

James R. Brockmole, Ph.D.  
Curriculum Vitae

**Contact Information**

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**Education**

University of Illinois at Urbana-Champaign, USA: Ph.D. (2003) M.A. (2001)  
University of Notre Dame; Notre Dame, IN, USA: B.A., *summa cum laude* (1999)

**Professional Appointments**

June 2009 – Associate Professor, Department of Psychology, University of Notre Dame (Notre Dame, IN, USA)

June 2009 – May 2012 Honorary Fellow, University of Edinburgh (Edinburgh, UK)

Aug 2008 – June 2009 Reader (Associate Professor), School of Philosophy, Psychology, and Language Science, University of Edinburgh (Edinburgh, UK)

Sept 2005 – July 2008 Lecturer (Assistant Professor), School of Philosophy, Psychology, and Language Science, University of Edinburgh (Edinburgh, UK)

June 2003 – Sept 2005 Post-Doctoral Research Associate, Department of Psychology, Michigan State University (East Lansing, MI, USA)

**Record of Research Funding**

\*Based on exchange rates at time of award

<b>Title</b>	<b>Funding Scheme</b>	<b>Role</b>	<b>Tenure</b>	<b>Value</b>
The effects of aging on object representation in visual working memory	European Research Council Starting Grant	PI	9/08 – 8/11 <small>(Resigned due to relocation outside Europe, July 2009)</small>	€00,000 (\$789k)
Capture of gaze by transient changes to real-world scenes	ESRC Research Grant	PI	6/08 – 5/09	£102,196 (\$204k)
Target location probability effects in visual search	ESRC Post-Doctoral Fellowship	Mentor	2/08 – 1/09	£91,904 (\$183k)
Implicit and explicit spatial working memory in unilateral visual neglect	British Academy Research Grant	Co-I	7/07 – 6/09	£3,522 (\$7k)
Effects of visual novelty on attentional disengagement	Royal Society of Edinburgh International Exchange Programme	PI	10/07 – 11/07	£2,498 (\$5k)

Why does visual working memory decline with age?	British Academy Research Grant	PI	8/06 – 7/07	£5,448 (\$11k)
The role of meaning and context in contextual cueing	Development Trust Small Project Grant	PI	1/06 – 12/06	£3,000 (\$6k)

**TOTAL AWARDED FUNDING (in approximate US dollars\*).....\$1,200,000**

### **Membership and Fellowship in Professional Associations**

\*Membership by election/invitation and based on academic/professional achievement

American Psychological Association (USA)  
 Association for Psychological Science (USA)  
 Experimental Psychology Society\* (UK)  
 Psychonomic Society\* – Full Member (USA)  
 Royal Society of Arts\* – Fellow (UK)  
 Phi Beta Kappa Society\* (USA)  
 Vision Sciences Society (USA)

### **Professional Service**

Associate Editor: *Journal of Experimental Psychology: Human Perception and Performance*  
 (2012 - present)

Consulting Editor: 1. *Journal of Experimental Psychology: General* (2008 – present)  
 2. *Visual Cognition* (2006 – present)  
 3. *Attention, Perception, & Psychophysics* (2009 – present)

Guest Editor: Special Issue of *Visual Cognition* on Binding, 2009. [Co-Editor: Steven Franconeri]

Ad hoc reviewer: Granting Agencies  
 National Science Foundation, USA  
 Arts and Humanities Research Council, UK  
 Economic and Social Research Council, UK  
 European Research Council, EU  
 Natural Sciences and Engineering Research Council, CANADA

#### Peer-Reviewed Journals

*Acta Psychologica; Attention, Perception & Psychophysics; British Journal of Psychology; Cognition; Cortex; Experimental Psychology; International Journal of Psychology; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Vision; Memory; Memory & Cognition; Perception; Psychologia; Psychological Science; Psychology and Aging; Psychonomic Bulletin & Review; Quarterly Journal of Experimental Psychology; Vision Research*

