

CURRICULUM VITAE**A. PERSONAL****NAME**

R. Shayna Rosenbaum, PhD, CPsych
 Professor (tenured), Department of Psychology
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DEGREES**Education**

2004	PhD	University of Toronto, Psychology and Program in Neuroscience
1999	MA	University of Toronto, Psychology and Program in Neuroscience
1998	BA (Hons)	York University, Psychology (Summa Cum Laude)
1997	BA	Western University, Psychology (with Distinction)

CREDENTIALS

2005	CPsych	College of Psychologists of Ontario, Certification as a Registered Clinical Neuropsychologist, License #4133
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EMPLOYMENT HISTORY¹

2017-	Full Professor, Department of Psychology, York University
2016-	Core Member, Vision: Science to Applications (VISTA) Program, York University
2015-	Member, York University Centre for Aging Research and Education (YU-Care)
2015-	Member, Centre for Vision Research (CVR), York University
2014-	Member, Graduate Program in Biology, York University (cross appointment)
2013-2016	Coordinator, Clinical Neuropsychology Stream, Department of Psychology, York University
2011-2017	Associate Professor, Department of Psychology, York University
2010-2011	Interim Director, Predoctoral Internship in Clinical Neuropsychology, Department of Psychology, Baycrest
2008-	Collaborative Scientist, Heart and Stroke Foundation Canadian Partnership for Stroke Recovery
2007-	Member, Graduate Diploma Program in Neuroscience, York University

¹Includes 3 maternity leaves: 01/06-06/06, 11/07-07/08, 11/10-11/11

- 2007- Member, Cognitive Science Program, York University
 2006- Associate Scientist, Rotman Research Institute, Baycrest (status only)
 2005- Member, Faculty of Graduate Studies, Adult Clinical Area of the Graduate Program in Psychology (CPA-accredited), York University
 2005-2011 Assistant Professor, Department of Psychology, York University
 2003-2005 Postdoctoral and Clinical Fellow, Rotman Research Institute, Baycrest

HONOURS AND AWARDS

- 2018-2019 James McKeen Cattell Sabbatical Award, The James McKeen Cattell Fund (international), \$30,000
 2017 INS Award for Early Career Research, International Neuropsychological Society (international), \$1,000
 2016 Teaching Award – Established Career, Faculty of Health, York University (cross-listed under TEACHING)
 2016-2021 York Research Chair–Tier II, Faculty of Health, York University, \$25,000 per year
 2015 President’s Emerging Research Leadership Award, York University, \$5,000
 2015 Special Recognition for Research Leadership, York University
 2015 Dean’s Health Research Catalyst Award, Faculty of Health, York University
 2014-2021 Member (elected), inaugural cohort of the College of New Scholars, Artists, and Scientists, Royal Society of Canada
 2014 Early Career Award, Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS), \$1,000
 2014 Special Recognition for Research Leadership, York University
 2013 Young Investigator Award, Canadian Association for Neuroscience (CAN), \$1,000
 2010-2014 Sloan Research Fellowship, Alfred P. Sloan Foundation (USA), \$50,000 (international; cross-referenced under SCHOLARLY AND PROFESSIONAL ACTIVITIES)
 2010-2011 Merit Award, Faculty of Health, York University, \$2,000
 2010 Research Award – Early Career, Faculty of Health, York University
 2009-2010 Merit Award, Faculty of Health, York University, \$3,000
 2008-2013 New Investigator Award, Canadian Institutes of Health Research, \$300,000
 2008-2009 Donald T. Stuss Award for Research Excellence, Baycrest, \$10,000
 2008-2009 Merit Award, Faculty of Health, York University, \$2,000
 2007-2013 Early Researcher Award, Ontario Ministry of Research and Innovation, \$190,000 (cross-referenced under SCHOLARLY AND PROFESSIONAL ACTIVITIES)
 2007-2008 Merit Award, Faculty of Health, York University, \$2,000
 2006- Elected to membership, Memory Disorders Research Society (international)
 2005 Laird Cermak Award, Memory Disorders Research Society (international)
 2005-2006 James McKeen Cattell Dissertation Award, New York Academy of Sciences (USA)
 2003-2006 Focus on Stroke Postdoctoral Fellowship, Heart and Stroke Foundation of Canada and Canadian Institutes of Health Research, \$120,000
 2003-2004 Henry J.M. Barnett Award for highest ranked scholar in the area of cerebrovascular research, Heart and Stroke Foundation, \$15,000
 2003-2004 Award of Academic Excellence for best doctoral dissertation, Canadian Psychological Association
 2001-2004 Canadian Institutes of Health Research Doctoral Fellowship, \$61,500
 1999-2001 Natural Sciences and Engineering Research Council Post-Graduate Scholarship, \$38,200
 1998-1999 Open Fellowship, University of Toronto, \$16,400

- 1997-1998 Dean's Award for Academic Excellence for highest grade point average, Faculty of Arts, York University, \$1,000
- 1997-1998 Book Prize for highest grade point average, Department of Psychology, Faculty of Arts, York University
- 1997-1998 Vanier Vingt-Deux Award for highest standing, Vanier College, York University

B. SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS

SUMMARY OF PUBLICATIONS AND PROFESSIONAL CONTRIBUTIONS

Citation count=6,596 h-index=39; i10-index=71 (Google Scholar, 4/20)

Articles in refereed journals: 85

Articles submitted to refereed journals / forthcoming: 10

Non-refereed articles: 1

Books: 1

Chapters in books: 9

Special issues of journals: 5

Papers and posters in refereed conference proceedings: 120

PUBLICATIONS²

*trainees underlined

Articles in refereed journals

1. Yoo, S.A., **Rosenbaum, R.S.**, Tsotsos, J.K., Fallah, M., & Hoffman, K.L. (accepted). Long-term memory and hippocampal function support predictive gaze control during goal-directed search. *Journal of Vision*.
2. Mok, J.N.Y., Kwan, D., Green, L., Myerson, J., Craver, C.F., & **Rosenbaum, R.S.** (2020). Is it time? Episodic imagining and the discounting of delayed and probabilistic rewards in young and older adults. *Cognition*, 199.
3. St-Laurent, M., **Rosenbaum, R.S.**, Olsen, R.K., & Buchsbaum, B.R. Representation of viewed and recalled film clips in patterns of brain activity in a person with amnesia. (2020). *Neuropsychologia*, 142.
4. Gao, A.F., Keith, J.L., Gao, F.Q., Black, S.E., Moscovitch, M., & **Rosenbaum, R.S.** (2020). Neuropathology of a remarkable case of memory impairment informs human memory. *Neuropsychologia*, 140.
5. Ryan, J.D., D'Angelo, M.C., Kacollja, A., & **Rosenbaum, R.S.** (2020). Gradual learning, yet inflexible strategy use, in amnesia: Evidence from case H.C. *Neuropsychologia*, 137.
6. Kan, I.P., **Rosenbaum, R.S.**, and Verfaellie, M. (2019). Schema processing across the lifespan: From theory to applications. *Cognitive Neuropsychology*.
7. Ryan, J.D., Kacollja, A., D'Angelo, M.C., Newsome, R.N., Gardner, S., & **Rosenbaum, R.S.** (2019). Existing semantic knowledge provides a schematic scaffold for inference in early cognitive decline, but not in amnesic MCI. *Cognitive Neuropsychology*.
8. Carson, N., **Rosenbaum, R.S.**, Moscovitch, M., & Murphy, K.J. (2019). Self-referential processing improves memory for narrative information in healthy aging and amnesic mild cognitive impairment. *Neuropsychologia*, 134.

