

**NATHAN S. ROSE**

School of Psychology  
Australian Catholic University  
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[nathan.rose@acu.edu.au](mailto:nathan.rose@acu.edu.au)  
DOB: October 25, 1980  
Citizenship: USA

**TRAINING & EDUCATION**

2015-present: Associate Investigator, Australian Research Council Centre of Excellence in Cognition and Its Disorders, Macquarie University, Australia

2015-present: Research Lecturer, Cognition & Emotion Research Centre, Australian Catholic University, Melbourne, Australia

2013-2015: Research Associate, Postle Lab, Department of Psychiatry, University of Wisconsin-Madison, USA

2010-2013: Postdoctoral Fellow, Craik & Buchsbaum Labs, Rotman Research Institute of Baycrest Centre for Geriatric Care and the Department of Psychology, University of Toronto, Canada

2010: Ph.D., Psychology, Behavior, Brain, and Cognition Program, Washington University in St. Louis, USA

2007: M.A., Psychology, Behavior, Brain, and Cognition Program, Washington University in St. Louis, USA

2003: B. S., Cum Laude, Psychology, Aquinas College, Grand Rapids, USA

**RESEARCH INTERESTS**

- Cognitive Psychology/Neuropsychology/Neuroscience of memory and aging
- Working memory, episodic memory, prospective memory in young adults, older adults, Alzheimer's disease, Parkinson's disease, amnesia, stroke
- ERP/EEG, fMRI, TMS, tDCS, fNIRS
- Ecological validity of cognitive assessments and cognitive training

**PUBLICATIONS**

1. **Rose, NS**, Craik, FIM, Hering, A, Rendell, PG, Bidelman, GM, & Kliegel, M (in press). Cognitive and Neural Plasticity in Older Adults' Prospective Memory Following Training on the Virtual Week Computer Game. *Frontiers in Human Neuroscience* (accepted Oct. 12, 2015).
2. **Rose, N. S.**, Craik, F. I. M. & Buchsbaum, B. (2015). Levels of processing in working memory: Differential involvement of frontotemporal networks. *Journal of Cognitive Neuroscience*, 27, 3, 522–532. doi:10.1162/jocn\_a\_00738
3. Craik, F.I.M., **Rose, N.S.**, & Gopie, N. (2015). Recognition without awareness: Encoding and retrieval factors. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 41(5), 1271-1281.
4. Meltzer, J.A., **Rose, N.S.**, Deschamps, T., Leigh, R.C., Panamsky, L., Silberberg, A., Madani, N., Links, K.A. (2015). Semantic and phonological contributions to immediate and delayed cued sentence recall. *Memory & Cognition*.
5. LaRocque, J.J., Eichenbaum, N.S., Starrett, M.J., **Rose, N.S.**, Emrich, S.M., & Postle, B.R. (2015). The short- and long-term fate of memory items retained outside the focus of attention. *Memory & Cognition*, 43(3): 453-468. doi:10.3758/s13421-014-0486-y.
6. Terrett, G., **Rose, N.S.**, Henry, J.D., Bailey, P.E., Altgassen, M., Phillips, L.H., Kliegel, M., & Rendell, P.G. (2015). The relationship between prospective memory and episodic future thinking in younger and older adulthood. *Quarterly Journal of Experimental Psychology*. 10.1080/17470218.2015.1054294
7. Cameron, J., Rendell, P.G., Ski, C.F., Kure, C.E., McLennan, S.S., **Rose, N.S.**, Prior, D.L., & Thompson, D.R. (2015). PROspective MEMory Training to improve HEart failUre Self-care (PROMETHEUS): study protocol for a randomised controlled trial. *Trials*, 16(1), 196. doi:10.1186/s13063-015-0721-2.
8. **Rose, N. S.**, Luo, L., Bialystok, E., Hering, A., Lau, K., & Craik, F. I. M. (2015). Cognitive processes in the breakfast task: Planning and Monitoring. *Canadian Journal of Experimental Psychology*. <http://dx.doi.org/10.1037/cep0000054>
9. Lilienthal, L., **Rose, N. S.**, Tamez, E., Myerson, J., & Hale, S. (2015). Individuals with low working memory spans show greater interference from irrelevant information because of poor source monitoring, not greater activation. *Memory & Cognition*, 43(3), 357-366. DOI 10.3758/s13421-014-0465-3.
10. **Rose, N. S.**, Buchsbaum, B. R., & Craik, F. I. M. (2014). Short-term retention of a single word relies on retrieval from long-term memory when both rehearsal and refreshing are disrupted. *Memory & Cognition*, 42, 689-700. DOI 10.3758/s13421-014-0398-x