Conferences Organized: Co-organizer, 2008 European Societies of Neuropsychology

## University / College / Department Service

- Current: Director of Graduate Studies, Dept of Psychology, since 2011  
Committee on Appointments & Promotions (elected), Dept of Psychology, since 2011  
Graduate Studies Committee, Dept of Psychology, since 2010
- Past: Faculty Senate (elected), University of Notre Dame, 2010 - 2011  
Website Committee, Dept of Psychology, 2010  
Colloquium Committee, Dept of Psychology, 2009  
Publicity and Events Committee, Dept of Psychology, 2009 (Chair)  
Programme Director, MSc in Visual Cognition, University of Edinburgh (2008 - 09)  
Senatus Academicus (elected), University of Edinburgh (2007-09)

## Community Science Education

- 2012 Presenter, *Science Night*, Northpoint Elementary School, Granger, IN
- 2011 Presenter, *Science Night*, Northpoint Elementary School, Granger, IN  
Chair, Behavioral Sciences Panel, Junior Division, *Northern Indiana Regional Science and Engineering Fair*, Notre Dame, IN
- 2010 Chair, Behavioral Sciences Panel, Elementary Division, *Northern Indiana Regional Science and Engineering Fair*, Notre Dame, IN

## Courses Taught

Current: Cognitive Psychology (lecture)

Past: Statistics (lecture), Research Methods (lecture), Perception (lecture), Visual Memory (seminar)

## Publications

<sup>P</sup> Post-doc author    <sup>G</sup> Graduate student author    <sup>U</sup> Undergraduate author

### *Books*

- Brockmole, J. R.** (Ed) (2009). *The Visual World in Memory*. Hove, UK: Psychology Press. [274 pgs]
- Brockmole, J. R.**, & Franconeri, S.L. (Eds) (2009). *Binding*. Hove, UK: Psychology Press. [296 pgs]

### *Peer-Reviewed Journal Articles (Alphabetical by Year)*

- Brockmole, J. R.**, <sup>P</sup>Davoli, C. C., Abrams, R. A., & Witt, J. K. (in press). The world within reach: Effects of hand posture and tool-use on visual cognition. *Current Directions in Psychological Science*.
- Thomas, L. E., <sup>P</sup>Davoli, C. C., & **Brockmole, J. R.** (in press). Interacting with objects compresses environmental representations in spatial memory. *Psychonomic Bulletin and Review*.
- <sup>G</sup>Blakely, D. P., <sup>G</sup>Wright, T., <sup>G</sup>Dehili, V. M., Boot, W. R., & **Brockmole, J. R.** (2012). Characterizing the time course and nature of attentional disengagement effects. *Vision Research*, 56, 38-48.

