

## TEXAS STATE VITA

### I. Academic/Professional Background

A. Name: Rebecca G. Deason

Title: Assistant Professor

#### B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
PhD	2008	University of Minnesota	Cognitive and Biological Psychology Minor: Neuroscience	Masked antipriming: A behavioral and event-related potential examination of short-term antipriming effects
BA	1999	Carleton College	Psychology Minor: Cognitive Science	

#### C. University Experience

Position	University	Dates
Assistant Professor	Texas State University, San Marcos	Aug 2013 - present
Instructor in Neurology	Boston University School of Medicine	June 2010- July 2013
Health Science Specialist	VA Boston Healthcare System	Jan 2011- July 2013
Postdoctoral Fellow in Cognitive Neuroscience	Edith Nourse Rogers Memorial Veterans Hospital, Bedford, MA; Boston University School of Medicine	Dec 2008 – Dec 2010

## II. TEACHING

#### A. Teaching Honors and Awards:

2017 Presidential Distinction Award  
 2017 College of Liberal Arts Golden Apple Award  
 2016 Named Favorite Professor by Alpha Chi Honor Society  
 2015 Named Favorite Professor by Alpha Chi Honor Society  
 2014 Named Favorite Professor by Alpha Chi Honor Society  
 2013 Invited to Alpha Delta Pi Scholarship Banquet as a “Favorite Professor”

#### B. Courses Taught:

##### Texas State University

Psychology 5360K: Human Memory and Memory Disorders

Psychology 3341: Cognitive Processes

Psychology 4395: Independent study

Psychology 5399: Thesis

##### Other Universities

Fall 2012 Co-Director, Cognitive Neuroscience of Memory and Perception,  
 Graduate Course in Behavioral Neuroscience Program, Boston  
 University School of Medicine

## C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

Thesis Chair for Masters of Psychological Research, Texas State University

2018- Alyse Whitney Finch

2018- Mark Stern

2015-2017 Katelyn Stephenson, *Effects of attention on subsequent preference judgments in young adults and healthy older adults*2015-2017 Katherine Mooney, *Music as a memory enhancer in healthy young adults: An event-related potential investigation*2013-2016 Andrew Santana, *Music and memory: An ERP examination of the use of music as a mnemonic device*

Thesis Committee for Masters of Psychological Research, Texas State University

2016-2018 Sean Fickle, *Sleep facilitates analogical transfer in problem solving*2016-2018 Miguel Capote, *Individual, occupational, and health factors that contribute to absenteeism of teachers in Texas public schools*2015-2017 Samantha White, *Associative priming and implicit bias towards African Americans*2015-2017 Ruben Vela, *Assessing fatigue and mental workload during prolonged reading on LCD and E-ink displays*2013-2016 Christopher Hawkins, *The selective consolidation of declarative memories*

Thesis Committee for Masters in Dementia and Aging Studies, Texas State University

2018- Teresa Vannoy, *BRFSS 2015-2016: Exploring the Burden of Caring for Others*

Thesis Advisor for Masters of Medical Science, Boston University School of Medicine

2012-13 Traci Aoki, *Evaluation of the Alzheimer's Association Dementia Care Coordination Project*2010-11 Jermie Gandhi, *The use of flexible errorless learning to increase gist-based memory in patients with Alzheimer's disease*

Honors Thesis Supervisor, Texas State University

2017- Julie Guerrero, *Music as a source memory enhancer*

Committee for College of Biological Sciences Honors Thesis, University of Minnesota

2010 Rebecca Kruc, *A direct comparison of repetition priming and the mere exposure effect using pictorial stimuli*

## D. Courses Prepared and Curriculum Development

Courses Prepared:

PSY 5360K: Human Memory and Memory Disorders, Texas State University

PSY 3341: Cognitive Processes, Texas State University

Cognitive Neuroscience of Memory and Perception, Perception sections, Boston University School of Medicine

Curriculum Development:

PSY 5360K: Human Memory and Memory Disorders, Texas State University

## I. Other:

## Guest Lecture:

Spring 2016 HON 3397 Psychology in Film (Instructor: Ceballos).

## Honors Contract Course (PSY 3341):

Spring 2016 Added additional writing assignment for honors student, John Treffalls

## Professional Development Training:

Spring 2014 Completed Program in Excellence in Teaching and Learning

## Laboratory Research Assistant Supervision:

2017-2018

Graduate Students: Miguel Capote; Undergraduate students: Juliana Guerrero (Honors Thesis), Ty Cervantes, Alonzo Secrett, Megan Heath, Aaliyah Fritz, Audrey Eberhardt, Cassandra Ruiz, Jordan Mazik, Solange Troncozo-Buenano, Stephanie Carsten, Kayci Wheeler, Karina Hano, Kat Brinkley, Madiha Ali, Lindsey Hall, Amanda Horgan, Lauren Sheridan, Mallonie Zhivotovskaya

2016-2017

Graduate Students: Katelyn Stephenson, Katherine Mooney, Miguel Capote; Undergraduate students: Shane Sullivan, Caitlin Martinez, Juliana Guerrero, Blanca Zamarron-Torres, Kamari Smalls, Leif Montgomery, Emily Arzola, David Hernandez, Ty Cervantes, Crystal Lemchi, Alonzo Secrett, Megan Heath, Aaliyah Fritz