11. Hering, A.; Rendell, P.; **Rose, N.**; Schnitzspahn, K. & Kliegel, M. (2014). Prospective memory training in older adults and its relevance for successful aging. *Psychological Research*, 6, 892-904. DOI 10.1007/s00426-014-0566-4
12. **Rose, N. S.** (2014). Individual differences in working memory, secondary memory, and fluid intelligence: Evidence from the levels-of-processing span task. *Canadian Journal of Experimental Psychology*, 67, 260-270. DOI: 10.1037/a0034351
13. Foster, E., **Rose, N. S.**, Rendell, P., & McDaniel, M. (2013). Prospective memory in Parkinson disease during a Virtual Week: Effects of both prospective and retrospective demands. *Neuropsychology*, 27, 2, 170-181. <http://dx.doi.org/10.1037/a0031946>
14. Zinke, K., Zeintl, M., **Rose, N. S.**, Putzmann, J., Pydde, A., & Kliegel, M. (2013). Working memory training and transfer in older adults: Effects of age, baseline performance, and training gains. *Developmental Psychology*, 50, 304-315. <http://dx.doi.org/10.1037/a0032982>
15. **Rose, N. S.** & Craik, F. I. M. (2012). A processing approach to the working memory/long-term memory distinction: Evidence from a levels-of-processing span task. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 38, 4, 1019-1029. <http://dx.doi.org/10.1037/a0026976>
16. **Rose, N. S.**, Olsen, R. K., Craik, F. I. M., & Rosenbaum, R. S. (2012). Working memory and amnesia: The role of stimulus novelty. *Neuropsychologia*, 50, 1, 11-18. doi:10.1016/j.neuropsychologia.2011.10.016
17. Craik, F.I.M. & **Rose, N.S.** (2012). Memory encoding and aging: A neurocognitive perspective. *Neuroscience & Biobehavioral Reviews*, 36, 1729–1739. doi:10.1016/j.neubiorev.2011.11.007
18. Craik, F. I. M. & **Rose, N. S.** (2012). Training cognition: Parallels with physical fitness? *Journal of Applied Research in Memory and Cognition*, 1, 1, 51-52. doi:10.1016/j.jarmac.2011.12.001
19. Reichman, W. & **Rose, N. S.** (2012). History and experience: The direction of Alzheimer's disease. *Menopause*, 19, 7, 724-734. doi: 10.1097/gme.ob013e31825a28f2
20. Kliegel, M., Altgassen, M., Hering, A., & **Rose, N. S.** (2011). A process-model based approach to prospective memory impairment in Parkinson's disease. *Neuropsychologia*, 49, 8, 2166-77. doi:10.1016/j.neuropsychologia.2011.01.024
21. Loaiza, V., McCabe, D., Youngblood, J., **Rose, N. S.**, & Myerson, J. (2011). The influence of levels of processing on recall from working memory and delayed