- <sup>G</sup>Bloesch, E. K., <sup>P</sup>Davoli, C. C., <sup>U</sup>Roth, N., **Brockmole, J. R.**, & Abrams, R. A. (2012). Watch this! Observed tool use affects perceived distance. *Psychonomic Bulletin & Review*, *19*, 177-183.
- <sup>P</sup>Bredemeier, K., Berenbaum, H., **Brockmole, J. R.**, Boot, W. R., Simons, D. J., & Most, S. B. (2012). A load on my mind: Evidence that anhedonic depression is like multi-tasking. *Acta Psychologica*, *139*, 137-145.
- <sup>P</sup>Brown, L. A., **Brockmole, J. R.**, <sup>P</sup>Gow, A. J., & Deary, I. J. (2012). Processing speed and visuo-spatial executive function predict visual working memory ability in older adults. *Experimental Aging Research*, *38*, 1-19.
- <sup>P</sup>Davoli, C. C., & **Brockmole, J. R.** (2012). The hands shield attention from visual interference. *Attention, Perception, & Psychophysics*, *74*, 1386-1390.
- <sup>P</sup>Davoli, C. C., **Brockmole, J. R.**, Du, F., & Abrams, R. A. (2012). Switching between global and local scopes of attention is resisted near the hands. *Visual Cognition*, *20*, 659-668.
- <sup>P</sup>Davoli, C. C., **Brockmole, J. R.**, & <sup>P</sup>Goujon, A. (2012). A bias to detail: How hand position modulates visual learning and visual memory. *Memory & Cognition*, *40*, 352-359.
- <sup>P</sup>Davoli, C. C., **Brockmole, J. R.**, & Witt, J. K. (2012). Compressing perceived distance with remote tool-use: Real, imagined, and remembered. *Journal of Experimental Psychology: Human Perception and Performance*, *38*, 80-89.
- <sup>P</sup>Goujon, A., **Brockmole, J. R.**, & <sup>G</sup>Ehinger, K. A. (2012). How visual and semantic information influence learning in familiar contexts. *Journal of Experimental Psychology: Human Perception and Performance*, *38*, 1315-1327.
- Schneps, M. H., **Brockmole, J. R.**, Sonnert, G., & Pomplun, M. (2012). History of reading struggles linked to enhanced learning in low spatial frequency scenes. *PLoS ONE*, *7*, e35724.
- Witt, J. K., & **Brockmole, J. R.** (2012). Action alters object identification: Wielding a gun increases the bias to see guns. *Journal of Experimental Psychology: Human Perception and Performance*, *38*, 1159-1167.
- Logie, R. H., **Brockmole, J. R.**, & <sup>G</sup>Jaswal, S. (2011). Feature binding in visual short-term memory is unaffected by task-irrelevant changes of location, shape, and color. *Memory & Cognition*, *39*, 24-36.
- <sup>P</sup>Matsukura, M., **Brockmole, J. R.**, Boot, W. R., & Henderson, J. M. (2011). Oculomotor capture during real-world scene viewing depends on cognitive load. *Vision Research*, *51*, 546-552.
- Boot, W. R., & **Brockmole, J. R.** (2010). Irrelevant features at fixation modulate saccadic latency and direction in visual search. *Visual Cognition*, *18*, 481-491.
- Brockmole, J. R.**, & <sup>P</sup>Võ, M. L.-H. (2010). Semantic memory for contextual regularities within and across scene categories: Evidence from eye movements. *Attention, Perception, & Psychophysics*, *72*, 1803-1813.
- <sup>P</sup>Brown, L. A., & **Brockmole, J. R.** (2010). The role of attention in binding of visual features in visual working memory: Evidence from cognitive ageing. *Quarterly Journal of Experimental Psychology*, *63*, 2067-2079.
- Johnson, W., Logie, R. H., & **Brockmole, J. R.** (2010). Working memory tasks differ in factor structure across age cohorts: Evidence for dedifferentiation. *Intelligence*, *38*, 513-528.
- McIntosh, R. D., <sup>G</sup>Mulroue, A., & **Brockmole, J. R.** (2010). How automatic is the hand's automatic pilot? Evidence from dual-task studies. *Experimental Brain Research*, *206*, 257-269.
- Brockmole, J. R.**, & Boot, W. R. (2009). Should I stay or should I go? Attentional disengagement from visually unique and unexpected items at fixation. *Journal of Experimental Psychology: Human Perception and Performance*, *35*, 808-815.