2015-2016

Graduate students: Andrew Santana, Christopher Hawkins, Katelyn Stephenson, Katherine Mooney; Undergraduate students: Daniel Riley, Kelly Stewart, Avery Ferguson, Caitlin Martinez, Juliana Guerrero, Shane Sullivan

2014-2015

Graduate students: Andrew Santana, Christopher Hawkins; Undergraduate students: Katelyn Stephenson, Ruben Vela, Amber Watson, Amanda Moore, Leigha Millsap, Daniela Mercado, Daniel Riley, Angela Johnson, Kelly Stewart

2013-2014

Graduate students: Andrew Santana, Christopher Hawkins; Undergraduate students: Katelyn Stephenson, Caitlin Dougherty, Katherine Mejia, Amanda Silva, John Treffalls, Ruben Vela, Erica Feinman, Amber Watson, Gregory Caparis

## Teaching Assistant Experience:

Spring 2008 Teaching Assistant, Psychology 4994: Psychology Honors Research Practicum, University of Minnesota, Instructor: Dr. Randy Fletcher

Spring 2008 Teaching Assistant, Psychology 3051: Introduction to Cognitive Psychology, University of Minnesota, Instructor: Amy Kurivchack

Fall 2007 Teaching Assistant, Psychology 5062: Cognitive Neuropsychology (graduate level), University of Minnesota, Instructor: Dr. Sheng He

Spring 2007 Teaching Assistant, Psychology 3061: Introduction to Biological Psychology, University of Minnesota, Instructor: Dr. Mark Thomas

- Fall 2006 Teaching Assistant, Psychology 5031: Human Machine Interaction (graduate level), University of Minnesota, Instructor: Dr. Paul Beckmann
- Fall 2006 Teaching Assistant, Psychology 5062: Cognitive Neuropsychology (graduate level), University of Minnesota, Instructor: Dr. Sheng He
- Spring 2006 Teaching Assistant, Psychology 3061: Introduction to Biological Psychology, University of Minnesota, Instructor: Dr. Mark Thomas
- Fall 2005 Teaching Assistant, Psychology 5062: Cognitive Neuropsychology (graduate level), University of Minnesota, Instructor: Dr. Sheng He
- Fall 2005 Teaching Assistant, Psychology/Neuroscience 5051W: Perception (graduate level), University of Minnesota, Instructor: Dr. Gordon Legge

### III. SCHOLARLY/CREATIVE

#### A. Works in Print

##### 1. Books (if not refereed, please indicate)

##### d. Chapters in Books:

**Deason, R. G.** & Marsolek, C. J. (2012). Neural Correlates of Repetition Priming: An Examination of the Convergence of fMRI and ERP Effects. In N. Hsu & Z. Schutt (eds.), *Psychology of Priming*. New York: Nova Science Publishers, Inc.

##### 2. Articles

##### a. Refereed Journal Articles:

**Deason, R. G.**, Strong, J. V., Tat, M. J., Simmons-Stern, N., & Budson, A. E. (Accepted). Explicit and implicit memory for music in healthy older adults and patients with Alzheimer's disease. *Journal of Clinical and Experimental Neuropsychology*.

Malone, C., **Deason, R. G.**, Palumbo, R., Heyworth, N., Tat, M. J., & Budson, A. E. (Accepted). False memory in patients with mild cognitive impairment and Alzheimer's disease: Can cognitive strategies help? *Journal of Clinical and Experimental Neuropsychology*.

Turk, K. W., El-Shaar, A., **Deason, R. G.**, Heyworth, N., Flannery, S., Frustace, B., Nagle, C., Zumwalt, A., & Budson, A. E. (2018). Late positive component event-related potential amplitude predicts long-term classroom-based learning. *Journal of Cognitive Neuroscience*, 30, 1323-1329. (IF 3.108)

**Deason, R. G.**, Nadkarni, N., Tat, M. J., Flannery, S., Frustace, B., Ally, B. A., & Budson, A. E. (2017). Use of metacognitive strategies to decrease false memories in source monitoring in patients with mild cognitive impairment. *Cortex*, 91, 287-296. (IF = 4.703)

**Deason, R. G.**, Tat, M. J., Flannery, S., Mithal, P. S., Hussey, E. P., Crehan, E. T., Ally, B. A., & Budson, A. E. (2017). Response bias and response monitoring: Evidence from healthy older adults and patients with mild Alzheimer's disease. *Brain and Cognition*, 119, 17-24. (IF = 2.822)