- recall tasks. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 37, 5, 1258-63. DOI: 10.1037/a0023923
22. Hale, S., **Rose, N. S.**, Myerson, J., Strube, M. J., Sommers, M., Tye-Murray, N., & Spehar, B. (2011). The structure of working memory abilities across the adult lifespan. *Psychology and Aging*, 26, 1, 92-110. doi:10.1037/a0021483.
23. Sommers, M., Hale, S., Myerson, J., **Rose, N. S.**, Tye-Murray, N., & Spehar, B. (2011). Spoken discourse comprehension across the adult lifespan. *Ear and Hearing*, 32, 6, 775-81. doi: 10.1097/AUD.ob013e3182234cf6.
24. Aberle, I., Rendell, P., **Rose, N. S.**, McDaniel, M., & Kliegel, M. (2010). The age-prospective memory paradox: Young adults may not give their best outside of the lab. *Developmental Psychology*, 46, 6, 1444-1453. <http://dx.doi.org/10.1037/a0020718>
25. **Rose, N. S.**, Myerson, J., Roediger, III., H.L., & Hale, S. (2010). Similarities and differences between working memory and long-term memory: Evidence from the levels-of-processing span task. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 36, 2, 471-483. DOI: 10.1037/a0026976
26. **Rose, N. S.**, Rendell, P. G., McDaniel, M. A., Aberle, I., & Kliegel, M. (2010). Age and individual differences in prospective memory during a “Virtual Week”: The role of working memory, vigilance, task-regularity, and cue-focality. *Psychology and Aging*, 25, 3, 595-605. doi: 10.1037/a0019771.
27. Reichman, W., Fiocco, A., & **Rose, N. S.** (2010). Exercising the brain to avoid cognitive decline: Examining the evidence. *Aging Health*, 6, 5, 565-584. DOI: 10.2217/ahe.10.54
28. **Rose, N. S.**, Myerson, J., Sommers, M., & Hale, S. (2009). Are there age differences in the executive component of working memory? Evidence from domain-general interference effects. *Aging, Neuropsychology, and Cognition*, 16, 6, 633-653. DOI: 10.1080/13825580902825238
29. Tye-Murray, N., Sommers, M., Spehar, B., Myerson, J., Hale, S., & **Rose, N. S.** (2008). Auditory-visual discourse comprehension by older and young adults in favorable and unfavorable conditions. *International Journal of Audiology*, 47, S103-S109. doi: 10.1080/14992020802301662.

#### MANUSCRIPTS UNDER REVIEW

30. Shelton, J.T., Lee, J.H., Scullin, M.K., **Rose, N.S.**, Rendell, P.G., McDaniel, M.A. (accepted, pending minor revision). Improving prospective memory in healthy older adults and very mild Alzheimer’s disease patients. *Journal of the American Geriatric Society*.

## CHAPTERS

31. Craik, F.I.M. & Rose, N. S. (2014). Familiarity and Recollections: Interactions with Larry Jacoby. In (Eds.) D. Stephen Lindsay, Colleen M. Kelley, Andrew P. Yonelinas, Henry L. Roediger, III. *Remembering: Attributions, Processes, and Control in Human Memory*. Psychology Press, pp. 233-251.

## GRANTS & AWARDS

- 2015-2018 Australian Research Council Linkage Grant, LP150100140, Co-Investigator (CI: Prof Peter Rendell)  
Acting with the Future in Mind  
AUD\$360,900 (Total Project with Catholic Homes contribution), \$242,000 (ARC funding).
- 2015 Early Career Researcher Award, ACU Faculty of Health Sciences, Chief Investigator  
Neural Evidence for Prospective Memory Monitoring in Younger and Older Adults, AUD\$10,000
- 2012-2013 Canadian Heart and Stroke Foundation, Centre for Stroke Recovery  
Chief Investigator (CIs: Prof Fergus Craik, Prof Gordon Winocur, Prof Brian Levine)  
Prospective Memory Functioning in Stroke Survivors  
CAD\$45,000 (\$25,000 CSR, with matching funds from NSERC, CI Craik)
- 2011 Kick Start Grant, Centre for Brain Fitness, Baycrest Centre for Geriatric Care  
Co-Investigator (CI: Prof Fergus Craik)  
Training Prospective Memory with the Virtual Week Video Game  
CAD\$10,000
- 2012 Canadian Institutes of Health Research – Institute of Aging, Travel Award for the Cognitive Aging Conference, CAD\$1,000
- 2011 Jack and Rita Catherall Funds for Aging Research, CAD\$400
- 2011 Age+Prize Award Recognizing Excellence in Aging Research, Canadian Institutes of Health Research – Institute of Aging, CAD\$500
- 2009-2010 Washington University Graduate Fellowship Award, School of Arts & Sciences, Department of Psychology, USD\$22,000

- 2008-2009 Ruth L. Kirschstein National Research Service Fellowship Award, NIH grant T32 AG 00030-30, USD\$22,000
- 2007 Early Career Researcher Award, Cognitive Aging Conference – Down Under, Adelaide, Australia, AUD\$500
- 2006-2007 Ruth L. Kirschstein National Research Service Fellowship Award, NIH grant T32 AG 00030-30, USD\$22,000
- 2004-2005 Washington University Graduate Fellowship Award, School of Arts & Sciences, Department of Psychology, USD\$22,000
- 2003 Outstanding Student Award, Department of Psychology, Aquinas College
- 2001-2003 Academic All-American, Men’s Varsity Soccer, Aquinas College

