

GENE A. BREWER, JR.

Arizona State University
Department of Psychology
Tempe, AZ 85287-1104
E-mail: Gene.Brewer@asu.edu
Laboratory Website: <http://www.asumaclab.com>
Google Scholar: <http://scholar.google.com/citations>

EDUCATION

2005 – 2010 Ph.D. in Psychology, University of Georgia
2003 – 2005 M.S. in Statistics, University of Georgia
2000 – 2003 B.S. in Psychology, Minor in Statistics, University of Georgia

PROFESSIONAL POSITION

2016 – Pres Associate Professor of Psychology, Arizona State University
2010 – 2016 Assistant Professor of Psychology, Arizona State University

RESEARCH INTERESTS

My interests include behavioral and electrophysiological recording of memory processes, prospective memory, source memory, recognition memory, individual differences in working memory, and emotional effects on memory. Additionally, I am interested in statistical models of memory and other statistical applications within psychology.

RESEARCH SUPPORT

2018-2019 Laboratory for Analytic Sciences
Interventions to Improve Divergent Thinking
Role: PI, Anticipated: \$84,961

2017-2021 Army Research Institute
Broadening Our View of Culture
Role: Co-PI, Total Amount Funded: \$1,709,009

2016-2019 National Science Foundation – Collaborative Proposal with Redick & Unsworth
Tailoring Cognitive Training Interventions to the Individual: Testing a
Multifaceted Theory of Working Memory
Role: PI (100% at ASU), Total Amount Funded: \$322,888

2015-2018 Air Force Office of Scientific Research
Cultural and Religious Aspects of Trust
Role: Co-PI (47.5%), Total Amount Funded: \$1,642,722

- 2012-2014 Defense Advanced Research Project Agency
Mapping the Narrative Comprehension Network
Role: Co-PI (18%), Total Amount Funded: \$1,400,622
- 2012-2014 Defense Advanced Research Project Agency
Administrative Supplement
Role: Co-PI (50%), Total Amount Funded: \$125,000
- 2012-2013 Institute for Social Science Research
Audience Reception of Race
Role: Co-Investigator, Total Amount Funded: \$34,000.00
- 2011-2013 Institute for Social Science Research
Oscillatory Dynamics of Prospective Memory Encoding and Associative
Recognition Memory
Role: PI (100%), Total Amount Funded: \$59,837.20
- 2011-2012 Arizona State University ISSR Internal Grant
Audience Reception of Race
Role: Co-PI (33%), Total Amount Funded: \$26,906.00
- 2011-2012 Arizona State University IHR Internal Grant
The Shakespeare Cognition Project: Classical Drama and Perceptions of Race
Role: Co-Investigator, Total Amount Funded: \$12,000.00

RESEARCH SUPPORT (Under Review & In Revision)

- Under Revision National Institute of Health
The Impact of Adjuvant Chemotherapy on Proactive and Reactive Cognitive
Control
Role: Co-I, Total Amount Requested: \$3,242,603
- Under Revision Army Research Institute
Mnemonic Mechanisms of Culture
Role: PI, Total Amount Requested: \$1,300,000
- Under Revision National Institute of Health
Cognitive Endophenotypes Underlying Chronic Vigilance to Social Threats
Role: Co-PI, Total Amount Requested: \$587,323
- Under Revision National Science Foundation
Motivational Modulations of Event-Related Potentials
Role: Co-PI, Total Amount Requested: \$591,959
- Under Revision National Science Foundation
A Comparative Investigation of Time-Marker Learning

Role: Co-PI, Total Amount Requested: \$637,513

Under Revision National Science Foundation

Cognitive Constraints on Coordination: An Individual Differences Approach

Role: Co-PI, Total Amount Requested: \$400,000

PUBLICATIONS

(Total = 70; + Denotes Postdoctoral Fellow, * Denotes Graduate Student, ** Denotes Barrett Honors Student)

Stefanidi, K.* , Ellis, D.* **Brewer, G. A.** (*In Press*). Free Recall Dynamics in Value-Directed Remembering. *Journal of Memory & Language*.

Wingert, K. * , Blais, C. + , Ball, B. H. * , & **Brewer, G. A.** (*In Press*). Regulating Working Memory in Emotionally-Laden Contexts. *Acta Psychologica*.

Ball, B. H.* & **Brewer, G. A.** (*In Press*). Dual Mechanisms of Prospective Memory Control: Individual Differences in Continuous and Transient Monitoring Processes. *Journal of Experimental Psychology: Learning, Memory, & Cognition*.

Brewer, G. A., Lau, K.** , Wingert, K. * , Ball, B. H.* , & Blais, C.+ (2017). Examining depletion theories under conditions of within-task transfer. *Journal of Experimental Psychology: General*, 146(7), 988.

Whitehead, P.** , **Brewer, G. A.**, & Blais, C. + (2017). ERP evidence for conflict in contingency learning. *Psychophysiology*, 54(7), 1031-1039.

Whitehead, P. S.** , **Brewer, G. A.**, Patwary, N., & Blais, C.+ (2016). Contingency learning is reduced for high conflict stimuli. *Acta Psychologica*.

Brewer, G. A., Ball, B. H.* , & Ware, J. M.** (2016). Individual Differences in Working Memory Capacity and Shooting Behavior. *Journal of Applied Research in Memory and Cognition*, 5(2), 185-191.

Brewer, G. A. & Stefanidi, K.* (2016). Long-Term Memory Structures. *Encyclopedia of the Sciences of Learning*.

Hagger, M. S., Chatzisarantis, N. L., Alberts, H., Anggono, C. O., Batailler, C., Birt, A., & Zwienerberg, M. (2016). A multi-lab pre-registered replication of the ego-depletion effect. *Perspectives on Psychological Science*, 2.

Varnum, M. E. W., Blais, C.+ , & **Brewer, G. A.** (2016). Social class affects Mu-suppression during action observation. *Social Neuroscience*, 11, 449-454.

Hall, D. L., Cohen, A. B., Meyer, K. K.* , Varley, A. H.* , & **Brewer, G. A.** (2015). Costly signaling increases trust, even across religious affiliations. *Psychological science*, 0956797615576473.