- Logie, R. H., **Brockmole, J. R.**, & <sup>G</sup>Vandenbroucke, A. R. E. (2009). Bound feature combinations are fragile in visual short-term memory but form the basis for long-term learning. *Visual Cognition*, *17*, 375-390.
- <sup>P</sup>Matsukura, M., **Brockmole, J. R.**, & Henderson, J. M. (2009). Overt attentional prioritization of new objects and feature changes during real-world scene viewing. *Visual Cognition*, *17*, 835-855.
- Brockmole, J. R.**, Hambrick, D. Z., <sup>U</sup>Windisch, D. J., & Henderson, J. M. (2008). The role of meaning in contextual cueing: Evidence from chess expertise. *Quarterly Journal of Experimental Psychology*, *61*, 1886-1896.
- Brockmole, J. R.**, & Henderson, J. M. (2008). Prioritizing new objects for eye fixation in real-world scenes: Effects of object-scene consistency. *Visual Cognition*, *16*, 375-390.
- Brockmole, J. R.**, <sup>G</sup>Parra, M.A., Della Sala, S., & Logie, R. H. (2008). Do binding deficits account for age-related decline in visual working memory?. *Psychonomic Bulletin & Review*, *15*, 543-547.
- <sup>U</sup>Ehinger, K. A., & **Brockmole, J. R.** (2008). The role of color in visual search in real-world scenes: Evidence from contextual cueing. *Perception & Psychophysics*, *70*, 1366-1378.
- Henderson, J. M., **Brockmole, J. R.**, & <sup>P</sup>Gajewski, D. A. (2008). Differential detection of global luminance and contrast changes across saccades and flickers during active scene perception. *Vision Research*, *48*, 16-29.
- Brockmole, J. R.**, <sup>G</sup>Castelhano, M. S., & Henderson, J. M. (2006). Contextual Cueing in Naturalistic Scenes: Global and Local Contexts. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *32*, 699-706.
- Brockmole, J. R.**, & Henderson, J. M. (2006a). Recognition and attention guidance during contextual cueing in real-world scenes: Evidence from eye movements. *Quarterly Journal of Experimental Psychology*, *59*, 1177-1187.
- Brockmole, J. R.**, & Henderson, J. M. (2006b). Using real-world scenes as contextual cues for search. *Visual Cognition*, *13*, 99-108.
- <sup>G</sup>Gajewski, D. A., & **Brockmole, J. R.** (2006). Feature bindings endure without attention: Evidence from an explicit recall task. *Psychonomic Bulletin & Review*, *13*, 581-587.
- Boot, W. R., **Brockmole, J. R.**, & Simons, D. J. (2005). Attention capture is modulated in dual-task situations. *Psychonomic Bulletin & Review*, *12*, 662-668.
- Brockmole, J. R.**, & Henderson, J. M. (2005a). Prioritization of new objects in real-world scenes: Evidence from eye movements. *Journal of Experimental Psychology: Human Perception and Performance*, *31*, 857-868.
- Brockmole, J. R.**, & Henderson, J. M. (2005b). Object appearance, disappearance, and attention prioritization in real-world scenes. *Psychonomic Bulletin & Review*, *12*, 1061-1067.
- Brockmole, J. R.**, & Irwin, D. E. (2005). Eye movements and the integration of visual memory and visual perception. *Perception & Psychophysics* *67*, 495-512.
- Irwin, D. E., & **Brockmole, J. R.** (2004). Suppressing where but not what: The effect of saccades on dorsal- and ventral-stream visual processing. *Psychological Science*, *15*, 467-473.
- Brockmole, J. R.**, Irwin, D. E., & Wang, R. F. (2003). The locus of spatial attention during the temporal integration of visual memories and percepts. *Psychonomic Bulletin & Review*, *10*, 510-515.
- Brockmole, J. R.**, & Wang, R. F. (2003). Integrating visual images and visual percepts across time and space. *Visual Cognition*, *10*, 853-873.

- Brockmole, J. R.**, & Wang, R. F. (2003). Changing perspective within and across environments. *Cognition*, 87, B59-B67.
- Wang, R. F., & **Brockmole, J. R.** (2003). Simultaneous spatial updating in nested environments. *Psychonomic Bulletin & Review*, 10, 981-986.
- Wang, R. F., & **Brockmole, J. R.** (2003). Human navigation in nested environments. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 29, 398-404.
- Brockmole, J. R.**, Carlson, L. A., & Irwin, D. E. (2002). Inhibition of attended processing during saccadic eye movements. *Perception & Psychophysics*, 64, 867-881.
- Brockmole, J. R.**, & Wang, R. F. (2002). Switching between environmental representations in memory. *Cognition*, 83, 295-316.
- Brockmole, J. R.**, Wang, R. F., and Irwin, D. E. (2002). Temporal integration of visual images and visual percepts. *Journal of Experimental Psychology: Human Perception and Performance*, 28, 315-334.
- Irwin, D. E., & **Brockmole, J. R.** (2000). Mental rotation is suppressed during saccadic eye movements. *Psychonomic Bulletin & Review*, 7, 654-661.