## **INVITED TALKS**

- Monash University, Biomedical Imaging and Neuroscience Centre, Melbourne, Australia, 2015: “Reactivation of working memories with transcranial magnetic stimulation”
- Baycrest Hospital Research Rounds, Toronto, Canada, 2013: "How is short-term memory different from long-term memory?"
- Rotman Research Institute, fMRI Rounds, Toronto, Canada, 2013: “Multivoxel pattern analysis reveals similarities and differences in the neurocognitive processes that support working memory and long-term memory.”
- Lumos Labs, Inc., San Francisco, USA, 2013: “Cognitive training: A theory, a review, and the future.”
- University of California – Davis, USA, Yonelinas/Ranganath Memory Meeting, 2011: “Recognition without awareness: Effects of context, age, and amnesia.”
- Royal Canadian Legion, Toronto, Canada, 2011: “Memory and Aging”
- University of Toronto, Canada, Ebbinghaus Lecture Series, 2010: “A processing approach to the working memory/long-term memory distinction: Evidence from a levels-of-processing span task.”
- University of British Columbia, International Conference on Prospective Memory, Vancouver, Canada, 2010: “Prospective memory in young adults, healthy older adults and individuals with Parkinson’s disease during a Virtual Week.”

- University of Michigan, USA, Psychology Department Forum, 2009:  
"Similarities and Differences between Working Memory and Long-Term  
Memory: Evidence from the Levels-of-Processing Span Task."

## **PRESENTATIONS AT NATIONAL & INTERNATIONAL MEETINGS**

- Rose, N.S. Szpunar, K.K. Maillet, D. Postle, B.R. & Schacter, D.L. (2015).  
Similarities and Differences Between Imagining the Future and  
Remembering the Past: Evidence From Multi-voxel Pattern Analysis.  
Paper presented at the 56<sup>th</sup> Annual Meeting Psychonomic Society,  
Chicago, IL.
- Rose, N. S., Meyering, E.E., Baker, S., Rosenbaum, R. S., Dang, C., Buchsbaum,  
B., & Postle, B.R. (2015). Are items in working memory stored with long-  
term memory mechanisms? Poster presented at the 22<sup>nd</sup> Annual Meeting  
of the Cognitive Neuroscience Society, San Francisco, CA.
- Rose, N. S., LaRocque, J., Riggall, A., Gosseries, O., & Postle, B.R. (2014)  
Evidence for a synaptic theory of working memory: An fMRI/EEG/TMS  
study. Paper presented at the 55<sup>th</sup> Annual Meeting Psychonomic Society,  
Long Beach, CA.
- Rose, N. S., LaRocque, J., Riggall, A., Gosseries, O., & Postle, B.R. (2014)  
Evidence for a synaptic theory of working memory: An fMRI/EEG/TMS  
study. Paper presented at the Annual Meeting of the Society for  
Neuroscience, Washington D. C.
- Rose, N. S., LaRocque, J., Riggall, A., Gosseries, O., & Postle, B.R. (2014) How  
are attended and unattended items in short term memory represented? A  
fMRI/EEG/TMS study. Poster presented at the 21<sup>st</sup> Annual Meeting of the  
Cognitive Neuroscience Society, Boston, MA.
- Rose, N. S., Craik, F. I. M. & Buchsbaum, B. (2013). Levels of Representations in  
Working Memory. Paper presentation at the Annual Meeting of the Society  
for Neuroscience, San Diego, CA.
- Rose, N. S., Craik, F. I. M. & Buchsbaum, B. (2013). Similarities and Differences  
in the Cognitive Processes and Neural Substrates that Support Working  
Memory and Long-Term Memory. Poster presented at the 20<sup>th</sup> Annual  
Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Rose, N. S., Craik, F. I. M. & Buchsbaum, B. (2012). Similarities and Differences  
in the Cognitive Processes and Neural Substrates that Support Working  
Memory and Long-Term Memory. Paper presented at the 53<sup>rd</sup> Annual  
Meeting of the Psychonomic Society, Minneapolis, MN.
- Rose, NS, Craik, FIM, Hering, A, Rendell, PG, Moreno, S, Bidelman, GM, &  
Kliegel, M (2012). Cognitive and Neural Plasticity in Older Adults'  
Prospective Memory Following Training on the Virtual Week Computer