- Varnum, M. E. W., Blais, C., Hampton, R. S., & **Brewer, G. A.** (2015). Social class affects neural empathic responses. *Culture and Brain*, 3, 122-130.
- Knight, J. B., **Brewer, G. A.**, Ball, B. H., Dewitt, M., & Marsh, R. L. (2015). The influence of mood on the process and content of encoding future intentions. *Quarterly Journal of Experimental Psychology*, 68(6), 1082-1100.
- Blais, C., Stefanidi, K., & **Brewer, G. A.** (2014). The Gratton effect remains after controlling for contingencies and stimulus repetitions. *Frontiers in Cognitive Science*, 5, 1-11.
- Loft, S., Bowden, V., Ball, B. H., & **Brewer, G. A.** (2014). Fitting an ex-Gaussian function to costs in event-based prospective memory: Continuous or transient control processes? *Acta Psychologica*, 152, 177-182.
- Brewer, G. A. & **Brewer, G. A.** (2014). Parsing Public/Private Differences in Work Motivation and Performance: An Experimental Study. Republished in Justin B. Bullock, Hal G. Rainey and Andrew B. Whitford (eds.), *Virtual Issue Exclusive: Experiments in Journal of Public Administration Research and Theory*. Available electronically: http://www.oxfordjournals.org/our_journals/jopart/virtual_issue_experiments_in_jp.html
- Mennega, S E.,* Baxter, L. C., Grunfeld, I. S.,** **Brewer, G. A.**, Aiken, L. S., Engler-Chiurazie, E. B., Camp, B. W., Acosta, J. I., Braden, B. B., Schaefer, K. R., Gerson, J. E., Lavery, C. N., Tsang, C. W. S., Hewitt, L. T., Kingston, M. L., Koebele, S. V., Patten, K. J., Ball, B. H., McBeath, M. K., Bimonte-Nelson, H. A. (2014). Navigating to new frontiers in behavioral neuroscience: Traditional neuropsychological tests predict human performance on a rodent-inspired radial-arm maze. *Frontiers in Behavioral Neuroscience*.8, 1-12.
- Ball, B. H.,* **Brewer, G. A.**, Loft, S., Bowden, V.* (2014). Uncovering Continuous and Transient Monitoring Profiles in Event-Based Prospective Memory. *Psychonomic Bulletin & Review*, (ahead-of-print).
- Cook, C.,** Ball, B. H.,* & **Brewer, G. A.** (2014). No effects of executive control depletion on prospective memory attention and retrieval processes. *Consciousness & Cognition*, 27, 121-128.
- Ball, B. H.,* Klein, K.,** & **Brewer, G. A.** (2014). Processing fluency mediates the influence of perceptual information on monitoring learning of educationally relevant materials. *Journal of Experimental Psychology: Applied*, 20(4), 336-348.
- Clark-Foos, A., **Brewer, G. A.**, & Marsh R. L. (2014). Judging the reality of others memories. *Memory*.
- Meeks, J. T., Knight, J. B.,* **Brewer, G. A.**, Cook, G. I., & Marsh, R. L. (2014). Investigating the subjective reports of rejection processes in the word frequency mirror effect. *Consciousness & Cognition*, 24, 57-69.

- Unsworth, N., **Brewer, G.A.**, & Spillers, G. J.* (2013). Strategic search from long-term memory: An examination of semantic and autobiographical recall. *Memory*, (ahead-of-print), 1-13.
- Corman, S. R., Ball, B. H.*, Talboom, K.*, & **Brewer, G.A.** (2013). Assessing Two-Mode Semantic Network Story Representations Using a False Memory Paradigm. In *2013 Workshop on Computational Models of Narrative*. Vol. 32, pp. 53-61.
- Unsworth, N., **Brewer, G.A.**, & Spillers, G. J. (2013). Focusing the search: Proactive and retroactive interference and the dynamics of free recall. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *39*(6), 1742.
- Ball, B. H.*, Knight, J. B.*, Dewitt, M. R.*, & **Brewer, G. A.** (2013). Individual differences in the delayed execution of prospective memories. *The Quarterly Journal of Experimental Psychology*, (ahead-of-print), 1-15.
- Unsworth, N., McMillan, B.D.*, **Brewer, G.A.**, & Spillers, G.J. (2013). Individual differences in everyday retrospective memory failures. *Journal of Applied Research in Memory and Cognition*, *2*, 7-13.
- Unsworth, N., **Brewer, G.A.**, & Spillers, G.J. (2013). Working memory capacity and retrieval from long-term memory: The role of controlled search. *Memory & Cognition*, *41*, 242-254.
- Brewer, G. A., Walker, R. M., Bozeman, B., **Brewer, G. A.**, & Avellaneda, C. N. (2012). External control and red tape: The mediating effects of client and organizational feedback. *International Journal of Public Management*, *15*, 288-314. DOI: 10.1080/10967494.2012.725291
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2012). Working memory capacity and retrieval limitations from long-term memory: An examination of differences in availability and accessibility. *Quarterly Journal of Experimental Psychology*, *65*, 2397-2410.
- Knight, J. B.*, Marsh, R. L., **Brewer, G. A.**, & Clementz, B. A. (2012). Preparatory distributed cortical synchronization determines execution of some but not all future intentions. *Psychophysiology*, *49*(9), 1155-1167. DOI: 10.1111/j.1469-8986.2012.01400.x
- Unsworth, N., McMillan, B., **Brewer, G. A.**, & Spillers, G. J. (2012). Everyday attention failures: An individual differences investigation. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *38*(6), 1765-1772. DOI: 10.1037/a0028075
- Spillers, G. J., **Brewer, G. A.**, & Unsworth, N. (2012). Working memory and information processing. *Encyclopedia of the Sciences of Learning*.
- Brewer, G. A.** & Unsworth, N. (2012). Individual differences in the effects of retrieval from long-term memory. *Journal of Memory & Language*, *66*(3), 407-415. DOI: 10.1016/j.jml.2011.12.009

- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2012). Variation in cognitive failures: An individual differences investigation of everyday attention and memory failures. *Journal of Memory & Language*, *67*, 1-16. DOI:10.1016/j.jml.2011.12.005
- Knight, J. B.*, Ball, B. H.*, **Brewer, G. A.**, Dewitt, M., Marsh, R. L. (2012). Testing Unsuccessfully: A specification of the underlying mechanisms supporting its influence on retention. *Journal of Memory & Language*, *66*(4), 731-746. DOI: 10.1016/j.jml.2011.12.008
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2012). Evidence for a noisy contextual search: Examining the dynamics of list-before-last recall. *Memory*, *20*(1), 1-13. DOI: 10.1080/09658211.2011.626430
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2012). The role of working memory capacity in autobiographical retrieval: Individual differences in strategic search. *Memory*, *20*(2), 167-176. DOI: 10.1080/09658211.2011.651087
- Unsworth, N., Redick, T. S., Spillers, G. J., & **Brewer, G. A.** (2012). Variation in working memory capacity and cognitive control: Goal maintenance and microadjustments of control. *Quarterly Journal of Experimental Psychology*, *65*(2), 326-355. DOI: 10.1080/17470218.2011.59786
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2012). Dynamics of context-dependent recall: An examination of internal and external context change. *Journal of Memory & Language*, *66*, 1-16. DOI: 10.1016/j.jml.2011.05.001
- Johnson, K.*, Ball, B. H.*, **Brewer, G. A.**, & Cohen, A. C. (2011). Motivational and neural systems of religion. *Religion, Brain, & Behavior*, *1*(3), 227-231. DOI: 10.1080/2153599X.2011.647854
- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2011). Variation in working memory capacity and episodic memory: Examining the importance of encoding specificity. *Psychonomic Bulletin & Review*, *18*(6), 1113-1118. DOI: 10.3758/s13423-011-0165-y
- Brewer, G. A.**, Ball, B. H.*, Knight, J. B.*, Dewitt, M.*, & Marsh, R. L. (2011). Divided attention interferes with fulfilling activity-based intentions. *Acta Psychologica*, *138*, 100-105. DOI: 10.1016/j.actpsy.2011.05.011
- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2011). Factors that influence search termination decisions in free recall: An examination of response type and confidence. *Acta Psychologica*, *138*, 19-29. DOI: 10.1016/j.actpsy.2011.05.001
- Brewer, G. A.** (2011). Analyzing response time distributions: Analyzing response time distributions: Methodological and theoretical suggestions for prospective memory researchers. *Zeitschrift für Psychologie*, *219*, 117-124. DOI: 10.1027/2151-2604/a000056

- Unsworth, N., Spillers, G. J., & **Brewer, G. A.**, McMillan, B. (2011). Attention control and the antisaccade task: A response time distribution analysis. *Acta Psychologica*, *137*, 90-100. DOI: 10.1016/j.actpsy.2011.03.004
- Brewer, G. A.**, Knight, J. B., Meeks, J. T., & Marsh, R. L. (2011). On the role of imagery in event-based prospective memory. *Consciousness & Cognition*, *20*, 901-907.
- Brewer, G. A.**, Marsh, R. L., Clark-Foos, A., Meeks, J. T., Cook, G. I., & Hicks, J. L. (2011). A comparison of activity-based and event-based prospective memory. *Applied Cognitive Psychology*, *24*, 632-640. DOI: 10.1002/acp.1733
- Brewer, G. A., & **Brewer, G. A.** (2011). Experimental methods in public management research: A demonstration parsing public/private differences. *Journal of Public Administration Review & Theory*, *21*, 347-362.
- Brewer, G. A.**, Spillers, G. J., McMillan, B. & Unsworth, N. (2011). Extensive Performance on the antisaccade task does not lead to negative transfer. *Psychonomic Bulletin & Review*, *18*, 923-929. DOI: 10.3758/s13423-011-0130-9
- Knight, J. B.*, Meeks, J. T., Marsh, R. L., Cook, G. I., **Brewer, G. A.**, & Hicks, J. L. (2011). An observation on the spontaneous noticing of prospective memory event-based cues. *Journal of Experimental Psychology. Learning, Memory, and Cognition*. *37* (2), 298-307. DOI: 10.1037/a0021969.
- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2011). Variation in working memory capacity and forgetting over both the short and the long-term: An application of the Population Dilution model. *Journal of Cognitive Psychology*, *23* (2), 243-255. DOI: 10.1080
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2011). Variation in verbal fluency: A latent variable analysis of clustering, switching, and overall performance. *The Quarterly Journal of Experimental Psychology*, *64* (3), 447-466. DOI: 10.1080
- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2011). Inter- and intra individual variation in immediate free recall: An examination of serial position functions and recall initiation strategies. *Memory*, *19*, 67-82. DOI: 10.1080/09658211.2010.535658
- Suveg, C., Morelen, D., **Brewer, G. A.**, & Thomassin, K. (2010). The emotion dysregulation model of anxiety: A preliminary path analytic examination. *Journal of Anxiety Disorders*, *24*, 924-930. DOI: 10.1016/j.janxdis.2010.06.018
- Brewer, G. A.**, Marsh, R. L., Clark-Foos, A., Meeks, J. T. (2010). Noncriterial recollection influences metacognitive monitoring and control processes. *Quarterly Journal of Experimental Psychology*, *63*, 1936-1942. DOI: 10.1080/QJEP.63.10.1936

- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2010). Understanding the dynamics of correct and error responses in free recall: Evidence from externalized free recall. *Memory & Cognition*, *38*, 419-430. DOI: 10.3758/MC.38.4.419
- Unsworth, N. & **Brewer, G. A.** (2010). Variation in working memory capacity and intrusions: Differences in generation or editing? *The European Journal of Cognitive Psychology*, *22*, 990-1000. DOI: 10.1080/EJCP.22.6.990
- Brewer, G. A.**, Marsh, R. L., Meeks, J. T., Clark-Foos, A., & Hicks, J. L., (2010). The effects of free recall testing on subsequent source memory. *Memory*, *18*, 385-393. DOI: 10.1080/M.18.4.385
- Brewer, G. A.**, Knight, J. B., Unsworth, N., Marsh, R. L. (2010). Individual differences in event-based prospective memory: Evidence for multiple processes supporting cue detection. *Memory & Cognition*, *38*, 304-311. DOI:10.3758/MC.38.3.304
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2010). The contributions of primary and secondary memory to working memory capacity: An individual differences analysis of immediate free recall. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *36*, 240-247. DOI: 10.1037/JEP.36.1.240
- Unsworth, N., & **Brewer, G. A.** (2010). Individual differences in false recall: A latent variable analysis. *Journal of Memory & Language*, *62*, 19-34. DOI: 10.1016/JM&L.62.1.19
- Unsworth, N., & **Brewer, G. A.** (2010). Examining the relationships among item recognition, source recognition, and recall from an individual differences perspective. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *35*, 1578-1585. DOI: 10.1037
- Brewer, G. A.** & Marsh, R. L. (2009). On the role of episodic future simulation in encoding of prospective memories. *Cognitive Neuroscience*, *1*, 81-88. DOI: 10.1080/17588920903373960
- Unsworth, N., **Brewer, G. A.**, & Spillers, G. J. (2009). There is more to the working memory-fluid intelligence relationship than just secondary memory. *Psychonomic Bulletin & Review*, *16*, 931-937. DOI: 10.3758/PB&R.16.5.931
- Marsh, R. L., Meeks, Cook, G. I., Clark-Foos, A., Hicks, J. L., **Brewer, G. A.** (2009). Retrieval constraints on the front end create differences in recollection on a subsequent test. *Journal of Memory and Language*, *61*, 470-479. DOI: 10.1016/JML.61.3.470
- Unsworth, N., Spillers, G. J., & **Brewer, G. A.** (2009). Examining the relations among working memory capacity, attention control, and fluid intelligence from a dual-component framework. *Psychology Science Quarterly*, *51*, 388-402.

- Marsh, R. L., **Brewer, G. A.**, Jameson, J. P., Cook, G. I., Amir, N., Hicks, J. L., (2009). Threat related processing supports prospective memory retrieval for people with obsessive tendencies. *Memory*, *17*, 679-686. DOI: 10.1080/M.17.6.679
- Fragaszy, D., Kennedy, E., Murnane, A., Menzel, C., **Brewer, G. A.**, Johnson-Pynn, J., & Hopkins, W. (2009). Navigating two-dimensional mazes: Chimpanzees (*Pan troglodytes*) and capuchins (*Cebus apella*) profit from experience differently. *Animal Cognition*, *12*, 491-504. DOI: 10.1007/AM.12.3.491
- Suveg, C., Hudson, J., **Brewer, G. A.**, Flannery-Schroeder, E., Gosch, E., & Kendall, P. C. (2009). Cognitive-behavioral therapy for anxiety disorder youth: Secondary outcomes from a randomized clinical trial evaluating child and family modalities. *Journal of Anxiety Disorders*, *23*, 341-349. DOI: 10.1016/JAD.23.3.341
- Clark-Foos, A., **Brewer, G. A.**, Marsh, R. L., Meeks, J. T., & Cook, G. I. (2009). The valence of event-based prospective memory cues or the context in which they occur affects their detection. *American Journal of Psychology*, *122*, 89-97. DOI: 10.1016/j.janxdis.2009.01.003
- Bowers, J. E., et al (33 authors, with A. H. Paterson as corresponding) (2005). Comparative physical mapping links retention of microsynteny to chromosome structure and recombination in grasses. *Proceedings of the National Academy of Science*, *102*, 13206-13211. DOI:10.1101/gr.3907305

MANUSCRIPTS UNDER REVIEW

- Brewer, G. A.**, Unsworth, N., & Spillers, G. J. (Revise & Resubmit). Working memory, interference, and the testing effect.
- Brewer, G. A.**, Unsworth, N., Spillers, G. J., Clark-Foos, A., & Marsh, R. L. (Revise & Resubmit). A latent variable approach to individual differences in event-based prospective memory.
- Brewer, G. A.**, Pitães, M.*, & Ball, B. H.* (Under Review). Measuring Working Memory? Complex-Span and N-Back Tasks Measure Different Cognitive Abilities.
- Pitães, M.*, Ball, B. H.*, & **Brewer, G. A.** (Revise & Resubmit). Exploring Individual Differences in Prospective Memory Output Monitoring.
- Pitães, M.*, Blais, C., Karoly, P., Okun, M., & **Brewer, G. A.** (Under Review). Acute Pain Disrupts Prospective Memory Processes.
- Blais, C.,+ Pitães, M.*, Benkaim, M.,** McClure, S. M., Okun, M., Karoly, P., & **Brewer, G. A.** (Under Review). Acute Pain Reduces Implicit Cognitive Control.

Ball, B. H.*, Ellis, D. & **Brewer, G. A.** (Under Review). The Role of Working Memory Capacity in Analytic and Insight Problem Solving in Demanding Situations.

Stefanidi, K.*, **Brewer, G. A.** (Revise & Resubmit). Memory and Importance: Memory Accessibility Biases Judgments of Importance.

Whitehead, P., Blais, C., & **Brewer, G. A.** (Revise and Resubmit). Are Reactive Cognitive Control Processes Reliable? When Means are Not Enough.