- Tat, M. J., Soonsawat, A., Nagle, C. B., **Deason, R. G.**, O'Connor, M. K., & Budson, A. E. (2016). The influence of strategic encoding on false memory in patients with mild cognitive impairment and Alzheimer's disease dementia. *Brain and Cognition*, *109*, 50-58. (IF = 3.019)
- Rosa, N. M., **Deason, R. G.**, Budson, A. E., & Gutchess, A. H. (2016). Source memory for self and other in patients with mild cognitive impairment due to Alzheimer's disease. *Journal of Gerontology Psychological Sciences*, *71*, 59-65. (IF = 3.488)
- Deason, R. G.**, Hussey, E. P., Flannery, S., & Ally, B. A. (2015). Using conceptual implicit memory to understand the picture superiority effect in patients with Alzheimer's disease. *Brain & Cognition*, *99*, 112-117. (IF = 3.019)
- O'Connor, M. K., **Deason, R. G.**, Reynolds, E. W., Flannery, S., Vassey, E., Solomon, P., & Budson, A. E. (2015). The imagination inflation effect in older adults with and without Alzheimer's disease. *Neuropsychology*, *29*, 550-60. (IF = 3.682)
- Rosa, N. M., **Deason, R. G.**, Budson, A. E., & Gutchess, A. H. (2015). Self-referencing and false memory in mild cognitive impairment due to Alzheimer's disease. *Neuropsychology*, *29*, 799-805. (IF = 3.682)
- McMenamin, B. W., **Deason, R. G.**, Steele, V. R., Koutstaal, W., & Marsolek, C. J. (2015). Separability of abstract-category and specific exemplar visual object subsystems: Evidence from fMRI pattern analysis. *Brain and Cognition*, *93*, 54-63. (IF = 3.019)
- Sun, X., Salat, D., Upchurch, K., **Deason, R. G.**, Kowall, N., & Budson, A. E. (2014). Destruction of white matter integrity in patients with mild cognitive impairment and Alzheimer's disease. *Journal of Investigative Medicine*, *62*, 927-33. (IF = 1.746)
- Marsolek, C. J., DeYoung, C., Domansky, S. D., & **Deason, R. G.** (2013). Hemispheric asymmetries in motivation neurally dissociate self-description processes. *Emotion*, *13*, 462-467. (IF = 4.402)
- Deason, R. G.**, Simmons-Stern, N. R., Frustace, B. S., Ally, B. A., & Budson, A. E. (2012). Music as a memory enhancer: differences between healthy older adults and patients with Alzheimer's disease. *Psychomusicology: Music, Mind, and Brain*, *22*, 175-179.
- Simmons-Stern, N. R., **Deason, R. G.**, Brandler, B. J., Frustace, B. S., O'Connor, M. K., Ally, B. A., Budson, A. E. (2012). Music-based memory enhancement in Alzheimer's disease: Promise and limitations. *Neuropsychologia*, *50*, 3295-3303. (IF = 3.477)
- Deason, R. G.**, Hussey, E. P., Budson, A. E., & Ally, B. A. (2012). Gist-based conceptual processing of pictures remains intact in patients with amnesic mild cognitive impairment. *Neuropsychology*, *26*, 202-208. (IF = 3.579)
- Deason, R. G.**, Hussey, E. P., Ally, B. A., & Budson, A. E. (2012). Changes in response bias with different study-test delays: Evidence from young adults, older adults, and patients with Alzheimer's disease. *Neuropsychology*, *26*, 119-126. (IF = 3.579)

Dodson, C. S., Spaniol, M., O'Connor, M. K., **Deason, R. G.**, Ally, B. A., & Budson, A. E. (2011). Alzheimer's disease and memory-monitoring impairment: Alzheimer's patients show a monitoring deficit that is greater than their accuracy deficit. *Neuropsychologia*, *49*, 2609-18. (IF = 3.636)

Marsolek, C. J., **Deason, R. G.**, Ketz, N. A., Ramanathan, P., Bernat, E. M., Steele, V. R., Patrick, C. J., Verfaellie, M., & Schnyer, D. M. (2010). Identifying objects impairs knowledge of other objects: a relearning explanation for the neural repetition effect. *NeuroImage*, *49*, 1919-1932. (IF = 5.932)

Marsolek, C. J., Schnyer, D. M., **Deason, R. G.**, Ritchey, M., & Verfaellie, M. (2006). Visual antipriming: Evidence for ongoing adjustments of superimposed visual object representations. *Cognitive, Affective, and Behavioral Neuroscience*, *6*, 163-174. (2008 IF = 3.132)

**Deason, R. G.**, & Marsolek, C. J. (2005). A critical boundary to the left-hemisphere advantage in visual word processing. *Brain and Language*, *92*, 251-261. (2007 IF = 2.64)

**Deason, R. G.**, Andresen, D. R., & Marsolek, C. J. (2005). Causal relations between asymmetries at the individual level? *Behavioral and Brain Sciences*, *28*, 596-597. (IF = 9.88)

b. Non-referred Articles: Invited Commentary:

Marsolek, C. J. & **Deason, R. G.** (2007). Hemispheric asymmetries in visual word-form processing: Progress, conflict, and evaluating theories. *Brain and Language*, *103*, 304-307. (IF = 2.64)

3. Conference Proceedings

a. Refereed Conference Proceedings (\* = Texas State undergraduate; \*\* Texas State MAPR students):

Stephenson, K.\*\*, Guerrero, J.\*, & **Deason, R. G.** (2018, May). Attentional modulation of preference judgments in young adults and healthy older adults. Presented at the 2018 Cognitive Aging Conference, Atlanta, GA.

