

CURRICULUM VITAE

Andrew Hollingworth

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December 16, 2011

Academic Positions

- 2011 – Professor, The University of Iowa, Department of Psychology
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

Scene perception, visual memory, attention, eye movements, object recognition, spatial cognition, episodic memory

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)

Professional Activities and Affiliations

Current Editorial Positions

Associate Editor, *Cognition* (Impact Factor 3.71), 2006 –

Editorial Board, *Psychological Science* (Impact Factor 4.70), 2007 –

Editorial Board, *Journal of Experimental Psychology: General* (Impact Factor 5.04), 2007 –

Editorial Board, *Journal of Experimental Psychology: Human Perception and Performance* (Impact Factor 2.79), 2004 –

Editorial Board, *Attention, Perception, & Psychophysics* (Impact Factor 1.33), 2006 –

Previous Editorial Positions

Editorial Board, *Visual Cognition*, 2005 – 2008

Ad Hoc Reviewing: Journals

Acta Psychologica; American Journal of Psychology; Behavioral and Brain Sciences; British Journal of Psychology; Canadian Journal of Experimental Psychology; Cognition; Cognitive Psychology; Cognitive Science; Current Directions in Psychological Science; European Journal of Cognitive Psychology; Experimental Psychology; Experimental Brain Research; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Vision; Memory & Cognition; Perception; Perception & Psychophysics; Philosophical Psychology; Psychological Bulletin; Psychological Science; Psychology & Aging; Psychonomic Bulletin & Review; Vision Research; Visual Cognition

Grant Reviewing

National Institutes of Health:

Cognition and Perception Study Section, permanent member, 2012 – 2015

Cognition and Perception Study Section, temporary member, 2007

National Science Foundation: Ad hoc reviewer

Other Reviewing

Oxford University Press

Sinauer Associates

Membership in Professional Organizations

American Psychological Society

American Psychological Association (Fellow)

Psychonomic Society (Member)

Vision Sciences Society

Miscellaneous

Organizer: *The 10th Annual Workshop on Object Perception and Memory*, 2002.

Co-chair: *Psychonomic Society Symposium on Visual Short-Term Memory*, 2004.

Research Funding

Current Research Support

Eye Movements and Visual Working Memory

R01 Award, NEI

Principal Investigator, Andrew Hollingworth

Grant period: September 1st, 2011 through August 31st, 2015

Direct costs: \$800,000

Indirect costs: \$378,528

Eye Movements, Gaze Correction, and Visual Short-Term Memory

R01 Award, NEI

Principal Investigator, Andrew Hollingworth

Grant period: September 30th, 2006 through August 31st, 2012

Direct costs: \$875,000

Indirect costs: \$400,621

Cognitive Neuroscience of Attention and Working Memory in Schizophrenia

R01 Award, NIMH

Principal Investigator, James M. Gold, Maryland Psychiatric Research Center

Subcontract to Andrew Hollingworth (PI), University of Iowa

Grant period: July 3rd, 2008 through March 31st, 2013

Direct costs (entire project): \$2,570,000

Indirect costs (entire project): \$807,000

Direct costs (Iowa subcontract): \$184,000

Indirect costs (Iowa subcontract): \$80,000

Brain Structure and Function in Children at Risk for Huntington's Disease

CHDI Foundation

Principal Investigator, Peg Nopoulos

Current grant period: July 1, 2010 through June 30, 2013

Direct costs (Iowa Psychology): \$50,945

Previous Research Support*Neurological Predictors of Huntington's Disease – Eye Tracking Study*

High Q Foundation

Principal Investigator, Jane Paulsen

Grant period: September 1, 2005 through August 31, 2008

Direct costs (Iowa Psychology): \$29,504

Scene Perception and Visual Memory

R03 Award, NIMH

Principal Investigator, Andrew Hollingworth

Grant period: February 1, 2002 through January 31, 2005

Direct costs: \$100,000

Indirect costs: \$44,429

PublicationsRefereed Journal Articles

Beck, V. M., Hollingworth, A., & Luck, S. J. (in press). Simultaneous control of attention by multiple working memory representations. *Psychological Science*.

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. (in press). Control of working memory content in schizophrenia. *Schizophrenia Research*.

Tas, A. C., Dodd, M. D., & Hollingworth, A. (in press). The role of surface feature continuity in object-based inhibition of return. *Visual Cognition*.