HONORS, AWARDS, & DISTINCTIONS

- 2016 Nominated for the ASU Zebulon Pearce Distinguished Teaching Award
- 2015 Association for Psychological Science Rising Star
- 2015 Nominated for UGA 40 Under 40 Alumni Award
- 2014 Became a Behavioral & Brain Sciences Associate Member
- 2013 Nominated for the National Academy of Sciences Troland Award
- 2013 Became a Full Member of the Psychonomic Society
- 2013 Nominated for the ASU Zebulon Pearce Distinguished Teaching Award
- 2012 Nominated for the PEW Scholarship
- 2012 Nominated for the ASU Centennial Professor Award
- 2010 A. S. Edwards Award. Highest UGA Psychology Graduate Student Award
- 2010 Psi Chi Best Graduate Student Paper Award
- 2009 Herbert Zimmer Scholar
Awarded to Graduate Students Demonstrating the Potential for an Outstanding Career in Research Psychology, University of Georgia, 2008
- 2009 University of Georgia Graduate School Dean's Award
University wide dissertation completion award
- 2009 SEPA Graduate Student Research Award
Outstanding research award for research in any area of psychology, although preference will be given to those areas that are generally underrepresented at SEPA (biological, cross-cultural, and developmental psychology)
- 2009 Travel Grant Recipient for Southeastern Psychological Association Award
Additional travel award to present research nominated for the graduate student research award at SEPA
- 2005 – 2009 Graduate Student Travel Grant Recipient
Yearly UGA awards for travel to national conferences
- 2005 University of Georgia Outstanding Teaching Assistant Award
Teaching awarded to the top 10% of Graduate Teaching Assistants University Wide
- 2004 – 2005 President of the University of Georgia Statistics Club
- 2003 Presidential Scholar

INVITED PRESENTATIONS

Fall 2017 Purdue University
 Fall 2017 Notre Dame
 Spring 2017 Notre Dame
 Fall 2016 University of Mississippi
 Spring 2016 San Diego State University
 Spring 2016 Fordham University
 Fall 2015 Princeton University
 Spring 2015 Louisiana State University
 Fall 2014 Claremont McKenna College

TEACHING EXPERIENCE & SERVICE

Teaching (* indicates instructor of record):

Fall 2017 CS Seminar*
 Spring 2017 Sabbatical
 Fall 2016 Sabbatical
 Spring 2016 CS Seminar*
 Fall 2015 CS Seminar*, Memory & Cognition*, Human Memory*
 Spring 2015 CS Seminar*
 Fall 2014 CS Seminar*, Memory & Cognition (2)*
 Spring 2014 CS Seminar*
 Fall 2013 CS Seminar*
 Spring 2013 CS Seminar*, Memory & Cognition*
 Fall 2012 CAP Seminar*, Working Memory*
 Spring 2012 Memory & Cognition (2)*
 Fall 2011 Working Memory*
 Spring 2011 Memory & Cognition*
 Fall 2010 Computational Models of Human Memory, Arizona State University*
 2005 – 2010 Graduate Teaching Assistant, University of Georgia, Psychology
 Cognition *
 Research Methods *
 Research Statistics
 Graduate Statistics I, II, & III
 2009 – 2010 Adjunct Professor, Piedmont College
 Cognition *
 History of Psychology *
 Adolescent Psychology*
 2005 Adjunct Professor, University of Georgia, Statistics
 2003 – 2005 Teaching Assistant, University of Georgia Statistics 2000 Program
 Statistical Methods *
 Introductory Statistics *

Editorial Boards – Consulting Editor:

Journal of Experimental Psychology: General
Journal of Experimental Psychology: Learning, Memory, & Cognition

Ad hoc Reviewer - Journals:

Acta Psychologica, Applied Cognitive Psychology, Cognitive Psychology, European Journal of Cognitive Psychology, Frontiers in Cognitive Psychology, International Journal of Psychology, International Journal of Psychophysiology, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning Memory & Cognition, Experimental Psychology, Journal of Memory and Language, Memory & Cognition, Memory, Neuropsychologia, Psychonomic Bulletin & Review, Quarterly Journal of Experimental Psychology, Psychiatry Research, Discourse Processes, PsyCh Journal, Intelligence

Grant Agencies:

National Science Foundation College of Reviewers (2013 – present)
National Institute of Health Early Career Reviewer Program (2014-present)

AFFILIATIONS

Cognitive Neuroscience Society
Psychonomic Society (Full Member)
Behavioral & Brain Sciences (Associate Member)
Association for Psychological Science
Southeastern Psychological Association
American Psychological Association

STUDENT MENTORING

Graduate Students

Kimberly Wingert
Margarida Pitaes
Dongchen Xu
Blake Elliot
Derek Ellis
Katerina Stefanidi, MS (2015 Arizona State University)
Brett Hunter Ball, Ph.D. (2015 Arizona State University)
Justin Knight, Ph.D. (2012 University of Georgia)

Graduate Student Committees

Dissertation

Aaron Likens, Ph.D. (2016)
 Justin Fine, Ph.D. (2015)
 Ryan Ferguson, Ph.D. (2014)
 Thomas Crawford, Ph.D. (2014)
 Matthew Lancaster, Ph.D. (2013)
 Megan Papesh, Ph.D. (2012)
 Whitney Hansen, Ph.D. (2011)

Comprehensive Exams

Krista Puruhito, Comprehensive Exams
 Ileana Ratiu, Comprehensive Exams
 Bryan Camp, Comprehensive Exams
 Jennifer Weston, Comprehensive Exams
 Ryan Ferguson, Comprehensive Exams
 Justin Fine, Comprehensive Exams
 Aaron Likens, Comprehensive Exams

Masters

Melanie Hill, (2016)
 Morgan Waddell, (2016)
 Anna Popva, MS (2016)
 Cameron Gibbons, MS (2016)
 Carter Daniels, MS (2015)
 Elizabeth Marsh, MS (2012)

First Year Project Reader

Cameron Gibbons, First Year Project
 Jake Patten, First Year Project

Honors Students

Nicole Kimpton	2011-2012	Individual Differences in Creative Problem Solving
Jillian Ware	2011-2012	Individual Differences in Shooting Behavior
Kathleen Klein	2011-2012	Metacognitive Illusions in Educational Materials
Douglas Rice	2011-2012	Articulation and Intelligence
Sachi Patel	2012-2013	Meditation and Attention Control
Carson Cook	2012-2013	Depletion of Prospective Memory Processes
Alejandra Fontes	2013-2014	Motivational & Cognitive Systems of Control
Kevin Lau	2014-2015	Executive Control Depletion
Diana Rayes	2014-2015	Cultural Neuroscience
Peter Whitehead	2015-2016	Reliability of Cognitive Control
Alexis Erdington	2015-2016	Context and Activity-Based Prospective Memory
Sania Ahmed	2015-PRES	Mood and Working Memory