² Note: Please refer to note on p. 33 for definition of authorship roles and corresponding responsibilities.

9. Robin, J., Rivest, J., **Rosenbaum, R.S.**, & Moscovitch, M. (2019). Remote spatial and autobiographical memory in cases of episodic amnesia and topographical disorientation. *Cortex*, *119*, 237-257.
10. Kim, A.S.N., Wong-Kee-You, A.M.B., Wiseheart, M., & **Rosenbaum, R.S.** (2019). The spacing effect stands up to big data. *Behavior and Research Methods*, *51*, 1485-1497.
11. Patai, E.Z. *, Javadi, A.-H. *, Ozubko, J.D., O'Callaghan, A., Ji, S., Robin, J., Grady, C.L., Winocur, G., **Rosenbaum, R.S.**, Moscovitch, M., & Spiers, H.J. (2019). Hippocampal and retrosplenial goal distance coding after long-term consolidation of a real-world environment. *Cerebral Cortex*, *29*, 2748-2758.
12. Selarka, D., **Rosenbaum, R.S.**, Lapp, L., & Levine, B. (2019). Association between self-reported and performance-based navigational ability using internet-based remote spatial memory assessment. *Memory*, *27*, 723-728.
13. Kim, S.N., Saberi, F.M., Wiseheart, M., & **Rosenbaum, R.S.** (2018). Ameliorating episodic memory deficits in developmental (congenital) amnesia. *Journal of the International Neuropsychological Society*, *24*, 1003-1012.
14. Carson, N., **Rosenbaum, R.S.**, Moscovitch, M., & Murphy, K.J. (2018). The self-reference effect and self-reference recollection effect for trait adjectives in amnesic mild cognitive impairment. *Journal of the International Neuropsychological Society*, *24*, 821-832.
15. Brunec, I.K.* , Bellana, B.* , Ozubko, J.D., Man, V., Robin, J., Liu, Z.X., Grady, C., **Rosenbaum, R.S.**, Winocur, G., Barense, M.D., & Moscovitch, M. (2018). Evidence for a gradient of spatiotemporal representations along the hippocampal long axis in humans. *Current Biology*, *28*, 2129-2135.
16. Gilboa, A., **Rosenbaum, R.S.**, & Mendelsohn, A. (2018). Autobiographical memory: from experiences to brain representations. *Neuropsychologia*, *110*, 1-6.
17. Keven, N., Kurczek, J., **Rosenbaum, R.S.**, & Craver, C.F. (2018). Narrative construction is intact in episodic amnesia. *Neuropsychologia*, *110*, 104-112.
18. Newsome, R.N., Trelle, A.N., Hong, B., Smith, V.M., Jacob, A., Ryan, J.D., **Rosenbaum, R.S.**, Cowell, R.A., & Barense, M.D. (2017). Dissociable contributions of thalamic nuclei to recognition memory: Novel evidence from a case of medial dorsal thalamic damage. *Learning and Memory*, *25*, 31-44.
19. Blumenthal, A., Duke, D., Bowles, B., Gilboa, A., **Rosenbaum, R.S.**, Köhler, S., & McRae, K. (2017). Abnormal semantic knowledge in a case of developmental amnesia. *Neuropsychologia*, *102*, 237-247.
20. Olsen, R.K., Sebanayagam, V., Lee, Y., Moscovitch, M., Grady, C.L., **Rosenbaum, R.S.**, & Ryan, J.D. (2016). The relationship between eye movements and subsequent recognition: evidence from individual differences and amnesia. *Cortex*, *85*, 182-193.
21. Baker, S.W., Vieweg, P., Gao, F.Q., Gilboa, A., Wolbers, T., Black, S.E., & **Rosenbaum, R.S.** (2016). A necessary role for the dentate gyrus of the hippocampus in pattern separation in humans. *Current Biology*, *26*, 2629-2634.
22. D'Angelo, M.C., **Rosenbaum, R.S.**, & Ryan, J.D. (2016). Impaired inference in a case of developmental amnesia. *Hippocampus*, *26*, 1291-1302.
23. Rabin, J.S., Olsen, R.K., Gilboa, A., Buchsbaum, B., & **Rosenbaum, R.S.** (2016). Using fMRI to understand event construction in developmental amnesia. *Neuropsychologia*, *90*, 261-273.
24. Bowles, B., Duke, D., **Rosenbaum, R.S.**, McRae, K., & Köhler, S. (2016). Impaired assessment of cumulative lifetime familiarity for object concepts after left anterior temporal-lobe resection that includes perirhinal cortex but spares the hippocampus. *Neuropsychologia*, *90*, 170-179.
25. Carson, N., Murphy, K.J., Moscovitch, M., & **Rosenbaum, R.S.** (2016). The influence of the self-reference effect on enhancing memory in older adults. *Memory*, *24*, 1157-1172.