- Game. Abstract for poster presented at the 53<sup>rd</sup> Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Rose, N. S., Butler, A., Nunes, L. & Roediger, H. L. III (2012). Variability and Testing During Learning: Redundant or Additive Effects? Abstract for poster presented at the 53<sup>rd</sup> Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Rose, NS, Craik, FIM, Hering, A, Rendell, PG, Moreno, S, Bidelman, GM, & Kliegel, M (2012). Training Older Adults' Prospective Memory with the Virtual Week Video Game. Abstract for poster presented at the 2012 Cognitive Aging Conference, Atlanta, GA.
- Hering, A., Rose, N.S., Craik, F.I.M., Rendell, P.G., Moreno, S., Bidelman, G.M., & Kliegel, M. (2012). Differential predictors of prospective memory performance in old age: Laboratory and naturalistic tasks are associated with different cognitive processes. Paper presented at the Cognitive Aging Conference, Atlanta, Georgia.
- Shelton, J., Scullin, M., Lee, J., Rose, N.S., Rendell, P., & McDaniel, M. (2012). Implementation intentions boost prospective memory in healthy and very mildly demented older adults. Paper presented at the Cognitive Aging Conference, Atlanta, Georgia.
- Rose, N. S., Olsen, R. K., Craik, F. I. M., & Rosenbaum, R. S. (2012). Working Memory and Amnesia: The Role of Stimulus Familiarity. Abstract for poster presentation, Cognitive Neuroscience Society Meeting, Chicago, IL.
- Rose, N. S. (2012). "Prospective Memory during a Virtual Week in Healthy Aging, Parkinson's Disease, and Alzheimer's Disease" for National Alzheimer's Awareness Month, Baycrest Hospital, Toronto, ON
- Rose, N. S., Craik, F. I. M. & Buchsbaum, B. (2011). Similarities and Differences between Working Memory and Long-Term Memory: Evidence from Levels-of-Processing Effects on Working Memory. Paper presented at the 52<sup>nd</sup> Annual Meeting of the Psychonomic Society, Seattle, WA.
- Craik, F. I. M., Rose, N. S., & Gopie, N. (2011). Reducing encoding resources paradoxically boosts memory on an explicit test without awareness. Paper presented at the 52<sup>nd</sup> Annual Meeting of the Psychonomic Society, Seattle, WA.
- Rose, N. S., Olsen, R. K., Rosenbaum, R. S., & Craik, F. I. M. (2011). Working Memory and Amnesia: The Role of Stimulus Familiarity. Abstract for poster presentation, International Conference on Memory, York, UK.
- Rose, N. S., Olsen, R. K., Rosenbaum, R. S., & Craik, F. I. M. (2011). Amnesia impairs maintenance of a single face for just one second, unless it's Paris Hilton. Abstract for poster presentation, Cognitive Neuroscience Society Meeting, San Francisco, CA.
- Gopie, N., Rose, N. S., & Craik, F. I. M. (2010). Reducing encoding resources paradoxically boosts memory on an explicit test without awareness.