Honors Committee

Claire Yee	2011-2012	Ethnicity and Perceptual Processing
Jessica Bodea	2012-2013	ADHD and Substance Abuse
Jessica Shropshire	2012-2013	Array Training in Categorization
Marissa Glomski	2014-2015	Canine Delay Matching to Sample Performance
Courtney Besaw	2015-2016	Costly Signaling and Trust

Research Advisement

Itamar Grunfield	2010 – 2012	Human Radial Arm Maze
Gbolahan Olanubi	2011 – 2012	Embodiment and Memory Recall
Peter Charnell	2011 – 2012	Working Memory and Moral Reasoning
Fritzgerald Jerome	2012 – 2013	Inhibition in Memory
Blake Elliot	2014 – 2016	Value-Directed Memory Processes

Science Fair Advisement

Brian Jones	2016 – PRES	Stress and Shooting Behavior
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COMMUNITY SERVICE

2016	Expert Witness in Pinal County Trial
2016	Expert Consulting for the Justin Ross Harris Case
2014	Delivered Cognitive Science Lecture
2014	Expert Witness in Pinal County Trial
2014	Delivered Psychology Alumni Talk
2012	Race & Shakespeare
2012	AZSCITECH Festival (The Science of Baseball)
2011-2013	Bringing Psychological Science to the ASU Homecoming Festivities
2011	Brain Fair Participant

REFERENCES

Dr. Steven Goldinger
 Department of Psychology
 Arizona State University
 Tempe, AZ, 85287

Dr. Nash Unsworth
 Department of Psychology
 The University of Georgia
 Athens, GA. 30608

Dr. Arthur Glenberg
 Department of Psychology
 Arizona State University
 Tempe, AZ, 85287

Dr. Gilles Einstein
 Department of Psychology
 Furman University
 Greenville, SC 29613

Dr. Mark McDaniel
 Department of Psychology
 Washington University
 St. Louis, MO, 63130

PROFESSIONAL PRESENTATIONS (COMPLETE)

Brewer, G.A., Wingert, K., Ellis, D., Blais, C., Cohen, A. (2016, Summer). Who Can You Trust. Poster presented at the International Conference on Memory 6 in Budapest, Hungary.

Brewer, G.A., Elliot, B., Blais, C. (2016, Summer). ERP Signatures of Value-Directed Remembering in Recognition Memory Paradigm. Poster presented at the International Conference on Memory 6 in Budapest, Hungary.

Blais, C., Ellis, D. M., Wingert, K., Cohen, A. B., & **Brewer, G. A.** (2016 Winter). Trust decisions are mediated by alpha suppression over parietal electrode sites. Poster presented at Cognitive Neuroscience Society Annual Meeting in New York, NY.

Jondac, J., Patwary, N., **Ellis, D. M.,** Blais, C., & Brewer, G. A. (Winter, 2016). *Neural Correlates of Preference in Video Game Trailers*. Presented at Arizona State University's Barrow Neurological Institute 6th Annual Research Symposium in Phoenix, AZ.

Ellis, D. M., Blais, C., & Brewer, G. A. (2016, Winter). *Video Games and Working Memory*. Presented at Arizona State University's Barrow Neurological Institute 6th Annual Research Symposium in Phoenix, AZ.

Cohen, A. B., Hall, D., & **Brewer, G. A.** (2015, March). Religious costly signaling increases trust. In K. Laurin, chair, Religious dimensions and morality: Perspectives on a multifaceted relationship. Symposium conducted at ICPS conference, Amsterdam.

Ball, B. H., **Brewer, G. A.** *Source Monitoring Abilities Mediate the Relationship Between Working Memory and False Memories via Recollection Rejection Strategies* (November, 2014). Poster to be presented at the annual meetings of the Psychonomic Society, Toronto, Ontario.

Blais, C. & Stefanidi, A., & **Brewer, G.A.** (November 2014). A Gratton effect in the absence of awareness of conflict: Evidence for implicit performance monitoring. Poster to be presented at the 55th annual meeting of the Psychonomic Society, Long Beach, CA, November, 2014.

Pitães, M., & **Brewer, G. A.** (2014). *Individual Differences in Trustworthiness Judgments*. Poster presented at the Western Psychological Association Conference, April 24, 2014. Portland, OR.

Brewer, G. A., & Pitães, M. (2014). *Commission Errors in Prospective Memory: the role of implementation intentions*. Paper presented at the 4th International Conference on Prospective Memory, May, 2014. Naples, Italy.

Stefanidi, A., Ball, B. H., & **Brewer, G. A.** (2014). *Emotional Faces Produce Metacognitive Illusions in Face-Name Learning*. Poster presented at the Western Psychological Association Conference, April 24, 2014. Portland, OR.