26. Craver, C.F., Keven, N., Kwan, D., Kurczek, J., Duff, M., & **Rosenbaum, R.S.** (2016). Moral judgment in episodic amnesia. *Hippocampus*, *26*, 975-979.
27. Kwan, D., Kurczek, J., & **Rosenbaum, R.S.** (2016). Specific, personally meaningful cues benefit episodic prospection in moderate medial temporal lobe amnesia. *British Journal of Clinical Psychology*, *55*, 137-153.
28. **Rosenbaum, R.S.**, Kwan, D., Floden, D., Levine, B., Stuss, D.T., & Craver, C.F. (2016). No evidence of risk-taking or impulsive behaviour in episodic amnesia: Implications for the role of the hippocampus in future-regarding decision-making. *Quarterly Journal of Experimental Psychology*, *69*, 1606-1618.
29. Lenton-Brym, A., Kurczek, J., **Rosenbaum, R.S.**, & Sheldon, S. (2016). A new method for assessing the impact of medial temporal lobe amnesia on the characteristics of generated autobiographical events. *Neuropsychologia*, *85*, 35-43.
30. Ryan, J.D., D'Angelo, M.C., Kamino, D., Ostreicher, M., Moses, S.N., & **Rosenbaum, R.S.** (2016). Relational learning and transitive expression in aging and amnesia. *Hippocampus*, *26*, 170-184.
31. Petrican, R., Saverino, C., **Rosenbaum, R. S.**, & Grady, C.L. (2015). Individual differences in negative emotion experience predict variations in functional brain architecture. *Neuroimage*, *123*, 80-88.
32. Petrican, R., **Rosenbaum, R.S.**, & Grady, C.L. (2015). Neural activity patterns evoked by a spouse's incongruent emotional reactions when recalling marriage-relevant experiences. *Human Brain Mapping*, *36*, 4164-4183.
33. Petrican, R., **Rosenbaum, R. S.**, & Grady, C.L. (2015). Expressive suppression and neural responsiveness to nonverbal affective cues. *Neuropsychologia*, *77*, 321-330.
34. D'Angelo, M.C., Kacollja, A., Rabin, J.S., **Rosenbaum, R.S.**, Ryan, J.D. (2015). Unitization supports lasting performance and generalization on a relational memory task: Evidence from a new developmental amnesic case. *Neuropsychologia*, *77*, 185-200.
35. Herdman, K.A., Calarco, N., Moscovitch, M., Hirshhorn, M., & **Rosenbaum, R.S.** (2015). Impoverished descriptions of familiar routes in three cases of hippocampal amnesia. *Cortex*, *71*, 248-263.
36. Petrican, R., Todorov, A.T., Burris, C.T., **Rosenbaum, R.S.**, & Grady, C.L. (2015). The look that binds: Partner-directed altruistic motivation and biased perception in married couples. *Journal of Nonverbal Behavior*, *39*, 165-179.
37. **Rosenbaum, R.S.**, Cassidy, B.N., & Herdman, K.A. (2015). Patterns of preserved and impaired spatial memory in developmental amnesia. *Frontiers in Human Neuroscience*, *9*, 196.
38. Olsen, R.K., Lee, Y., Kube, J., **Rosenbaum, R.S.**, Grady, C.L., Moscovitch, M., & Ryan, J.D. (2015). The role of relational binding in item memory: evidence from face recognition in a case of developmental amnesia. *Journal of Neuroscience*, *35*, 5342-5350.
39. Kwan, D., Craver, C.F., Green, L., Myerson, J., Gao, F., Black, S.E., & **Rosenbaum, R.S.** (2015). Cueing the personal future to reduce discounting in intertemporal choice: Is episodic prospection necessary? *Hippocampus*, *25*, 432-443.
40. Robin, J., Hirshhorn, M., **Rosenbaum, R.S.**, Winocur, G., Moscovitch, M., & Grady, C.L. (2015). Functional connectivity of hippocampal and prefrontal networks during episodic and spatial memory based on real-world environments. *Hippocampus*, *25*, 81-93.
41. Craver, C.F., Graham, B., & **Rosenbaum, R.S.** (2014). Remembering Mr. B. *Cortex*, *59*, 153-184.
42. **Rosenbaum, R.S.**, Gao, F.Q., Honjo, K., Raybaud, C., Olsen, R.K., Palombo, D.J., Levine, B., & Black, S.E. (2014). Congenital absence of the mammillary bodies: a novel finding in a well-studied case of developmental amnesia. *Neuropsychologia*, *65*, 82-87.
43. Craver, C.F., Cova, F., Green, L., Myerson, J., **Rosenbaum, R.S.**, Kwan, D., & Bourgeois-Gironde, S. (2014). An Allais paradox without mental time travel. *Hippocampus*, *24*, 1375-1380.

44. Fiacconi, C.M., Barkley, V., Finger, E.C., Carson, N., Duke, D., **Rosenbaum, R.S.**, Gilboa, A., & Köhler, S. (2014). Nature and extent of person-recognition impairments associated with Capgras syndrome in Lewy Body Dementia. *Frontiers in Human Neuroscience*, 8:726.
45. Green, J.L., Weston, T., Wiseheart, M., & **Rosenbaum, R.S.** (2014). Long-term spacing effect benefits in developmental amnesia: Case experiments in rehabilitation. *Neuropsychology*, 28, 685-694.
46. **Rosenbaum, R.S.**, Gilboa, A., & Moscovitch, M. (2014). Case studies continue to illuminate the cognitive neuroscience of memory. The Year in Cognitive Neuroscience, *Annals of the New York Academy of Sciences*, 1316, 105-133.
47. Craver, C., Kwan, D., Steindam, C., & **Rosenbaum R.S.** (2014). Individuals with episodic amnesia are not stuck in time. *Neuropsychologia*, 57, 191-195.
48. Kwan, D., Craver, C., Green, L., Myerson, J., & **Rosenbaum, R.S.** (2013). Dissociations in future thinking following hippocampal damage: Evidence from discounting and time perspective in episodic amnesia. *Journal of Experimental Psychology: General*, 142, 1355-1369.
49. Olsen, R.K., Palombo, D., Rabin, J.S., Levine, B., Ryan, J.D., & **Rosenbaum, R.S.** (2013). Volumetric analysis of medial temporal lobe subregions in developmental amnesia using high-resolution magnetic resonance imaging. *Hippocampus*, 23, 855-860.
50. Ryan, J.D., Moses, S.N., Barense, M., & **Rosenbaum, R.S.** (2013). Intact learning of new relations in amnesia as achieved through unitization. *Journal of Neuroscience*, 33, 9601-9613.
*Ranked #8 out of the 50 most-read articles in 2013 in the Journal of Neuroscience
51. Rabin, R.S., Carson, N., Gilboa, A., Stuss, D.T., & **Rosenbaum, R.S.** (2013). Imagining other people's experiences in a person with impaired episodic memory: The role of personal familiarity. *Frontiers in Psychology*, 3:588.
52. Davidson, P.S., Drouin, H., Kwan, D., Moscovitch, M., & **Rosenbaum, R.S.** (2012). Memory as social glue: Close interpersonal relationships in amnesic patients. *Frontiers in Psychology*, 3:531.
53. Rabin, R.S., Braverman, A., Gilboa, A., Stuss, D.T., & **Rosenbaum, R.S.** (2012). Theory of mind is intact despite compromised hippocampal and episodic memory development. *Neuropsychologia*, 50, 3781-3785.
54. Hirshhorn, M., Grady, C.L., **Rosenbaum, R.S.**, Winocur, G., & Moscovitch, M. (2012). Brain regions involved in the retrieval of spatial and episodic details associated with a familiar environment: an fMRI study. *Neuropsychologia*, 50, 3094-3106.
55. **Rosenbaum, R.S.**, Winocur, G., Binns, M., & Moscovitch, M. (2012). Remote spatial memory in aging: all is not lost. *Frontiers in Aging Neuroscience*, 4:25.
56. Rabin, J.S., & **Rosenbaum, R.S.** (2012). Familiarity modulates the functional relationship between theory of mind and autobiographical memory. *Neuroimage*, 62, 520-529.
57. Kwan, D., Craver, C., Green, L., Myerson, J., Boyer, P., & **Rosenbaum, R.S.** (2012). Future decision-making without episodic mental time travel. *Hippocampus*, 22, 1215-1219.
58. Hirshhorn, M., Grady, C.L., **Rosenbaum, R.S.**, Winocur, G., & Moscovitch, M. (2012). The hippocampus is involved in mental navigation for a recently learned, but not a highly familiar environment: A longitudinal fMRI study. *Hippocampus*, 22, 842-852.
59. 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, 11-18.
60. **Rosenbaum, R.S.**, Murphy, K.J., & Rich, J.B. (2011). The Amnesias. *Wiley Interdisciplinary Reviews: Cognitive Science*, 3, 47-63. doi: 10.1002/wcs.155
61. **Rosenbaum, R.S.**, Carson, N., Abraham, N., Bowles, B., Kwan, D., Köhler, S., Svoboda, E., Richards, B., & Levine, B. (2011). Impaired event memory and recollection in a case of developmental amnesia. *Neurocase*, 17, 394-409.

