. Poster presented at the Annual International Conference on Comparative Cognition, Melbourne Beach, FL.
- Hollingworth, A., & Franconeri, S. L. (2007). The role of surface features in establishing object correspondence across motion and occlusion. Paper presented at the Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Hollingworth, A., & Rasmussen, I. P. (2007). The binding of objects to locations in visual short-term memory. Paper presented at the Annual Meeting of the Experimental Psychology Society, Edinburgh, UK.
- Hollingworth, A., & Rasmussen, I. P. (2007). The binding of objects to locations in visual short-term memory. Paper presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Richard, A. M., Vecera, S. P., & Hollingworth, A. (2007). The role of object discontinuity in object-based selection. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Richard, A. M., Hollingworth, A., & Luck, S. J. (2006). Testing an object file theory of object

- correspondence across saccades. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Hollingworth, A., & Sacks, D. L. (2006). The updating of object-position binding in visual short-term memory. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Weierich, M.R., Treat, T.A., & Hollingworth, A. (2006). Spatial attentional processing of visual threat stimuli in specific phobia: Disengagement, object-based habituation, and failure of transfer. Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
- Weierich, M.R., Treat, T.A., & Hollingworth, A. (2006). Phobics' spatial attentional processing of threat reflects disengagement deficit, not enhanced orienting. Poster presented at the Annual Meeting of the Association for Psychological Science, New York, NY.
- Hollingworth, A., Richard, A. M., & Luck, S. J. (2005). The role of visual short-term memory in gaze control. Talk presented at the Annual Meeting of the Psychonomic Society, Toronto.
- Vecera, S. P., Richard, A. M., & Hollingworth, A. (2005). The spatial distribution of object-based attention. Talk presented at the Annual Meeting of the Psychonomic Society, Toronto.
- Luck, S. J., Lin, P. H., & Hollingworth, A. (2005). Similarity and interference in visual working memory. Talk presented at the Annual Meeting of the Psychonomic Society, Toronto.
- Hollingworth, A. (2005). Preserved memory for scene brightness following an undetected change. Talk presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Sacks, D. L., & Hollingworth, A. (2005). Attending to original object location facilitates visual memory retrieval. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Richard, A. M., Hollingworth, A., & Vecera, S. P. (2005). The spatial distribution of object-based attention. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Johnson, J. S., Hollingworth, A., & Luck, S. J. (2005). The role of attention in binding features in visual working memory. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Lin, P. H., Hollingworth, A., & Luck, S. J. (2005). Similarity does not produce interference between visual working memory representations. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Hollingworth, A. (2004). The role of visual short-term memory in the representation of natural scenes. Talk presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Johnson, J. S., Hollingworth, A., & Luck, S. J. (2004). The role of attention in binding features in visual working memory. Poster presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Hollingworth, A. (2004). Memory guides search in natural scenes. Talk presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Lin, P. H., Hollingworth, A., & Luck, S. J. (2004). Similarity and interference in visual working memory. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Weierich, M.R., Treat, T.A., & Hollingworth, A. (2004). The role of spatial attention in specific phobia. Poster presented at the meeting of the Association for the Advancement of Behavior Therapy, New Orleans, LA.
- Hollingworth, A. (2003). The structure of scene representations. Talk presented at the Annual Meeting of the Psychonomic Society, Vancouver, BC.
- Franconeri, S. L., Hollingworth, A., & Simons, D. J. (2003). Do new objects capture attention? Talk

- presented at the 11<sup>th</sup> Annual Workshop on Object Perception, Attention and Memory, Vancouver, BC.
- Hollingworth, A. (2003). Short- and long-term memory contributions to the online visual representation of natural scenes. Poster presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Hollingworth, A. & Henderson, J. M. (2002). Sustained insensitivity to incremental scene rotation: A dissociation between explicit change detection and visual memory. Talk presented at the Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Hollingworth, A. (2001). The relationship between change detection and visual memory: Evidence from target postcuing. Poster presented at the Annual Meeting of the Psychonomic Society, Orlando, FL.
- Hollingworth, A., & Henderson, J. M. (2000). Neither change blindness nor amnesia: Accurate memory for previously attended objects in natural scenes. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Williams, C. C., Hollingworth, A., & Henderson, J. M. (2000). Scene context and change blindness: Memory mediates change detection. Poster presented at the Annual Meeting of the Cognitive Science Society, Philadelphia, PA.
- Falk, R. J., Hollingworth, A., Henderson, J. M., Mahadevan, S., & Dyer, F. C. (2000). Eye movements in human face learning and recognition. Poster presented at the Annual Meeting of the Cognitive Science Society, Philadelphia, PA.
- Ferreira, F., Christianson, K., & Hollingworth, A. (2000). Misinterpretations of garden-path sentences. Paper presented at the Annual C.U.N.Y Conference, La Jolla, CA.
- Hollingworth, A., & Henderson, J. M. (1999). Transsaccadic change blindness and long-term scene memory. Paper presented at the 7<sup>th</sup> Annual Workshop on Object Perception and Memory, Los Angeles, CA.
- Henderson, J. M., Hollingworth, A., & Subramanian, A. N. (1999). The retention and integration of scene information across saccades: A global change blindness effect. Paper presented at the Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Christianson, K., Hollingworth, A., & Ferreira, F. (1999). Theta-roles assigned along the garden path linger, part 2. Paper presented at the Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Hollingworth, A., & Henderson, J. M. (1998). The role of eye movements in detecting changes to scenes in the flicker paradigm. Poster presented at the Annual Meeting of the Psychonomic Society, Dallas, TX.
- Hollingworth, A., Christianson, K., Halliwell, J., & Ferreira, F. (1998). Theta-roles assigned along the garden path linger. Poster presented at the Annual Meeting of the Psychonomic Society, Dallas, TX.
- Henderson, J. M., & Hollingworth, A. (1998). Insensitivity to scene changes across saccades. Paper presented at the Annual Meeting of the Psychonomic Society, Dallas, TX.
- Hollingworth, A., & Henderson, J. M. (1997). The influence of scene context on object perception. Paper presented at the 5<sup>th</sup> Annual Workshop on Object Perception and Memory, Philadelphia, PA.
- Hollingworth, A., & Henderson, J. M. (1997). Object identification in scenes: Evidence against schema-driven perception. Paper presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Lauwereyns, J., Hollingworth, A., & Henderson, J. M. (1997). Effects of real-world scenes on the control of visual-spatial attention. Paper presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Henderson, J. M., Hollingworth, A., & Weeks, P. A., Jr. (1996). The effects of scene context on object perception. Paper presented at the Scene Perception Workshop, Max Plank Institute fur Biologische Kybernetic, Tubingen, Germany.



Henderson, J. M., Weeks, P. A., Jr., & Hollingworth, A. (1996). The influence of scene context on object perception. Paper presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.

Henderson, J. M., Weeks, P. A., Jr., & Hollingworth, A. (1996). Object encoding in natural scenes. Paper presented at the International Congress of Psychology, Montreal.