**Deason, R. G.**, Strong, J., Tat, M., Simmons-Stern, N. R., & Budson, A. E. (2017, October). Implicit and explicit memory for music in healthy older adults and patients with Alzheimer's disease. Presented at the annual meeting of the Southwest Association for Research in Memory, Attention, Decision making, Intelligence, Language, Learning, and Organization (ARMADILLO), College Station, TX.

Stephenson, K.\*\*, Arzola, E.\*, Guerrero, J.\*, & **Deason, R. G.** (2017, May). Attention modulates preference for words. Presented at the annual meeting of the Association of Psychological Science, Boston, MA.

Mooney, K.\*\*, Santana, A.\*\*, & **Deason, R. G.** (2017, May). Music as a Memory Enhancer for General Content Information: An ERP study. Presented at the annual meeting of the Association of Psychological Science, Boston, MA.

Stephenson, K.\*\* & **Deason, R.G.** (2017, April). Effects of attention on subsequent preference judgments. Presented at the annual meeting of the Southwestern Psychological Association, San Antonio, TX.

Mooney, K.\*\*, Santana, A.\*\*, & **Deason, R. G.** (2016, November). Music as a Memory Enhancer for General Content Information. Presented at the annual meeting of the Psychonomic Society, Boston, MA.

Strong, J. V., Tat, M. J., Flannery, S., **Deason, R. G.**, & Budson, A. E. (2016, November). Recollection and familiarity for music in patients with Alzheimer's disease. Presented at the annual meeting of the Psychonomic Society, Boston, MA.

Quiroz, Y. T., Tobon, C., Munoz, C., **Deason, R. G.**, McKeever, J., Velilla, G., Arboleda-Velasquez, J., Lopera, F., & Budson, A. E. (2016, September). Neural correlates of recognition memory in preclinical young-onset dementia. Proceedings of the 18th World Congress of Psychophysiology (IOP2016) of the International Organization of Psychophysiology (IOP) Havana, Cuba. *International Journal of Psychophysiology*, 108, pg. 51.

Nagle, C., Tat, M., Wang, C., Frustace, B., El-Shaar, A., **Deason, R. G.**, Wang, E., Flannery, S., Zumwalt, A., Budson, A. E. (2016, April). Using Event-Related Potentials as a Neurophysiological Marker to Predict Long-term Learning. Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY. *Journal of Cognitive Neuroscience*, 28, (Suppl.).

Clark, E. L., **Deason, R. G.**, Daley, R. T., Tat, M. J., Nagle, C., Budson, A. E., & O'Connor, M. K. (2016, February). Using a Mindfulness Approach to Reduce the Imagination Inflation Effect in Older Adults. Presented at the Annual Meeting, International Neuropsychological Society. Boston, MA.

Stephenson, K.\*\*, Mooney, K. \*\*, Santana, A. \*\*, & **Deason, R. G.** (2015, October). Event-related potential examination of the mere exposure effect. Presented at the Annual Meeting, Association for Research in Memory, Attention, Decision making, Intelligence, Language, Learning, and Organization (ARMADILLO). Waco, TX.

Tat, M. J., Soonsawat, A., Nagle, C. B., **Deason, R. G.**, & Budson, A. E. (2015, November). The influence of encoding strategies on false memory in older adults, patients with mild cognitive impairment due to Alzheimer's disease, and patients with mild Alzheimer's disease dementia. Presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.

Nagle, C., Tat, M., Frustace, B., **Deason, R. G.**, El-Shaar, A., Iyer, A., Ghermichael, A., Wang, E., Flannery, S., Budson, A. E., Zumwalt, A. (2015, March). Physiological correlates of memory in classroom environment. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA. *Journal of Cognitive Neuroscience*, 27, (Suppl.).

Tat, M. J., **Deason, R. G.**, Flannery, S., Gosselin, E., & Budson, A. E. (2014, November). Using memory strength to shift response bias in patients with mild cognitive impairment and mild Alzheimer's disease. Presented at the Annual Meeting of the Psychonomic Society, Long Beach, CA.