62. Chau, V.L., Murphy, E.F., **Rosenbaum, R.S.**, Ryan, J.D., & Hoffman, K.L. (2011). A flicker change detection task reveals object-in-scene memory across species. *Frontiers in Behavioral Neuroscience*, 5, 58.
63. Winocur, G., Moscovitch, M., **Rosenbaum, R.S.**, & Sekeres, M. (2010). An investigation of the effects of hippocampal lesions in rats on pre- and post-operatively acquired spatial memory in a complex environment. *Hippocampus*, 20, 1350-1365.
64. Kwan, D., Carson, N., Addis, D.R., & **Rosenbaum, R.S.** (2010). Deficits in past remembering extend to future imagining in a case of developmental amnesia. *Neuropsychologia*, 48, 3179-3186.
65. Rabin, J.S., Gilboa, A., Stuss, D.T., Mar, R.A., & **Rosenbaum, R.S.** (2010). Common and unique neural correlates of autobiographical memory and theory of mind. *Journal of Cognitive Neuroscience*, 22, 1095-1111.
66. **Rosenbaum, R.S.**, Furey, M.L., Horwitz, B., & Grady, C.L. (2010). Altered connectivity among emotion-related brain regions during short-term memory in Alzheimer's disease. *Neurobiology of Aging*, 31, 780-786.
67. Ciaramelli, E., **Rosenbaum, R.S.**, Solcz, S., Levine, B., & Moscovitch, M. (2010). Mental time travel in space: Damage to posterior parietal cortex prevents egocentric navigation and re-experiencing of remote spatial memories. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 36, 619-634.
68. Ostreicher, M., Moses, S.N., **Rosenbaum, R.S.**, & Ryan, J.D. (2010). Remediation of age-related deficits in relational memory. *Journals of Gerontology, Series B, Psychological Sciences and Social Sciences*, 65B, 32-41.
69. Winocur, G., Moscovitch, M., **Rosenbaum, R.S.**, & Sekeres, M. (2010). A study of remote spatial memory in aged rats. *Neurobiology of Aging*, 31, 143-150.
70. **Rosenbaum, R.S.**, Gilboa, A., Levine, B., Winocur, G., & Moscovitch, M. (2009). Amnesia as an impairment of detail generation and binding: Evidence from personal, fictional, and semantic narratives in K.C. *Neuropsychologia*, 47, 2181-2187.
71. **Rosenbaum, R.S.**, Moscovitch, M., Foster, J.K., Schnyer, D.M., Gao, F.Q., Kovacevic, N., Verfaellie, M., Black, S.E., & Levine, B. (2008). Patterns of autobiographical memory loss in medial temporal lobe amnesic patients. *Journal of Cognitive Neuroscience*, 20, 1490-1506.
72. Moses, S.N., Ostreicher, M., **Rosenbaum, R.S.**, & Ryan, J.D. (2008). Successful transverse patterning in amnesia using semantic knowledge. *Hippocampus*, 18, 121-124.
*Figure from manuscript used as cover art.
73. **Rosenbaum, R.S.**, Stuss, D.T., Levine, B., & Tulving, E. (2007). Theory of mind is independent of episodic memory. *Science*, 318, 1257.
*Commentary in Research Highlights, *Nature*, 450, 589 (doi:10.1038/450588a).
74. **Rosenbaum, R.S.**, Winocur, G., Grady, C.L., Ziegler, M., & Moscovitch, M. (2007). Memory for familiar environments learned in the remote past: fMRI studies of healthy people and an amnesic person with extensive bilateral hippocampal lesions. *Hippocampus*, 17, 1241-1251.
75. Gilboa, A., Winocur, G., **Rosenbaum, R.S.**, Poreh, A., Gao, F., Black, S. E., Westmacott, R., & Moscovitch, M. (2006). Hippocampal contributions to recollection in retrograde and anterograde amnesia. *Hippocampus*, 16, 966-980.
76. Moscovitch, M., Nadel, L., Winocur, G., Gilboa, A., & **Rosenbaum, R.S.** (2006). The cognitive neuroscience of remote episodic, semantic, and spatial memory. *Current Opinion in Neurobiology*, 16(2), 179-190.
*cited as 'of special interest' in *Current Opinion in Neurobiology* (Squire & Bayley, 2007)
77. Moscovitch, M., **Rosenbaum, R.S.**, Gilboa, A., Addis, D.R., Westmacott, R., Grady, C.L., McAndrews, M.P., Winocur, G., & Nadel, L. (2005). Functional neuroanatomy of remote episodic, semantic, and spatial memory: A unified account based on multiple trace theory, *Journal of Anatomy*, 207, 35-66.