Wisco, B. E., Treat, T. A., & Hollingworth, A. (in press). Visual attention to emotion in depression: facilitation and withdrawal processes. *Cognition & Emotion*.

- Hollingworth, A., Maxcey-Richard, A. M., & Vecera, S. P. (in press). The spatial distribution of attention within and across objects. *Journal of Experimental Psychology: Human Perception and Performance*.
- Matsukura, M., & Hollingworth, A. (2011). Does visual short-term memory have a high-capacity stage? *Psychonomic Bulletin & Review*, *18*, 1098-1104.
- 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. (PMC3163592)
- 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. (PMC3163502)
- 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. (PMC3163077)
- 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. (PMC3163079)
- 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. (PMC2764005)
- 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. (PMC2726625)
- 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. (PMC2776634)
- 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.
- 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.
- 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. (PMC2650243)
- 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. (PMC2784885)
- 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. (PMC2267751)
- Weierich, M. R., Treat, T. A., & Hollingworth, A. (2008). Theories and measurement of visual attentional processing in anxiety. *Cognition & Emotion*, *22*, 985-1018.
- 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.
- Hollingworth, A. (2006). Visual memory for natural scenes: Evidence from change detection and visual search. *Visual Cognition*, *14*, 781-807.
- Hollingworth, A. (2006). Scene and position specificity in visual memory for objects. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *32*, 58-69.

- 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.
- Hollingworth, A., Hyun, J. -S., & Zhang, W. (2005). The role of visual short-term memory in empty cell localization. *Perception & Psychophysics*, *67*, 1332-1343.
- Franconeri, S. L., Hollingworth, A., & Simons, D. J. (2005). Do new objects capture attention? *Psychological Science*, *16*, 275-281.
- Hollingworth, A. (2005). Memory for object position in natural scenes. *Visual Cognition*, *12*, 1003-1016.
- 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.
- 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.
- 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.
- 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.
- Henderson, J. M., & Hollingworth, A. (2003). Global transsaccadic change blindness during scene perception. *Psychological Science*, *14*, 493-497.
- Henderson, J. M., & Hollingworth, A. (2003). Eye movements and visual memory: Detecting changes to saccade targets in scenes. *Perception & Psychophysics*, *65*, 58-71.
- 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.
- 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.
- 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.
- Christianson, K., Hollingworth, A., Halliwell, J., & Ferreira, F. (2001). Thematic roles assigned along the garden path linger. *Cognitive Psychology*, *42*, 368-407.
- 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.
- Hollingworth, A., & Henderson, J. M. (2000). Semantic informativeness mediates the detection of changes in natural scenes. *Visual Cognition*, *7*, 213-235.
- 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.
- Henderson, J. M., & Hollingworth, A. (1999). The role of fixation position in detecting scene changes across saccades. *Psychological Science*, *10*, 438-443.
- 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.
- Hollingworth, A., & Henderson, J. M. (1998). Does consistent scene context facilitate object perception?

Journal of Experimental Psychology: General, 127, 398-415.

Edited Books

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

Book Chapters

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.

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.

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.

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.

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

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.

Commentaries

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

Published Conference Proceedings

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.

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.]

Invited Presentations and Colloquia

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. 16th 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. 59th 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 116th 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

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 to be presented at the 2011 APS Annual Convention, Washington, DC.

Tas, 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.

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 18th 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, 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 17th 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 16th 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 11th 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 7th 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 5th 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.

Courses Taught*Experimental Psychology II*

Undergraduate course, Iowa 2006, 2010

Proseminar in Cognition & Perception

Graduate core course, Iowa 2004, 2005, 2006, 2007, 2009, 2011

Sensation & Perception

Advanced undergraduate course, Iowa 2002, 2004, 2005, 2008

Eye Movements, Attention, and Action

Graduate seminar, Iowa 2005

Visual Memory

Graduate seminar, Iowa 2003, 2007, 2011, Yale 2002

Research Topics in Visual Cognition

Graduate seminar, Yale 2001, 2002

Perception

Graduate core course, Yale 2001

Introduction to Cognitive Psychology

Undergraduate course, Yale 2001

Perception

Advanced undergraduate course, Yale 2000

Cognitive Psychology

Undergraduate course, Michigan State 1998