- Ball, B. H., **Brewer, G. A.** *Processing fluency mediates the influence of perceptual information on monitoring learning of educationally-relevant materials.* (December, 2013). Talk given at the Joint ASU-UA Conclave, Tucson, AZ.
- Ball, B. H., **Brewer, G. A.** *Stable Individual Differences Across Multiple False Memory Paradigms* (November, 2013). Paper presented at the annual meetings of the Psychonomic Society, Toronto, Ontario.
- Ball, B. H., **Brewer, G. A.** *Requiring Metamemory Judgments Changes Behavior* (November, 2013). Poster presented at the annual meetings of the Psychonomic Society, Toronto, Ontario.
- Pitães, M., Ball, B. H., & **Brewer, G. A.** (2013). *Exploring Individual Differences in Prospective Memory Output-Monitoring.* Poster presented at the Annual Meeting of the Psychonomic Society 2013, Ontario, Canada.
- Talboom, K., Rice, D., Ball, B. H., **Brewer, G. A.** (November 2013). *Speaking aloud improves Ravens Advanced Progressive Matrices performance.* Poster presented at the annual meeting of the Psychonomic Society 2013, Ontario, Canada.
- Ware, J., Ball, B. H., & **Brewer, G. A.** (2013, March). Shooting behavior: How individual differences in working memory capacity influence the decision to shoot. Poster presented at the American Psychology-Law Society Conference, Portland, OR.
- Ball, B., Talboom, K., Eren, S., & **Brewer, G.A.** (November, 2012). Self-controlled encoding processes benefit future intention fulfillment. Poster accepted at the annual meeting of the Psychonomic Society 2012, Minneapolis, MN.
- Charnell, P., Rice, D., Klein, K., Ware, J., Kimpton, N., Johnson, K., Cohen, A., Talboom, K., Ball, H., & **Brewer, G.A.** (February, 2012). On being an individual who differs. Paper presented at the Cognition, Action, & Perception Seminar, Tempe, AZ.
- Ball, B. H., **Brewer, G. A.**, DeWitt, M. R., Knight, J. B., Marsh, R. L., & Hicks, J. L. (May, 2011). Successful Source Memory in the Absence of Item Memory. Poster presented at the annual Context and Episodic Memory Symposium, Bloomington, IN.
- Ball, B. H., Knight, J. B., DeWitt, M. R., **Brewer, G. A.**, Marsh, R. L., Hicks, J. L. (December, 2011). Semantic Context Affects False Memories. Poster presented at the Joint ASU-UA Conclave, Tucson, AZ.
- Ware, J., Klein, K., Kimpton, N., Ball, B. H., & **Brewer, G. A.** (December 2011). Shooting behavior: How individual differences in working memory capacity influence the decision to shoot. Paper presented at the second annual University of Arizona / Arizona State Cognitive Science Conclave, Tucson, AZ.

- Brewer, G. A.**, Grunfeld, I. S., Camp, B. W., Baxter, L. C., McBeath, M. K., & Bimonte-Nelson, H. A. (November, 2011). Working Memory in Rats and Humans. Paper presented at the annual meeting of the Psychonomic Society, Seattle, WA.
- Ball, B. H., **Brewer, G. A.**, DeWitt, M. R., Knight, J. B. (November, 2011). Individual Differences in the Delayed-Execution of Prospective Memories. Poster presented at the annual meetings of the Psychonomic Society, Seattle, WA.
- Brewer, G. A.** (August, 2011). Reducing Cryptomnesia by Employing Source Monitoring Decision Criteria. Paper presented at the 5th International Conference on Memory, York, UK.
- Brewer, G. A.**, Ball, B. H., Knight, J. B., & Dewitt, M. (August, 2011). Metacognition and Prospective Memory. Paper presented at the 5th International Conference on Memory, York, UK.
- Brewer, G. A.** (November, 2010). Mind Reading: Judging the Reality of Others' Memories. Data Blitz presented at the first annual University of Arizona / Arizona State Cognitive Science Conclave. Tempe, AZ.
- Brewer, G. A.** (July, 2010). Intention Formation and Retrieval: A Model of Delaying Behavior for the Future. Paper presented at the 3rd International Conference for Prospective Memory, Vancouver, BC.
- Brewer, G. A.**, Spillers, G. J., Unsworth, N. (April, 2010). *Working Memory, Interference, and the Testing Effect*. Poster presented at the Context and Episodic Memory Conference, Philadelphia, PA.
- Spillers, G.J., **Brewer, G.A.**, & Unsworth, N. (April 2010). *Individual differences in working memory capacity and variation in the temporal-contextual dynamics of retrieval in free recall*. Poster presented at the annual Context and Episodic Memory Symposium 2010, Philadelphia, PA.
- Knight, J. B., **Brewer, G. A.**, Clementz, B. A., & Marsh, R. L. (April, 2010). On the role of attentional processes in event-based prospective memory. Poster presented at the annual meetings of the Cognitive Neuroscience Society, Montréal, Canada.
- Brewer, G. A.** (March, 2010). Memory for the Future. Paper presented at PSI CHI 2010 Conference at The University of Georgia, Athens, GA.
- Ball, B. H., **Brewer, G. A.**, Knight, J. B., DeWitt, M. R., & Marsh, R. L. (March, 2010). The Effects of Divided Attention on Activity-Based Prospective Memory. Poster presented at the annual meetings of the Psi Chi Conference, Athens, GA.

- Bobilev, A., Spillers, G.J., **Brewer, G.A.**, & Unsworth, N. (March 2010). *Variation in working memory capacity and directed forgetting*. Poster presented at PSI CHI 2010 Conference at The University of Georgia, Athens, GA.
- Katz, S., **Brewer, G.A.**, Spillers, G.J., & Unsworth, N. (March 2010). *Metacognitive Illusions*. Poster presented at PSI CHI 2010 Conference at The University of Georgia, Athens, GA.
- Brewer, G. A.**, Knight, J. B., Spillers, G. J., Unsworth, N., & Marsh, R. L. (November, 2009). *Individual Differences in Event-Based Prospective Memory*. Poster presented at the annual meetings of the Psychonomic Society, Boston, MA.
- Brewer, G. A. & **Brewer, G. A.** (March 2009). *Answering the Call of Public Service in a Time of Turbulence and Opportunity*. Keynote Lecture for Pi Sigma Alpha National Political Science Honor Society's Spring Banquet at the University of North Carolina, Charlotte.
- Brewer, G. A. & **Brewer, G. A.** (March 2009). *Parsing Public/Private Differences: An Experimental Study*. Invited colloquium given at the University of North Carolina, Charlotte.
- Brewer, G. A.**, Spillers, G. J., Unsworth, N. (March, 2009). *Primary Memory and Secondary Memory Jointly Determine Working Memory Capacity*. Poster presented at the annual meetings of the American Psychological Society, San Francisco, CA.
- Brewer, G. A.**, & Spillers G. J. (March, 2009). *Individual Differences in Susceptibility to Proactive Interference*. Paper presented at PSI CHI 2009 Conference at The University of Georgia, Athens, GA.
- Katz, S., Thomassin, K., **Brewer, G. A.**, Spillers, G. J., Unsworth, N. (March 2009). *Mood and Fluency*. Poster won the PSI CHI 2009 Undergraduate Research Award at The University of Georgia, Athens, GA.
- Spillers, G. J., **Brewer, G. A.**, Unsworth, N. (March 2009). *Individual Differences in Retrieval from Secondary Memory: Encoding or Retrieval Phenomena?* Poster presented at PSI CHI 2009 Conference at The University of Georgia, Athens, GA.
- McMillan, B., **Brewer, G. A.**, Spillers, G. J., Unsworth, N. (March 2009). *Inabilities to Find Training after 3,500 Trials on an Executive Control Task*. Poster presented at PSI CHI 2009 Conference at The University of Georgia, Athens, GA.
- Brewer, G. A.** (March 2009). *Testing Dual Process Theories of Memory*. Paper presented at the Cognitive & Neuroscience Brownbag Series at The University of Georgia, Athens, GA.
- Clark-Foos, A., Meeks, J. T., Knight, J. B., **Brewer, G. A.**, & Marsh, R. L. (February, 2009). *Semantic Sense Affects Source Monitoring*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.