78. **Rosenbaum, R.S.**, Köhler, S., Schacter, D. L., Moscovitch, M., Westmacott, R., Black, S.E., Gao, F., & Tulving, E. (2005). The case of K.C.: contributions of a memory-impaired person to memory theory. *Neuropsychologia*, *43*, 989-1021.
79. Winocur, G., Moscovitch, M., Fogel, S., **Rosenbaum, R.S.**, & Sekeres, M. (2005). Preserved spatial memory after hippocampal lesions: effects of extensive experience in a complex environment. *Nature Neuroscience*, *8*, 273-275. *Rated as 'Exceptional' by the *Faculty of 1000*, <http://www.f1000biology.com.myaccess.library.utoronto.ca/article/id/1024321>
*Cited as 'of outstanding interest' in *Current Opinion in Neurobiology* (Clark & Martin, 2005)
80. **Rosenbaum, R.S.**, Gao, F.Q., Richards, B., Black, S.E., & Moscovitch, M. (2005). "Where to?" remote memory for spatial relations and landmark identity in former taxi drivers with Alzheimer's disease and encephalitis. *Journal of Cognitive Neuroscience*, *17*, 446-462.
81. **Rosenbaum, R.S.**, Ziegler, M., Winocur, G., Grady, C.L., & Moscovitch, M. (2004). "I have often walked down this street before:" fMRI studies on the hippocampus and other structures during mental navigation of an old environment. *Hippocampus*, *14*, 826-835.
*Rated as 'Recommended' by the *Faculty of 1000*, <http://www.f1000biology.com.myaccess.library.utoronto.ca/article/id/1021866>
82. **Rosenbaum, R.S.**, McKinnon, M., Levine, B., & Moscovitch, M. (2004). Visual imagery deficits, impaired strategic retrieval, or memory loss: Disentangling the nature of an amnesic patient's autobiographical memory deficit. *Neuropsychologia*, *42*, 1619-1635.
83. Maki, P.M., Rich, J.B., & **Rosenbaum, R.S.** (2002). Implicit memory varies across the menstrual cycle: estrogen effects in young women. *Neuropsychologia*, *40*, 518-529.
84. **Rosenbaum, R.S.**, Winocur, G., & Moscovitch, M. (2001). New views on old memories: re-evaluating the role of the hippocampal complex. *Behavioural Brain Research*, *127*, 183-197.
85. **Rosenbaum, R.S.**, Priselac, S., Köhler, S., Black, S.E., Gao, F.Q., Nadel, L., & Moscovitch, M. (2000). Remote spatial memory in an amnesic person with extensive bilateral hippocampal lesions. *Nature Neuroscience*, *3*(10), 1044-1048.

Books

1. Ekstrom, A., Spiers, H.J., Bohbot, V.D., & **Rosenbaum, R.S.** (2018). *Human Spatial Navigation*. Princeton University Press.
*reviewed by Newcombe, N. (2019). *Current Biology*.

Chapters in books

1. **Rosenbaum, R.S.**, & Moscovitch, M. (2019). Lessons learned from the case K.C. In S.E. MacPherson and S. Della Sala (Eds.), *Remembering single case amnesic patients: can they still contribute to current memory models?* (pp. 156-186). Taylor and Francis.
2. Craver, C.F., & **Rosenbaum, R.S.** (2018). Consent without memory. In K. Michaelian, D. Debus, and D. Perren (Eds.), *New Directions in the Philosophy of Memory* (pp. 259-276). Routledge.
3. **Rosenbaum, R.S.**, Kim, A.S.N., & Baker, S. (2017). Episodic and semantic memory. In J. Wixted (Ed.), *Cognitive Psychology of Memory*, Vol. 2 of *Learning and Memory: A Comprehensive Reference*, 4 vols. (J.H. Byrne, Ed.), 2nd Edition. Oxford: Elsevier.
4. **Rosenbaum, R.S.**, & Rabin, J.S. (2012). Frontal lobe contributions to mental state awareness. In B. Levine and F.I.M. Craik (Eds.), *Mind and the Frontal Lobes: Cognition, Behaviour, and Brain Imaging* (pp. 123-151). New York: Oxford University Press.
5. Tulving, E., & **Rosenbaum, R.S.** (2006). What Do Explanations of the Distinctiveness Effect Need to Explain? In R. R. Hunt and J. B. Worthen (Eds.), *Distinctiveness and Memory*. Cambridge, MA: Oxford University Press.

6. Stuss, D.T., **Rosenbaum, R.S.**, Malcolm, S., Christiana, W., & Keenan, J.P. (2005). The frontal lobes and self-awareness. In Feinberg, T.E., & Keenan, J.P. (Eds.), *The Lost Self: Pathologies of the Brain and Identity* (pp. 50-64). New York, NY: Oxford University Press.
7. Moscovitch, M., Westmacott, R., Gilboa, A., Addis, D.R., **Rosenbaum, R.S.**, et al. (2005). Hippocampal complex contribution to retention and retrieval of recent and remote episodic and semantic memories: Evidence from behavioral and neuroimaging studies of healthy and brain-damaged people. In Ohta, N., MacLeod, C. M., & Uttl, B. (Eds.). *Dynamic cognitive processes* (pp. 333-380). Tokyo: Springer-Verlag.

Letters and editorials

1. **Rosenbaum, R.S.** (April 24, 2008). Response to Reinhold, N., & Markowitsch, H., “Theory of mind and the Sense of Self,” *Science*.

Special issues of journals

1. Guest Editor (forthcoming), Special issue in honour of Donald Stuss, *Journal of Cognitive Neuroscience*, with B. Levine and A.K. Solbakk
2. Guest Editor (forthcoming), “Episodic memory, consciousness, and beyond: Special issue in honour of Endel Tulving,” *Neuropsychologia*, with S. Hamann and B. Levine
3. Guest Editor (forthcoming), “The influence of schematic representations on higher-order cognition,” *Cognitive Neuropsychology*, with I.P. Kan and M. Verfaellie
4. Guest Editor (2018), “Autobiographical memory: from experiences to brain representations,” *Neuropsychologia*, with A. Gilboa and A. Mendelsohn
5. Guest Editor, Research Topic (2015), “Extra-hippocampal vs. hippocampal roles in spatial coding,” *Frontiers in Human Neuroscience*, with A.D. Ekstrom, H.J. Spiers, and V.D. Bohbot.

Papers and posters in refereed conference proceedings

1. Farzanfar, D., Elder, J., Waisman, I., Dastpak, A., & **Rosenbaum, R.S.** (2020). Spatial memory and visual exploration in spatial navigation using a virtual-reality paradigm. Poster submitted to the 12th Federation of European Neuroscience Societies (FENS) Forum of Neuroscience, July 11-15, 2020, Glasgow, UK.
2. Mok, J.N.Y., Kwan, D., Kurczek, J., Green, L., Myerson, J., Craver, C.F., Ciaramelli, E., & **Rosenbaum, R.S.** (2020). Reward discounting in patients with focal lesions to the ventromedial prefrontal cortex and medial temporal lobes. Abstract submitted to the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
3. Hong, B., Chang, M., **Rosenbaum, R.S.**, & Barense, M.D. (2020). Replay of novel spatial routes improves navigation in older adults. Abstract submitted to the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
4. Herman, D., Baker, S., Cazes, J., Alain, C., & **Rosenbaum, R.S.** (2020). Mismatch negativity (MMN) predicts mnemonic specificity: A new metric for auditory pattern. Abstract submitted to the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
5. Baker, S., Youm, A., Levy, Y., Moscovitch, M., & **Rosenbaum, R.S.** (2020). Hippocampal dentate gyrus lesions interact with categorical face perception: A pattern separation story. Abstract submitted to the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
6. Pishdadian, S., Hoang, N.V., Baker, S., Moscovitch, M., & **Rosenbaum, R.S.** (2020). Does the MST capture only memory impairment in older adults with cognitive decline? Abstract to be presented at