- Budson, A. E., **Deason, R. G.**, Flannery, S., Mithal, P. S., Hussey, E. P., Crehan, E. T., & Ally, B. A. (2014, July). Changes in response bias: Evidence from older adults and patients with Alzheimer's disease. Presented at the Alzheimer's Association International Conference, Copenhagen, Denmark.
- Kleber, K. T., **Deason, R. G.**, O'Connor, M. K., Sun, X., Flannery, S., Tat, M. J., & Budson, A. E. (2014, April). Use of Explicit Memory Cues in Patients with aMCI. Presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA. *Journal of Cognitive Neuroscience*, 26, (Suppl.).
- Flannery, S., **Deason, R. G.**, Mithal, P. S., Hussey, E. P., Crehan, E. T., Ally, B. A., & Budson, A. E. (2014, April). Changes in response bias: Evidence from older adults and patients with Alzheimer's disease. Presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA. *Journal of Cognitive Neuroscience*, 26, (Suppl.).
- Nadkarni, N., Flannery, S., **Deason, R. G.**, Frustace, B., Ahadi, S., Ally, B. A., & Budson, A. E. (2014, April). Recall-to-reject: Strategies to reduce false recognition in patients with mild cognitive impairment. Presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA. *Journal of Cognitive Neuroscience*, 26, (Suppl.).
- Rosa, N. M., **Deason, R. G.**, Budson, A. E., & Gutchess, A. H. (2014, May). Memory for source in patients with mild cognitive impairment. Talk presented at the Cognitive Aging Annual Conference, Atlanta, GA.
- Rosa, N. M., **Deason, R. G.**, Budson, A. E., & Gutchess, A. H. (2014, March). Source Memory and Self-Reference in Mild Cognitive Impairment due to Alzheimer's Disease. Presented at the Eastern Psychological Association Annual Meeting, Boston, MA.
- Stark, A., Gosselin, E., Aoki, T., **Deason, R. G.**, Flannery, S., O'Connor, M. K., Patterson, J., McGurin, Kowlett, Wessler, & Budson, A. E. (2014, February). Alzheimer Association Dementia Care Coordination Project. Presented at the Massachusetts Alzheimer's Disease Center Annual Scientific Poster Symposium, Boston, MA.
- Rosa, N. M., **Deason, R. G.**, Budson, A. E., & Gutchess, A. H. (2013, December). Memory for self and other in Alzheimer's disease. Presented at the Charles River Association for Memory Fall Meeting, Cambridge, MA.
- Flannery, S., Nadkarni, N., **Deason, R. G.**, Frustace, B., Ahadi, S., Ally, B. A., & Budson, A. E. (2013, May). Recall-to-reject: Strategies to reduce false recognition in patients with mild cognitive impairment. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.
- Kleber, K. T., **Deason, R. G.**, O'Connor, M. K., Sun, X., Flannery, S., & Budson, A. E. (2013, May). Use of Explicit Memory Cues in Patients with aMCI. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.
- Kelkar, K., Ignatiev, J. H., **Deason, R. G.**, Flannery, S., Fidai, M., Rosenblatt, A., Frustace, B. S., Simmons-Stern, N. R., Budson, A. E. (2013, May). Dissociating contributions of recollection



and familiarity to memory for music: Evidence from older adults and patients with AD. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

Rosa, N. M., Budson, A. E., **Deason, R. G.**, & Gutchess, A. H. (2013, March). Memory for self and other in Alzheimer's disease. Presented at the Annual Aging and Cognition Conference, Dallas, TX.

Waring, J. D., Zucker, H., **Deason, R. G.**, Flannery, S., Budson, A. E., & Kensinger, E. A. (2012, November). The effects of mild cognitive impairment on emotional scene memory. Presented at the Annual Meeting of the Society for Neuroscience, New Orleans, LA.

Broadwell, K. L., DeYoung, C. G., Domansky, W. S., **Deason, R. G.**, & Marsolek, C. J. (2012, November). Hemispheric asymmetries in motivation neurally dissociate self-description processes. Presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.

**Deason, R. G.**, Simmons-Stern, N. R., Frustace, B. S., Ally, B. A., & Budson, A. E. (2012, May). Music as a memory enhancer: differences between healthy older adults and patients with Alzheimer's disease. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

Kelkar, K., Ignatiev, J. H., **Deason, R. G.**, Fidai, M., Rosenblatt, A., Frustace, B. S., Simmons-Stern, N. R., Budson, A. E. (2012, May). Dissociating contributions of recollection and familiarity to memory for music: Evidence from older adults, patients with MCI, and patients with AD. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

Hussey, E. P., Ko, P. C., Duda, B., Simmons-Stern, N. R., **Deason, R. G.**, & Ally, B. A. (2012, April). The role of perceptual and conceptual priming in object identification in Alzheimer's disease. Presented at the Cognitive Neuroscience Society Annual Meeting, Chicago, IL. *Journal of Cognitive Neuroscience*, 24, (Suppl.).

Reynolds, E., O'Connor, M.K, **Deason, R.G.**, Budson, A.E. (2012, February). Imagining is believing: The imagination inflation effect in adults with Alzheimer's disease. Presented at the annual meeting of the International Neuropsychological Society, Montreal, CA.

Simmons-Stern, N. R., **Deason, R. G.**, Budson, A. E., & Ally, B. A. (2011, June). Music as a memory enhancer in patients with Alzheimer's disease and healthy older adults. Presented at the Neurosciences and Music IV – Learning and Memory conference, Edinburgh, Scotland.

Flannery, S., Crehan, E., **Deason, R. G.**, Ally, B. A., & Budson, A. E. (2011, February). Impaired Response Shift: using interruptions and event-related potentials to study liberal response bias in Alzheimer's disease. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

**Deason, R. G.**, Crehan, E., Flannery, S., Hussey, E., Ally, B. A., & Budson, A. E. (2011, February). Shifting Response Bias and Alzheimer's Disease: The Role of Self-Monitoring on Memory Tests. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Ahadi, S., **Deason, R. G.**, & Budson, A. E. (2010, May). The importance and implications of false memories in Alzheimer's disease. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

Flannery, S., Crehan, E., **Deason, R. G.**, Ally, B. A., Budson, A. E. (2010, May). Impaired response shift: using feedback and monitoring to study liberal response bias in Alzheimer's disease. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

Crehan, E. R., Flannery, S., Hussey, E., **Deason, R. G.**, Ally, B. A., Budson, A. E. (2010, May). Shifting response bias and Alzheimer's disease: the role of self-monitoring on memory tests. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

**Deason, R. G.**, Hussey, E., Ally, B. A., Budson, A. E. (2010, April). Dissociating recollection and familiarity with response bias: Evidence from young adults, older adults, and patients with Alzheimer's disease. Presented at the Cognitive Neuroscience Society Annual Meeting, Montreal, CA. *Journal of Cognitive Neuroscience*, 22 (Suppl.).