- Brewer, G. A.**, Clark-Foos, A., Meeks, J. T., Knight, J. B., & Marsh, R. L. (February, 2009). *The Role of Declarative Knowledge in Encoding Prospective Memories*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Meeks, J. T., Clark-Foos, A., **Brewer, G. A.**, Knight, J. B., & Marsh, R. L. (February, 2009). *Stimulus Effects on Rejection Processes in a Recognition Memory Test*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Knight, J. B., **Brewer, G. A.**, Clark-Foos, A., Meeks, J. T., & Marsh, R. L. (February, 2009). *Lure Interference in Event-Based Prospective Memory*. Paper presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Brewer, G. A.**, Clark-Foos, A., Marsh, R. L., Meeks, J. T., Foos, Paul. W. (November, 2008). *Noncriterial Recollection Affects Feelings of Knowing*. Poster presented at the annual meetings of the Psychonomic Society, Chicago, IL.
- Brewer, G. A.**, Clark-Foos, A., Marsh, R. L., & Meeks, J. T. (November, 2008). *The Testing Effect Does Not Uniformly Change Source Monitoring*. Poster presented at the annual meetings of the Psychonomic Society, Chicago, IL.
- Brewer, G. A.**, Meeks, J. T., Clark-Foos, A., Cook, G. I., & Marsh, R. L. (May, 2008). *Self Initiated Cueing and Activity-Based Prospective Memory*. Poster presented at the annual meetings of the American Psychological Society, Chicago, IL.
- Clark-Foos, A., **Brewer, G. A.**, Meeks, J. T., Marsh, R. L., Foos, P. W., & Clark, C. (May, 2008). *The influence of noncriterial information on metacognitive search strategies*. Poster presented at the annual meetings of the American Psychological Society, Chicago, IL.
- Brewer, G. A.** (March 2008). *The Testing Effect Depends on Retrieval Dynamics*. Paper presented at PSI CHI 2008 Conference at The University of Georgia, Athens, GA.
- Brewer, G. A.**, Clark-Foos, A., Meeks, J. T., & Marsh, R. L. (March, 2008). *Grand Theft Plagiarism: Stealing Less When We Will Get Caught*. Poster to be presented at the annual meetings of the Southeastern Psychological Association, Charlotte, NC.
- Brewer, G. A.** (March 2008). *Applications of Finite Mixture Modeling to a Signal Detection Analysis of Source Discrimination*. Paper presented at the Cognitive & Neuroscience Brownbag Series at The University of Georgia, Athens, GA.
- Clark-Foos, A., **Brewer, G. A.**, Meeks, J. T., & Marsh, R. L. (March, 2008). *Judging reality: I've got to admit it's getting better*. Poster to be presented at the annual meetings of the Southeastern Psychological Association, Charlotte, NC.

- Meeks, J. T., Clark-Foos, A., **Brewer, G. A.**, Hicks, J. L., & Marsh, R. L. (March, 2008). *Utilizing Retrieval Modes: Improving Memory on the Front End*. Poster to be presented at the annual meetings of the Southeastern Psychological Association, Charlotte, NC.
- Meeks, J. T., Cook, G. I., Clark-Foos, A., **Brewer, G. A.**, & Marsh, R. L. (November, 2007). *Careful Inspection of Memory Reduces Recognition Memory Accuracy*. Poster presented at the annual meetings of Psychonomic Society, Long Beach, CA.
- Brewer, G. A.** (March 2007). *Reducing Cryptomnesia by Employing Source Monitoring Decision Criteria*. Paper presented at PSI CHI 2007 Conference at The University of Georgia, Athens, GA.
- Brewer, G. A.**, Clark-Foos, A., Meeks, J. T., & Marsh, R. L. (February, 2007). *Valenced context affects event-based prospective memory*. Poster presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Clark-Foos, A., **Brewer, G. A.**, Meeks, J. T., & Marsh, R. L. (February, 2007). *Emotionally arousing stimuli survive taxation of processing resources*. Paper presented at the annual meetings of the Southeastern Psychological Association, New Orleans, LA.
- Brewer, G. A.**, Clark-Foos, A., & Porter, B. (December, 2006). *Power of 10-Hz Steady State Visual Evoked Field Responses in a Magnetoencephalogram as a Function of Steady State Duration*. Paper presented at the first annual meeting of the Bioimaging Research Center, Athens GA.
- Clark-Foos, A., **Brewer, G. A.**, & Porter, B. (December, 2006). *Power of 10-Hz Steady State Visual Evoked Potentials in an Electroencephalogram as a Function of Steady State Duration*. Paper presented at the first annual meeting of the Bioimaging Research Center, Athens GA.
- Hoy, E. A., Frigaszy, D., **Brewer, G. A.**, Johnson-Pynn, J., and Murnane, A. (2005). *A comparison of the ability of chimpanzees (Pan troglodytes) and capuchin monkeys (Cebus apella) to solve two-dimensional detour problems*. Poster presented at the Comparative Cognition Conference, Melbourne, Florida.
- Brewer, G. A.** & Pike, C. (March, 2004). *Survey the States: An Interactive Teaching Method For Statistics*. Presented at the 3rd Annual Teaching Matters Conference at Gordon College, Barnesville, GA.