- the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
7. Pishdadian, S., Waisman, A., Herdman, K., Hirshhorn, M., Vandermorris, S., Moscovitch, M., & Rosenbaum, R.S. (2020). Autobiographical memory and descriptions of routes within familiar environments in older adults with and without memory impairments. Poster to be presented at the Cognitive Aging Conference, April 16-19, 2020, Atlanta, GA.
 8. Mok, J.N.Y., Kwan, D., Green, L., Myerson, J., Craver, C.F., & Rosenbaum, R.S. (2020). How do episodic cues affect the discounting of delayed and probabilistic rewards by young and older adults? Poster to be presented at the Cognitive Aging Conference, April 16-19, 2020, Atlanta, GA.
 9. Hoang, N.V., Baker, S., Daou, J., Moscovitch, M., Rosenbaum, R.S. (2020). Mnemonic discrimination of highly similar auditory stimuli in older adults and an amnesic person with dentate gyrus lesions. Poster to be presented at the 30th Rotman Research Institute Conference, March 9-11, 2020, Toronto, ON.
 10. Farzanfar, D., Elder, J., & Rosenbaum, R.S. (2020). Investigating the relationship between environmental cues and spatial memory in real-world navigation using virtual reality. Paper to be presented at the 4th biennial GIS in Education and Research Conference, March 4-5, 2020, University of Toronto, Toronto, ON.
 11. Chang, M., Hong, B., **Rosenbaum, R.S.**, & Barense, M.D. (2020). Replay of novel routes improves real-world spatial navigation in older adults. Poster presented at the Lake Ontario Visionary Establishment (L.O.V.E.) Conference, February 6-8, 2020, Niagara Falls, Canada.
 12. Kaplan, R., Kalantarova, A., Levi, A., Rosenbaum, R.S., & Gilboa, A. (2019). Self-knowledge deficits in a person with hippocampal lesions selective to the dentate gyrus. Poster presented at the Assembly and Function of Neuronal Circuits meeting, September 29-October 4, 2019, Ascona, Switzerland.
 13. Liu, Z.X., Rosenbaum, R.S., & Ryan, J.D. (2019). The hippocampus supports binding of visual information across gaze fixations. Paper submitted to the 20th Annual European Conference on Eye Movements, Alicante, Spain, August 18-22, 2019.
 14. Halilova, J., & Rosenbaum, R.S. (2019). Affective forecasting in older adults. Paper to be presented at the 25th Annual Meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS), June 7-9, University of Waterloo, Waterloo, ON.
 15. Mok, J., Kurczek, J., Kwan, D., Green, L., Myerson, J., & Rosenbaum, R.S. (2019). Comparisons of delay and probability discounting in patients with hippocampal and ventromedial prefrontal cortical damage: Single or multiple impulsivity traits? Paper presented at the Interdisciplinary Symposium on Decision Neuroscience (ISDN). Fuqua School of Business, Duke University, June 7-8, Durham, NC.
 16. Halilova, J., Addis, D.R., & Rosenbaum, R.S. (2019). Temporal self-appraisal in developmental amnesia. Poster presented at the 13th Annual Meeting of the Canadian Association for Neuroscience (CAN), Toronto, ON, May 22-25, 2019.
 17. Halilova, J., Addis, D.R., & Rosenbaum, R.S. (2019). Temporal self-appraisal in developmental amnesia. Poster presented at the 12th Annual Meeting of the Social and Affective Neuroscience Society, Miami, FL, May 2-4, 2019.
 18. Vieweg, P., Riemer, M., Baker, S., Faber, J., Stangl, M., Howard, L., Stirnberg, R., Stöcker, T., Gilboa, A., Rosenbaum, R.S., & Wolbers, T. (2018). Recognition memory associated with hippocampal pattern completion in young and older adults. 14th Research Festival Leipzig, January 5, 2018, 184.

*Poster prize in category: Psychology & Cognition

19. Pishdadian, S., Ziegler, M., Moscovitch, M., & **Rosenbaum, R.S.** (2018). Mnemonic discrimination of known places and concepts is affected in healthy aging and hippocampal amnesia. Poster presented at the International Conference on Learning and Memory, April 18-22, Long Beach, CA.
20. Mok, J.N.Y., Kwan, D., Myerson, J., Green, L., Craver, C.F., & **Rosenbaum, R.S.** (2018). Is it time? Examining the effects of episodic imagining on rewarding discounting. Poster presented at the International Conference on Learning and Memory, April 18-22, Long Beach, CA.
21. Haong, N.V., Baker, S.W., Daou, J., Moscovitch, M., & **Rosenbaum, R.S.** (2017). Discrimination of highly similar sounds does not differ between young and older adults. Nanosymposium to be presented at the 47th Annual Society for Neuroscience Conference, November 11-15, Washington, DC.
22. Mok, J.N.Y., Khalilova, G., & **Rosenbaum, R.S.** (2017). Is it time? Examining the effects of episodic imagining on reward discounting. Annual Meeting of the Society for Neuroeconomics, October 16-17, Toronto, ON.
23. Herdman, K., Ozubko, J., Moscovitch, M., & **Rosenbaum, R.S.** (2017). Using Google Street View to investigate navigation of frequently travelled environments in developmental amnesia. Poster to be presented at the International Neuropsychological Society Annual Mid-Year Conference, Cape Town, South Africa, July 2017.
24. Gao, A.F., **Rosenbaum, R.S.**, Gao, F.Q., Moscovitch, M., Tulving, E., Black, S.E., & Keith, J.L. (2017). Patient K.C.: neuropathology of a unique case of memory impairment. American Association of Neuropathologists, June 8-11, 2017, Garden Grove, CA.
25. Mok, J., & **Rosenbaum, R.S.** (2017). Future thinking and decision making: Does episodic prospection modulate the effects of probability discounting in older adults? Convention of the Canadian Psychological Association, June 9, 2017, Toronto, ON.
26. De Luca, F., Kwan, D., Bianconi, F., Knyagnytska, V., Craver, C., Ciaramelli, E., & **Rosenbaum, R.S.** Episodic cueing reduces temporal discounting in individuals with damage to the ventromedial prefrontal cortex. Poster submitted to the Annual Cognitive Neuroscience Society Meeting, March 25-28, 2017, San Francisco, CA.
27. **Rosenbaum, R.S.**, Kwan, D., Smith, V.M., Ciaramelli, E., & Craver, C.F. Not all types of future thinking are affected in episodic amnesia. Paper to be presented at the International Neuropsychological Society Annual Conference, February 1-4, 2017, New Orleans, LA.
28. Nasseri, M., Olsen, R.K., Martin, C.B., Rabin, J.S., Gao, F.Q., Honjo, K., Palombo, D., Newsome, R.N., Black, S.E., Ryan, J.D., Barense, M.D., & **Rosenbaum, R.S.** Impaired face discrimination following early mediodorsal thalamic damage. Paper to be presented at the International Neuropsychological Society Annual Conference, February 1-4, 2017, New Orleans, LA.
29. Wong-Kee-You, A.M.B., Safar, L., Kim, A.S.N., Rosenbaum, R.S., & Scott A. Adler, S.A. (2016). Does target-distractor similarity differentially affect visual search performance in children, adolescents and adults? Poster presented at the Annual Object Perception, Visual Attention, and Visual Memory (OPAM) Conference, November 17, 2016, Boston, MA.
30. Ozubko, J.D., Robin, J., Bellana, B., Brunec, I., Grady, C., **Rosenbaum, R.S.**, Winocur, G., & Moscovitch, M. (2016). Using Google Streetview to Examine Cognition in Virtualized Real-World Environments. Nanosymposium on *Naturalistic approaches to cognition and brain dynamics*, 46th Annual Society for Neuroscience Conference, November 12-16, 2016, San Diego, CA.
31. St-Laurent, M., **Rosenbaum, R.S.**, & Buchsbaum, B. (2016). Cortical reactivation during mental replay in amnesia. Poster presented at the 46th Annual Society for Neuroscience Conference, November 12-16, 2016, San Diego, CA.
32. Yoo, S.-A., **Rosenbaum, R.S.**, Tsotsos, J.K., Fallah, M., & Hoffman, K. (2016). Goal-directed search in natural scenes improves with explicit, MTL-dependent long-term memory. Poster