**Deason, R. G.** & Marsolek, C. J. (2009, November). Short-term masked antipriming between visually similar objects. Presented at the annual Psychonomic preconference: Object Perception and Memory (OPAM), Boston, MA.

McMenamin, B.W., **Deason, R. G.**, Steele, V. R., Koutstaal, W. & Marsolek, C. J. (2009, October). Different neural coding for dissociable abstract-category and specific-exemplar object priming evidenced by fMRI analysis. Presented at the Society for Neuroscience Annual Meeting, Chicago, IL. *2009 Abstract Viewer/Itinerary Planner*. Chicago, IL: Society for Neuroscience, 2009.

**Deason, R. G.**, Ally, B. A., & Budson, A. E. (2009, May). Errorless learning of new flexible knowledge in patients with Alzheimer's disease. Presented at the annual meeting of the Massachusetts Neuropsychological Society, Boston, MA.

Steele, V. R., **Deason, R. G.**, Bernat, E. M., Patrick, C. J., Schnyer, D. M., & Marsolek, C. J. (2008, October). Early and late effects in event-related potentials differentiate visual object priming and antipriming. Presented at the Society for Psychophysiological Research Annual Meeting, Austin, TX.

**Deason, R. G.**, Steele, V. R., Marsolek, C. J., & Koutstaal, W. (2008, May). fMRI repetition-related increases in parietal regions: Item-specific and semantic category effects. Presented at the Association for Psychological Science Annual Convention, Chicago, IL.

**Deason, R. G.**, Steele, V. R., Bernat, E. M., Patrick, C. J., & Marsolek, C. J. (2007, June). Event-related potentials reveal differential timing of repetition-priming and anti-priming effects. Presented at the Organization for Human Brain Mapping Annual Meeting, Chicago, IL.

Marsolek, C. J., Ketz, N. A., Ramanathan, P., **Deason, R. G.**, Davis, S., Verfaellie, M., & Schnyer, D. M. (2007, June). Neural priming effects in fMRI: Integrated fMRI and neurocomputational evidence for what may be reflected. Presented at the Organization for Human Brain Mapping Annual Meeting, Chicago, IL.

Ramanathan, P., Ketz, N. A., **Deason, R. G.**, Westerberg, C. E., & Marsolek, C. J. (2007, April). Visual anti-priming and priming predicted by neurally plausible models of object identification. Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY. *Journal of Cognitive Neuroscience*, 19 (Suppl.).

**Deason, R. G.**, Steele, V. R., Bernat, E. M., Patrick, C. J., & Marsolek, C. J. (2006, April). Event-related potentials reveal differential timing of repetition-priming and anti-priming effects. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA. *Journal of Cognitive Neuroscience*, 18 (Suppl.).

Marsolek, C. J., Schnyer, D. M., **Deason, R. G.**, Ritchey, M. & Verfaellie, M. (2005, November). *Visual anti-priming: Neurocomputational models and brain bases*. Presented at the Society for Neuroscience Annual Meeting, Washington, DC. *2005 Abstract Viewer/Itinerary Planner*. Washington, DC: Society for Neuroscience, 2005.

**Deason, R. G.**, & Marsolek, C. J. (2005, April). *Word-to-object anti-priming: Are visual word and visual object representations functionally superimposed?* Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY. *Journal of Cognitive Neuroscience*, 17 (Suppl.).

Schnyer, D. M., Nicholls, L. D., **Deason, R. G.**, Verfaellie, M., & Marsolek, C. J. (2005, April). *Visual anti-priming: Tests of amnesic patients and older controls*. Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY. *Journal of Cognitive Neuroscience*, 17 (Suppl.).

Marsolek, C. J., **Deason, R. G.**, & Westerberg, C. E. (2004, November). *Visual anti-priming*. Talk presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.

**Deason, R. G.**, & Marsolek, C. J. (2004, April). *Letter-case effects in perceptual identification of lateralized words*. Presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA. *Journal of Cognitive Neuroscience*, 16 (Suppl.).

**Deason, R. G.**, Westerberg, C. E., Capps, J. C., & Marsolek, C. J. (2003, November). *Anti-Priming of familiar objects: Does priming have a purpose?* Presented at the Annual Meeting of the Psychonomic Society, Vancouver, BC.