- Abstract for poster presentation, 51<sup>st</sup> Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Rose, N. S., Roediger, H. L. III, & Myerson, J. (2010). A processing approach to the working memory/long-term memory distinction: Evidence from a levels-of-processing span task. Abstract for poster presentation, 51<sup>st</sup> Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Agarwal, P., Rose, N. S., & Roediger, H. L. III. (2010). Testing levels the playing field for students with lower working memory capacity. Abstract for poster presentation, 51<sup>st</sup> Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Rose, N. S., Foster, E. T., McDaniel, M. A., & Rendell, P. G. (2010). Prospective memory in Parkinson disease and healthy aging during a Virtual Week. Abstract for poster presentation, Cognitive Aging Conference, Atlanta, GA.
- Tamez, E., Hale, S. Myerson, J., Rose, N., Sommers, M., Tye-Murray, N., & Spehar, B. (2010). Predicting fluid intelligence and listening comprehension across the adult lifespan. Abstract for poster presentation, Cognitive Aging Conference, Atlanta, GA.
- Rose, N. S., Foster, E. T., McDaniel, M. A., & Rendell, P. G. (2010). Prospective memory in Parkinson disease and healthy aging during a Virtual Week. *Frontiers in Human Neuroscience*. Conference Abstract: The 20th Annual Rotman Research Institute Conference, The Frontal Lobes.
- Rose, N.S., McDaniel, M.A., Rendell, P. (2009). Age and individual differences in prospective memory during a “Virtual Week”. Abstract for poster presentation, The 21<sup>st</sup> Annual Convention of the Association for Psychological Science, San Francisco, California.
- Rose, N.S., Hale, S. Myerson, J., Sommers, M., Tye-Murray, N., & Spehar, B. (2009). The structure of working memory abilities in younger and older adults: Age invariance regardless of scoring method. Abstract for poster presentation, The 19<sup>th</sup> Annual Rotman Research Institute Conference, Toronto, Ontario.
- Rose, N. S., Myerson, J., Roediger, H.L., III., & Hale, S. (2008). Working memory, secondary memory, and long-term memory: Insights from the levels-of-processing span task. Paper presented at the 49<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, IL.
- Hale, S. Myerson, J., Sommers, M., Tye-Murray, N., Spehar, B. & Rose, N.S. (2008). Modeling Spoken Discourse Comprehension across the Adult Lifespan. Abstract for poster presentation, 49<sup>th</sup> Annual Meeting of the Psychonomic Society, Chicago, IL.
- Rose, N. S., Myerson, J., Roediger, H.L., III., & Hale, S. (2008). Working memory, secondary memory, and long-term memory: Insights from the levels-of-processing span task. Paper presented at the Show-Me Mental State Conference. University of Missouri.

- Rose, N. S., Myerson, J., Roediger, H.L., III., & Hale, S. (2008). Does Depth of Processing Affect Memory for Items From Working Memory Tasks? Paper presented at the 20<sup>th</sup> Annual Convention of the Association for Psychological Science, Chicago, Illinois.
- Rose, N.S., McDaniel, M.A., Rendell, P. (2008). Age and Individual Differences in Prospective Memory During a “Virtual Week”: The Role Working Memory, Vigilance, Task-Habituation, and Cue-Focality. Abstract for poster presentation, Cognitive Aging Conference, Atlanta, Georgia.
- Rose, N.S., Hale, S. Myerson, J., Sommers, M., Tye-Murray, N., & Spehar, B. (2008). Working Memory Ability across the Adult Life-Span. Abstract for poster presentation, Cognitive Aging Conference, Atlanta, Georgia.
- Hale, S. Myerson, J., Sommers, M., Tye-Murray, N., Spehar, B. & Rose, N.S., (2008). Spoken Discourse Comprehension across the Adult Lifespan. Abstract for poster presentation, Cognitive Aging Conference, Atlanta, Georgia.
- Rose, N.S., McDaniel, M.A., Rendell, P. (2007). Prospective Memory in a Virtual Week. Paper presented at the Cognitive Aging Conference, Adelaide, South Australia.
- Rose, N. S., Myerson, J., Roediger, H.L., III., & Hale, S. (2007). Depth of Processing Differentially Affects Working Memory and Long-Term Memory. Abstract for poster presentation, 48<sup>th</sup> Annual Meeting of the Psychonomic Society, Long Beach, California.
- Rose, N.S., Hale, S. Myerson, J., Sommers, M., Tye-Murray, N., & Spehar, B. (2006). Development of the LISN Test for Assessing Spoken Discourse Comprehension across the Adult Life-Span. Paper presented at the Auditory Perception and Cognition for Action Meeting, Houston, Texas.
- Rose, N. S., Myerson, J., Sommers, M., & Hale, S. (2006). Interference effects in working memory: Differences due to age and task complexity. Abstract for poster presentation, Cognitive Aging Conference, Atlanta, Georgia.
- Rose, N. S., Myerson, J., Sommers, M., & Hale, S. (2005). The effects of domain specific rehearsal suppression on working memory. Paper presented at the Show-Me Conference, University of Missouri.