- presented at the 46th Annual Society for Neuroscience Conference, November 12-16, 2016, San Diego, CA.
33. Hong, B., Newsome, R.N., Smith, V.M., Jacob, A., Trelle, A.N., D'Angelo, M., Ryan, J.D., **Rosenbaum, R.S.**, Barense, M.D. (2016). Investigating the effects of perceptual and cognitive interference on recognition memory in amnesia. Poster presented at the CAPnet-CPS Satellite Symposium of the 10th Annual Canadian Association for Neuroscience Meeting, May 29, 2016, Toronto, ON.
 34. Baker, S.W., Gao, F.Q., Vieweg, P., Wolbers, T., Black, S.E., Gilboa, A., & **Rosenbaum, R.S.** A necessary role for the dentate gyrus of the hippocampus in pattern separation in humans. Poster presented at the CAPnet-CPS Satellite Symposium of the 10th Annual Canadian Association for Neuroscience Meeting, May 29, 2016, Toronto, ON.
 35. Carson, N., **Rosenbaum, R.S.**, Smith, V.M., Moscovitch, M., & Murphy, K.J. (2016). Investigating whether the mnemonic benefits of the Self-Reference Effect are sustained over an extended period of time in healthy aging. Poster presented at the Multidisciplinary Perspectives in Aging Research Conference, May 12, 2016, York University, Toronto, ON.
 36. Robin, J., Rivest, J., **Rosenbaum, R.S.**, & Moscovitch M. (2016). Remote spatial and autobiographical memory in people with medial or posterior temporal lobe damage. Paper presented at the International Conference on Memory, July 17-22, 2016, Budapest, HU.
 37. Carson, N., **Rosenbaum, R.S.**, Smith, V., & Murphy, K. (2016). Exploring the maintenance of the self-reference effect following a one week delay in healthy older adults. Poster presented at the Cognitive Aging Conference, April 14-17, 2016, Atlanta, GA.
 38. **Rosenbaum, R.S.**, Kwan, D., Ciaramelli, E., & Craver, C.F. (2016). Impaired episodic prospection does not impede the flexible construal of events across future time. Poster presented at the 23rd Annual Cognitive Neuroscience Society Meeting, April 2-5, 2016, New York, NY.
 39. Baker, S.W., Gao, F.Q., Vieweg, P., Wolbers, T., Black, S.E., Gilboa, A., & **Rosenbaum, R.S.** A necessary role for the dentate gyrus of the hippocampus in pattern separation in humans. Poster presented at the 23rd Annual Cognitive Neuroscience Society Meeting, April 2-5, 2016, New York, NY.
 40. D'Angelo, M.C., **Rosenbaum, R.S.**, & Ryan, J.D. (2016). Semantic knowledge supports relational inference in aging but not in amnesia. Poster presented at the 23rd Annual Cognitive Neuroscience Society Meeting, April 2-5, 2016, New York, NY.
 41. Kim, A.S.N., Wong Kee You, A., Davidson P.S.R., Wiseheart, M., & **Rosenbaum, R.S.** (2015). Assessing the rehabilitative potential of the spacing effect in memory-impaired stroke patients. Poster presented at the 6th Canadian Stroke Congress, September 17-19, 2015, Toronto, ON.
 42. Gao, F.Q., Rosenbaum, R.S., **Baker, S.W.**, Keith, J., & Black, S.E. (2015). Selective ischemia of the hippocampal dentate gyrus following cardiac arrest: an MRI study of two amnesic cases. Poster presented at the Vas-Cog conference, Tokyo, Japan, September 16-19, 2015.
 43. Kwan, D., Craver, C.F., Myerson, J., Green, L., & **Rosenbaum, R.S.** (2015). Cueing the personal future to reduce delay discounting: Is episodic prospection necessary? Poster presented at the 123rd Annual Convention of the American Psychological Association (Division 1), August 6-9, 2015, Toronto, ON.
 44. Kim, A.S.N., Wong Kee You, A., Davidson P.S.R., Wiseheart, M., & **Rosenbaum, R.S.** (2015). Benefits of the spacing effect in memory impaired individuals with medial prefrontal cortex vs. medial temporal lobe lesions. Poster presented at the 11th Annual Conference of the Society for Applied Research in Memory and Cognition (SARMAC), Victoria, B.C., June 24-27, 2015
 45. Baker, S.W. & **Rosenbaum, R. S.** (2015). Pattern separation deficits in a patient with bilateral dentate gyrus lesions. Poster presented at the Conference of the Centre for Vision Research, June 23-26, 2015, Toronto, ON.