**Deason, R. G.**, Westerberg, C. E., Capps, J. C., & Marsolek, C. J. (2003, April). *Visual anti-priming: Superimposed representations of objects and the nature of repetition priming*. Presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY. *Journal of Cognitive Neuroscience*, 15 (Suppl.).

b. Non-refereed: (\*\* = Texas State MAPR students)

Stephenson, K.\*\* & **Deason, R. G.** (Fall 2016). An Examination of the Mere Exposure Effect in Relation to the Distractor Devaluation Effect. Eighth International Research Conference, Texas State University. San Marcos, TX.

Mooney, K.\*\*, Santana, A.\*\*, & **Deason, R. G.** (Fall 2016). Music as a memory enhancer for general content information. Eighth International Research Conference, Texas State University. San Marcos, TX.

Stephenson, K.\*\*, Mooney, K. \*\*, Santana, A. \*\*, & **Deason, R. G.** (Fall 2015). Event-related potential examination of the mere exposure effect. Seventh International Research Conference, Texas State University. San Marcos, TX.

## 6. Other:

### Manuscripts In Progress:

Turk, K. T., Palumbo, R., **Deason, R. G.**, El Shaar, A., Gosselin, E., O'Connor, M. K., Tripodis, Y., & Budson, A. E. (Submitted). False memories: The other side of forgetting.

Ramanathan, P., **Deason, R. G.**, Westerberg, C. E., Ketz, N. A., & Marsolek, C. J. (Under Revision). Antipriming in visual object recognition and the role of visual similarity.

### Manuscripts in Preparation:

**Deason, R. G.**, McKeever, J. D., Waring, J., Hussey, E. P., Budson, A. E., & Ally, B. A. (in prep). An ERP examination of changes in response bias.

Stephenson, K.\*\* & **Deason, R. G.** (in prep). Attentional modulation of preference judgments in young adults and healthy older adults.

Clark, E., **Deason, R. G.**, Palumbo, R., O'Connor, M. K., & Budson, A. E. (in prep). Imagination inflation effects and potential interventions in healthy older adults and patients with dementia.

## B. Works not in Print

### 2. Invited Talks, Lectures, Presentations:

- |          |  |
|----------|--|
| Nov 2018 | Annual Meeting of the Gerontological Society of America, Talk accepted as part of proposed symposium (Music and Aging: From Bench to Intervention), "Music as a memory enhancer: Experimental evidence from healthy older adults and patients with Alzheimer's disease"  |
| Aug 2018 | 2018 Geriatric Symposium – Texas Taking the Next Step, "Memory and Cognition in Aging and Alzheimer's disease"   |
| 2016     | Annual Meeting of the Association for Research in Memory, Attention, Decision making, Intelligence, Language, Learning, and Organization (ARMADILLO), El Paso, TX, "Using metacognitive strategies to improve source monitoring and decrease false memories in patients with mild cognitive impairment due to Alzheimer's disease" |
| 2016     | Texas State University Psychology Research Brown Bag, "Response bias in patients with Alzheimer's disease"   |
| 2014     | Texas State University Psychology Research Brown Bag, "Memory in patients with Alzheimer's disease and mild cognitive impairment"  |
| 2013     | Boston University Alzheimer's Disease Center, Boston, MA, "Understanding and Improving Memory in Patients with Alzheimer's Disease"  |

- 2008 Center for Translational Cognitive Neuroscience, GRECC, Edith Nourse Rogers Memorial Veterans Hospital, Bedford, MA, “Identifying objects impairs knowledge of other objects”
- 2008 Athinoula A. Martinos Center for Biomedical Imaging, Charlestown, MA, “Identifying objects impairs knowledge of other objects”
- 2007 Hands-On fMRI Training Course, Center for Magnetic Resonance Research, Department of Radiology, University of Minnesota, “SPM Basics Workshop”

#### 4. Workshops:

Attended National Institutes of Health (NIH) Grant Writer’s Workshop, San Marcos, TX, Nov. 2014

### C. Grants and Contracts

#### 1. Funded External Grants and Contracts:

- 2010-2012 Principal Investigator. VA VISN 1 Early Career Development Award, VA New England. *New flexible learning in patients with Alzheimer’s disease*. \$170,512.
- 2010-2011 Principal Investigator. Boston University Alzheimer’s Disease Center Pilot Award. *New flexible learning in patients with Alzheimer’s disease*. \$25,000.
- 2006 Principal Investigator. Sigma Xi Research-in-Training grant. *Visual antipriming*. \$350.

#### 2. Submitted External Grants and Contracts:

- 2017 Principal Investigator. Music as a memory enhancer: Examining the impact of music on neural correlates of learning and memory. Grammy Foundation. \$20,000. (Full Application requested)
- 2016 Principal Investigator. Neural correlates of music as a memory enhancer. Grammy Foundation. \$20,000.

#### 3. Funded Internal Grants and Contracts

- 2017 Mentor. Undergraduate Research Fellowship, The Honors College, Texas State University. \$1000. Student: Juliana Guerrero.
- 2016-2017 Principal Investigator. Research Enhancement Program, Texas State University. *How does music enhance memory? Electrophysiological correlates of musical mnemonics in young adults and healthy older adults*. \$8,000.
- 2016 Mentor. Thesis Research Support Fellowship, The Graduate College, Texas State University. \$2000. Student: Katherine Mooney.
- 2016 Mentor. Thesis Research Support Grant, Psychology Department, Texas State University. \$600. Student: Katelyn Stephenson.