#### *Book Chapters (Alphabetical by Year)*

- Brockmole, J. R.**, <sup>P</sup>Davoli, C. C., & <sup>U</sup>Cronin, D. A. (2012). The visual world in sight and mind: How attention and memory interact to determine visual experience. In B. H. Ross (Ed.). *The Psychology of Learning and Motivation, Vol. 57* (pgs 103-145). London: Elsevier.
- Brockmole, J. R.**, & <sup>P</sup>Matsukura, M. (2011). Eye movements and change detection. In S. P. Liversedge, I. D. Gilchrist, & S. Everling (Eds.). *Oxford Handbook on Eye Movements* (pgs 563 – 578). New York: Oxford University Press.
- Brockmole, J. R.** (2010). Attention and memory. In E. B. Goldstein (Ed.). *Encyclopedia of Perception* (pgs. 121-125). Thousand Oaks, CA: Sage.
- Henderson, J. M., **Brockmole, J. R.**, <sup>§</sup>Castelhana, M. S., & <sup>§</sup>Mack, M. (2007). Visual saliency does not account for eye movements during visual search in real-world scenes. In R. P. G. van Gompel, M. H. Fischer, W. S. Murray, & R. L. Hill (Eds.), *Eye movements: A window on mind and brain* (pp. 537-562). Oxford: Elsevier.
- Brockmole, J. R.**, & Wang, R. F. (2005). Spatial processing of environmental representations. In L. Itti, G. Rees, & J. Tsotsos (Eds.). *Neurobiology of Attention*. Academic Press.

#### **Papers Presented at Conferences and Workshops**

Read or presented by first author unless otherwise noted

- Biggs, A. T., Brockmole, J. R., & Witt, J. K. (May, 2012). Armed and attentive: Holding a weapon can alter attentional priorities in scene viewing. Poster presented at the 12<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Davoli, C. C., & Brockmole, J. R. (May, 2012). Handcuffing visual attention: Selection is narrowed and slowed near the hands. Poster presented at the 12<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Witt, J. K., & Brockmole, J. R. (November, 2011, Read by Brockmole). Action affects object recognition: Wielding a gun creates a bias to see guns. Paper presented at the 52<sup>nd</sup> annual meeting of the Psychonomic Society, Seattle, WA.

- Schneps, M., & Brockmole, J. R. (September, 2011). *Dyslexia linked to spatial learning advantages in contexts dominated by low-spatial frequencies*. Poster presented at the 34<sup>th</sup> European Conference on Visual Perception, Toulouse, France.
- Blakely, D., Wright, T., Boot, W. R., & Brockmole, J. R. (May, 2011). *On the precision of attention sets: Effects of distractor probability and temporal expectations on contingent capture*. Poster presented at the 11<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Boot, W. R., Wright, T., Blakely, D., & Brockmole, J. R. (May, 2011). *The time course and nature of attentional disengagement effects*. Poster presented at the 11<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Brockmole, J. R., & Witt, J. K. (May, 2011). *Action alters object identification: Wielding a gun creates a bias to see guns*. Poster presented at the 11<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Davoli, C. C., Brockmole, J. R., & Witt, J. K. (May, 2011). *Compressing perceived distance through real and imagined tool use*. Poster presented at the 11<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Wright, R., Blakely, D., Jones, J., Boot, W., & Brockmole, J. R. (May, 2011). *Linguistic and feature cues interact to determine saccadic latency and direction in visual search*. Poster presented at the 11<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Boot, W. R., & Brockmole, J. R. (May, 2010). *Can't take my eyes off of you: Delayed attentional disengagement based on attention set*. Poster presented at the 10<sup>th</sup> Annual Meeting of the Vision Sciences Society, Naples, FL.
- Schneps, M. H., Brockmole, J. R., Heffner-Wong, A., Pomplun, M., Hwang, A. D., & Sonnert, G. (May, 2010). *The role of gist in dyslexia*. Poster presented at the 10<sup>th</sup> Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Brown, L. A., & Brockmole, J. R. (April, 2010). *The role of attention in binding visual features in working memory: Evidence from cognitive ageing*. Paper presented at the **Plenary Session** of the 13<sup>th</sup> Cognitive Aging Conference, Atlanta, GA.
- Brockmole, J. R., & Vo, M. L.-H. (November, 2009). *The role of semantic memory in learning contextual regularities in real-world scenes*. Paper presented at the 50<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, Massachusetts.
- Brockmole, J. R., & Boot, W. R. (November, 2008). *Task-Irrelevant Visual Novelty Delays the Disengagement of Overt Attention*. Paper presented at the 49<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, Illinois.
- Brockmole, J. R. (April, 2008). *Representing Objects: Binding Mechanisms in VSTM Constrain Learning and Storage in VLTM*. **Invited** speaker at ESRC Seminar Series: Advancing Our Understanding of Memory and Cognitive Functioning, Lancaster, England.
- Brockmole, J. R. (December, 2007). *Attention, Memory, and Real-World Scene Processing*. **Invited** paper presented at the Rank Prize Funds Symposium on Representations of the Visual World in the Brain, Grasmere, England.
- Brockmole, J. R., & Henderson, J. M. (November, 2007). *Prioritizing New Objects for Eye Fixation in Scenes: Effects of Object-Scene Consistency*. Paper presented at the 48<sup>th</sup> Annual Meeting of the Psychonomic Society, Long Beach, California.
- Logie, R. H., Brockmole, J. R., & Vandenbroucke, A. (August, 2007). *Binding across the life span in visuo-spatial working memory*. Paper presented at the meeting of the European Society for Cognitive Psychology, Marseille, France.