## **TEACHING EXPERIENCE**

2014, Lecturer, Cognitive Psychology, University of Wisconsin-Madison

2009, Adjunct Professor, Psychological Statistics, Washington University in St. Louis

2009, Lecturer, Psychology of Aging, Washington University in St. Louis

2008, Teaching Assistant, Experimental Psychology, Washington University in St. Louis

2008, Lecturer, Psychology of Aging, Washington University in St. Louis

2007, Teaching Assistant, Social Gerontology, Washington University in St. Louis

### **SUPERVISION**

2015-present, Australian Catholic University, Susan Randall, PhD Dissertation, *“Age Differences in Prospective Memory: Laboratory versus Naturalistic Settings”*

2015-present, Sarah Gatt, Erin Sinclair, Jordan Hased, Masters Theses, Australian Catholic University

2015-present, Australian Catholic University, James Shadrach, Renee Vella, Tessa Cosgrove, Honours Theses

2013-2014, University of Wisconsin-Madison, Emma Meyering, Biology 152 Independent Research Project, *“Are items in working memory, but outside focal attention, stored via long-term memory mechanisms?”*

2013-2014, University of Wisconsin-Madison, Michael Starrett, Post-baccalaureate Research Project, *“Behavioral and EEG effects of rTMS on recall of items inside versus outside the focus of attention”*

2011-2012, visiting Ph.D. student project, Alexandra Hering, University of Geneva, Switzerland, *“Ecological validity: The Assessment of Prospective Memory In and Outside the Lab”*

2011-2013, Buchsbaum Lab Research Assistants: Sabrina Lemire-Rodger, Ashley Bondad

2010 – 2013, Craik Lab Research Assistants: Karen Lau, Jenna Ware, Julia Czyzo, Darya Gaydukevych

2006 – 2010, Hale/Myerson Lab Research Assistants: Kalin Guebert, Danielle Alvarez, Denise Rose, Matt Robbins

2005 – 2007, Sommers Lab Research Assistants: Linden Weiswerda, Molly Ruben, Diana Smith

## **RESEARCH EXPERIENCE**

2013-2015, Research Associate, Postle Lab, Department of Psychiatry, University of Wisconsin-Madison

2013, ERP Bootcamp with Dr. Steven Luck, University of California–Davis

2010-2013, Postdoctoral Fellow, Craik Lab and Buchsbaum Lab, Rotman Research Institute of Baycrest Centre for Geriatric Care and University of Toronto, Toronto, Ontario

2005-2010, Research Assistant, Sommers Lab, Hale/Myerson Lab, McDaniel Lab, Roedier Lab

2005-2006, Project Director, NIA grant AG022448, Principal Investigator: Sandra Hale, "*Listening Comprehension across the Adult Lifespan*"

2003-2004, Research Assistant, Sommers Speech and Hearing Lab, Psychology Department, Washington University in St. Louis

2003-2004, Research Assistant, Balota, Cognitive Lab, Psychology Department, Washington University in St. Louis

2003-2004, Research Assistant, Stern, Psychophysiology Lab, Psychology Department, Washington University in St. Louis

## **REVIEWERSHIP**

*Advances in Cognitive Psychology*

*Aging, Neuropsychology and Cognition*

*Applied Memory Research*

*Australian Research Council*

*British Journal of Clinical Psychology*

*Canadian Journal of Experimental Psychology*

*Cerebral Cortex*

*Child Neuropsychology*

*Cognition*

*Cognitive Psychology*

*Frontiers in Human Neuroscience*

*Gerontology*

*International Journal of Psychophysiology*

*Journal of Clinical and Experimental Neuropsychology*

*Journal of Cognitive Psychology*

*Journal of Experimental Psychology: Human Perception and Performance*

*Journal of Experimental Psychology: Learning, Memory, and Cognition*

*Journal of International Neuropsychological Society*

*Journal of Memory and Language*

*Memory & Cognition*

*National Science Foundation, USA*

*Neuropsychological Rehabilitation*

*Psychology and Aging*

*Psychonomic Bulletin and Review*

*Quarterly Journal of Experimental Psychology*

*The European Journal of Cognitive Psychology*

## **PROFESSIONAL MEMBERSHIPS**

Psychonomic Society, 2006-2011 (Student Member), 2011-2013 (Associate member), 2013-present (Full Member)

Society for Neuroscience, 2013-present

Cognitive Neuroscience Society, 2009-present

Association for Psychological Science, 2009-2011