**D. Fellowships, Awards, Honors:**

- 2018 College of Liberal Arts Achievement Award for Excellence in Scholarly/Creative, Texas State University
- 2010 Paper awarded Editor's Choice Award 2010 for NeuroImage (Cognitive Neuroscience Section) – Marsolek, Deason et al. (2010)
- 2007 Graduate School Thesis Research Grant, Office of the Dean of the Graduate School and Vice President for Research, University of Minnesota
- 2006 Graduate Research Partnership Program Fellowship, College of Liberal Arts and Office of the Dean of the Graduate School and Vice President for Research, University of Minnesota
- 2005 Center for Cognitive Sciences Research Grant, University of Minnesota
- 2003-4; 2006-7 Gloria J. Randahl Fellowship for Women in Cognitive Neuroscience, Department of Psychology, University of Minnesota
- 2003-2007 Gough award for Graduate Travel, Department of Psychology, University of Minnesota
- 2002-2005 National Research Service Award Graduate Fellowship, National Institute of Mental Health and Child Development and the Center for Cognitive Sciences, University of Minnesota
- Spring 1999 Distinction on Senior Thesis, Carleton College
- Spring 1999 Graduated with Distinction in Psychology, Carleton College

**IV. SERVICE****A. University:**

- 2015-2016 Involved in development of research relationship with new assisted living care facility, Texas State-Lockard Health Project
- 2013-2015 Gerontology Consortium, Texas State University

**B. Departmental:**

- 2014-present Chair, Student Awards Committee, Psychology Department, Texas State University
- 2014-present Co-organizer and co-founder, Research Brown Bag Series, Psychology Department, Texas State University
- 2016, 2018 Member, Psychology Day Planning Committee
- 2016 Representative, Liberal Arts College Research Enhancement award committee
- 2014 Invited Speaker, Psychology Learning Community, Texas State University
- 2013-14 Student Awards Committee, Psychology Department, Texas State University
- 2006 Supervised students for APA Summer Institute for Undergraduates, Department of Psychology, University of Minnesota
- 2006-8 Retreat Committee, Center for Cognitive Sciences, University of Minnesota
- 2004-2006 Student co-organizer, functional magnetic resonance imaging user group, Department of Psychology, University of Minnesota
- 2004-2005 Graduate student liaison, Department of Psychology Appointments Committee, University of Minnesota

- 2004-2005 Co-chair, Training Committee, Center for Cognitive Sciences, University of Minnesota
- 2003-2004 Co-organizer, Welcome Weekend for Prospective Graduate Students, Department of Psychology, University of Minnesota
- 2002-4 Retreat Committee, Center for Cognitive Sciences, University of Minnesota

#### C. Community

- 2017 Wimberley Chamber of Commerce, Presented keynote talk "The Science of the Aging Brain"
- 2017 San Marcos Activity Center, Presented talk, "The Science of the Aging Brain"
- 2017 Wimberley Village Library, Presented talk, "The Science of the Aging Brain"
- 2016 San Marcos Community Center, Presented talk, "The Science of the Aging Brain"
- 2016 San Marcos High School Psychology Club, Lead lab tour and research presentation
- 2015 Fundraised for the Walk to End Alzheimer's disease, San Marcos, TX
- 2014 San Marcos High School Psychology Club, Lead lab tour and research presentation
- 2007 Presentation for College in the Schools Program, University of Minnesota
- 2007 Presented to Kids into Health Careers Summer Program, University of Minnesota

#### D. Professional:

##### Ad hoc Reviewer:

*Cerebral Cortex, Neuropsychologia, PLoS ONE, Brain Research, Biological Psychology, Language and Cognitive Processes, Journal of Memory and Language, Journal of Gerontology: Psychological Sciences, American Journal of Alzheimer's Disease and Other Dementias, Journal of Clinical and Experimental Neuropsychology, Journal of the International Neuropsychological Society, Alzheimer's and Neurodegenerative Diseases Journal, Medical Science Monitor, Frontiers in Psychology, Cognition, Psychophysiology, Consciousness and Cognition, Memory, Neuropsychiatric Disease and Treatment, Dementia and Geriatric Cognitive Disorders, Current Alzheimer Research*

##### Textbook Reviewer:

- June 2018 Reviewed revision proposal for textbook, Sage Publishers
- January 2016 Reviewed 2 chapters in new Cognitive textbook, W. W. Norton & Company
- June 2015 Reviewed 2 chapters in new Cognitive textbook, Oxford University Press

##### Grant Reviewer:

- October 2017 Reviewed grant application for Polish National Science Centre
- October 2017 Reviewed grant application for Fondation Plan Alzheimer, Paris, France
- November 2017 Reviewed grant application for the Florida Department of Health's Ed and Ethel Moore Alzheimer's Disease Research Program
- November 2016 Reviewed grant application for the Florida Department of Health's Ed and Ethel Moore Alzheimer's Disease Research Program

#### E. Organizations

2. Professional:

Fellow, Psychonomic Society

Association for Psychological Science

Women in Cognitive Science

Gerontological Society of America

Southwestern Psychological Association