- Brockmole, J. R., & Logie, R. H. (July, 2007). *Why Does Visual Working Memory Decline With Age: A Binding Study*. **Invited** Paper presented at the “Binding in Working Memory Symposium” at the joint meeting of the Psychonomic Society and Experimental Psychology Society, Edinburgh, Scotland.
- Brockmole, J. R., Hambrick, D. Z., Windisch, D. J., & Henderson, J. M. (July, 2007). *Meaning and Expertise in Contextual Cueing*. Paper presented at the joint meeting of the Psychonomic Society and Experimental Psychology Society, Edinburgh, Scotland.
- Jaswal, S., Brockmole, J. R., & Logie, R. H. (July, 2007). *Location as a feature in binding in visual working memory*. Poster presented at the joint meeting of the Psychonomic Society and Experimental Psychology Society, Edinburgh, Scotland.
- Brockmole, J. R., Castelhana, M. S., & Henderson, J. M. (April, 2006). *The Roles of Local Objects and Scene Identity in Contextual Cueing in Scenes*. Paper presented at the Meeting of the Experimental Psychology Society, Birmingham, England.
- Brockmole, J. R., & Henderson, J. M. (November, 2005). *Contextual Cueing in Real-World Scenes*. Paper presented at the 46<sup>th</sup> Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada.
- Gajewski, D. A., & Brockmole, J. R. (November, 2005). *Feature Binding in Visual Working Memory Without Continued Attention*. Poster presented at the 46<sup>th</sup> Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada.
- Hartman, M., Pukay-Martin, N. D., McCabe, J., & Brockmole, J. R. (November, 2005). *Temporal Integration: Measuring Age Differences in Working Memory Capacity and Consolidation*. Paper presented at the 46<sup>th</sup> Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada.
- Brockmole, J. R., Mack, M. L., Castelhana, M. S., Oliva, A., & Henderson, J. M. (November, 2004). *Fixation Duration is Related to Local Image Statistics During Real-World Scene Viewing*. Poster presented at the 45<sup>th</sup> Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Brockmole, J. R., & Henderson, J. M. (May, 2004). *Attentional prioritization of new objects in natural scenes*. Paper presented at the 4<sup>th</sup> Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Brockmole, J. R., Boot, W. R., Simons, D. E., & Alexander, A. L. (November, 2003). *Time's up for contingency: Contingent capture is explained by temporal confusion*. Poster presented at the 11<sup>th</sup> Annual Workshop on Object Perception, Attention, and Memory, Vancouver, Canada.
- Brockmole, J. R., Irwin, D. E., & Wang, R. F. (November, 2003). *Eye movements and the integration of visual imagery and visual perception*. Poster presented at the 44<sup>th</sup> Annual Meeting of the Psychonomic Society, Vancouver, Canada.
- Brockmole, J. R., Boot, W. R., & Simons, D. J. (May, 2003). *An auditory secondary task modulates attention capture in visual search*. Poster presented at the 3<sup>rd</sup> Annual Meeting of the Vision Sciences Society, Sarasota, FL.



- Brockmole, J. R., Wang, R. F., & Irwin, D. E. (November, 2002). *Multiple memory-percept integration*. Poster presented at the 43<sup>rd</sup> Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Brockmole, J. R., Wang, R. F., & Irwin, D. E. (May, 2002). *Properties of memory-percept integration*. Paper presented at the 2<sup>nd</sup> Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Wang, R. F., Brockmole, J. R., & Abdul-Salaam, R. A. (May, 2002). *Spatial updating across environments*. Paper presented at the 2<sup>nd</sup> Annual Meeting of the Vision Sciences Society, Sarasota, FL.
- Brockmole, J. R., Wang, R. F., & Irwin, D. E. (November, 2001). *Integration of visual memories and percepts: What is the memory process?* Paper presented at the 9<sup>th</sup> Annual Workshop on Object Perception and Memory, Orlando, FL.
- Irwin, D. E., & Brockmole, J. R. (November, 2001). *Suppressing where but not what: The effect of saccades on dorsal- and ventral-stream visual processing*. Paper presented at the 42<sup>nd</sup> Annual Meeting of the Psychonomic Society, Orlando, FL.
- Brockmole, J. R., Wang, R. F., & Irwin, D. E. (July, 2001). *Integrating visual memory and perception*. **Invited** paper presented as part of a symposium on Visual Memory: Object Representation and Integration at the 3<sup>rd</sup> International Conference on Memory, Valencia.
- Brockmole, J. R., & Wang, R. F. (November, 2000). *Switching between environmental representations in memory*. Paper presented at the 8<sup>th</sup> Annual Workshop on Object Perception and Memory, New Orleans, LA.
- Brockmole, J. R., Wang, R. F., & Irwin, D. E. (November, 2000). *Temporal integration between visual memory and perception*. Poster presented at the 41<sup>st</sup> Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Wang, R. F., Brockmole, J. R., & Stewart, C. C. (November, 2000). *Being oriented and disoriented at the same time*. Poster presented at the 41<sup>st</sup> Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Irwin, D. E., Brockmole, J. R., & Kramer, A. F. (June, 2000). *Does attention precede involuntary saccades?* Paper presented at Attraction, Distraction, and Action: An Interdisciplinary Conference and Workshop, Villanova, PA.
- Brockmole, J. R., Carlson-Radvansky, L. A. (May, 2000). *Shifts of attentional scale are suppressed during saccadic eye movements*. Paper presented at the 72<sup>nd</sup> Annual Meeting of the Midwest Psychological Association, Chicago, IL.

### **Invited Department Colloquia**

- 2013 North Dakota State University
- 2012 University of Nevada - Las Vegas
- 2011 Denison University; University of Delaware; University of Missouri
- 2010 University of Dundee (Scotland); Northwestern University; Purdue University; University of Toronto (Canada); University of Chicago
- 2009 University of Aberdeen (Scotland); University of Illinois; University of Notre Dame
- 2008 University of Munich (Germany)
- 2007 University of Trieste (Italy)
- 2006 Vrije Universiteit-Amsterdam (Netherlands)
- 2005 University at Buffalo, State University of New York; University of Edinburgh (Scotland)
- 2004 Lancaster University (England)

- 2003 Carnegie Mellon University; Johns Hopkins University; Michigan State University; University of Iowa; University of Massachusetts; University of North Carolina; University of Western Ontario (Canada)
- 2002 Southern Illinois University
- 2001 University of Michigan