46. Lenton-Brym, A., **Rosenbaum, R.S.**, & Sheldon, S. (2015). Event generation following medial temporal lobe damage: Using unbiased ratings to assess the quality of the remembered events. Poster presented at the 25th Annual Meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science, June 5-7, 2015, Carlton University, Ottawa, ON.
47. Herdman, K. A., Calarco, N., Moscovitch, M., Hirshhorn, M., & **Rosenbaum, R.S.** (2015). Impoverished descriptions of familiar routes in three cases of medial temporal lobe/hippocampal amnesia. Poster presented at the 9th Annual Canadian Association for Neuroscience Meeting, May 24-27, 2015, Vancouver, BC.
48. Baker, S.W., & **Rosenbaum, R. S.** (2015). Pattern separation deficits in a patient with bilateral dentate gyrus lesions. Poster presented at the 9th Annual Canadian Association for Neuroscience Meeting, May 24-27, 2015, Vancouver, BC.
49. Kurczek, J., Kwan, D., & **Rosenbaum, R.S.** (2015). Ventromedial prefrontal cortex lesions impair both intertemporal and probabilistic decision making. Poster presented at the annual Southern Ontario Behavioural Decision Research (SOBDR) Conference, May 2015, Toronto, Ontario.
50. Kwan, D., Craver, C.F., Green, L., Myerson, J., & **Rosenbaum, R.S.** (2015). Episodic prospection as an intertemporal choice nudge: The roles of age and reward amount. Poster presented at the annual Southern Ontario Behavioural Decision Research (SOBDR) Conference, May 8, 2015, Toronto, Ontario.
51. Baker, S.W., & **Rosenbaum, R.S.** (2015). Pattern separation deficits in a patient with bilateral dentate gyrus lesions. Paper presented at the meeting of the Toronto Area Memory Group (TAMeG), University of Toronto, Toronto, ON, May 5, 2015.
52. Rose, N., Meyering, E.E., Baker, S.W., **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 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
53. Kim, A.S.N., Wong Kee You, A., Le, B.T., Wiseheart, M., Moreno, S., **Rosenbaum, R.S.** (2015). An ERP investigation of the neurocognitive mechanisms underlying the spacing effect. Poster presented at the 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
54. Baker, S.W., Szpunar, K.K., & **Rosenbaum, R.S.** (2015). Autobiographical experience, semantic knowledge, and novelty modulate the hippocampal response to laboratory-based episodic recollection of spatial scenes. Poster presented at the 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
55. Robin, J., Rivest, J., **Rosenbaum, R.S.**, & Moscovitch, M. (2015). The relation between spatial and autobiographical memory in people with medial or posterior temporal lobe damage. Poster presented at the 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
56. St-Laurent, M., **Rosenbaum, R.S.**, & Buchsbaum, B. (2015). Cortical reactivation during mental replay in amnesia. Poster presented at the 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
57. Selarka, D., **Rosenbaum, R.S.**, & Levine, B. (2015). Remote spatial memory in depression. Poster presented at the 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
58. D'Angelo, M.C., Kacollja, A., Smith, V.M., Rabin, J.S., Zhang, F., Binns, M.A., **Rosenbaum, R.S.**, Barens, M.D., & Ryan, J.D. (2015). Unitization supports relational learning in healthy aging and amnesic cases. Poster presented at the 22nd Annual Cognitive Neuroscience Society Meeting, March 28-30, 2015, San Francisco, CA.
59. Kwan, D., Craver, C.F., Myerson, J., Green, L., & **Rosenbaum, R.S.** (2015). Cueing the future to reduce delay discounting: The roles of age and reward amount. Poster presented at the 25th Rotman Research Institute Conference, March 9-11, 2015, Toronto, ON.

60. Kurczek, J., Bacopulos, A., St. Jaques, P.L., Svoboda, E., **Rosenbaum, R.S.**, & Levine, B. (2015). Aging and episodic memory: Changes in memory and narrative ability. Poster presented at the 25th Rotman Research Institute Conference, March 9-11, 2015, Toronto, ON.
61. Robin, J., Rivest, J., **Rosenbaum, R.S.**, & Moscovitch, M. (2015). The relation between spatial and autobiographical memory cued by remotely known locations in people with medial temporal lobe damage. Poster presented at the 25th Rotman Research Institute Conference, March 9-11, 2015, Toronto, ON.
*1 of 7 posters selected as part of the moderated poster session
62. Kwan, D., Kawakami, K.L., Vangjeli, A., Lenton-Brym, A., & **Rosenbaum, R.S.** (2015). Narrowed future time perspective does not keep older adults from traversing psychological distances. Paper presented at the Society for Personality and Social Psychology Pre-Conference on Subjective Time and Mental Time Travel, February 26, 2015.
63. Hong, B., Newsome, R.N., Smith, V.M., Jacob, A., Trelle, A.N., D'Angelo, M., Ryan, J.D., **Rosenbaum, R.S.**, & Barense, M.D. (2015). Investigating the effects of perceptual and cognitive interference on recognition memory in amnesia. Poster presented at the Lake Ontario Visionary Establishment (LOVE) Conference. February 5-6, 2015.
64. Ozubko, J.D., Robin, J., Grady, C., **Rosenbaum, R. S.**, Winocur, G., & Moscovitch, M. (2014). Navigating the road less traveled: Hippocampal contributions to remote spatial memory during virtual navigation in real-world environments. Paper presented at the Meeting of the Psychonomic Society, November 2014, Long Beach, California.
65. Meyering, E.E., Rose, N., **Rosenbaum, R.S.**, & Postle, B.R. (2014). Are items in working memory, but outside focal attention, stored with long-term memory mechanisms? Poster presented at the Meeting of the Psychonomic Society, November 2014, Long Beach, California.
66. Kwan, D., Craver, C.F., Green, L., Myerson, J., Gao, F., & **Rosenbaum, R.S.** (2014). Medial temporal lobe damage impairs use of episodic prospection to modulate intertemporal choice. Poster presented at the 4th Annual International Symposium on Biology of Decision-Making, May 2014, Paris, France.
67. Herdman, K. A., Gilboa, A., Moscovitch, M., Winocur, G., & **Rosenbaum, R.S.** (2014). Impaired detailed and preserved schematic representations in remote spatial memory. Poster presented at the Cognitive Neuroscience Society Conference, April 5-8, Boston, USA.
68. Ozubko, J.D., Robin, J., **Rosenbaum, R. S.**, Grady, C., Winocur, G., & Moscovitch, M. (2014). The road less traveled (vs. the road more traveled): hippocampal contributions to remote spatial memory during virtual navigation. Poster presented at the Cognitive Neuroscience Society Conference, April 5-8, Boston, USA.
69. **Rosenbaum, R.S.**, Hornyak, S., & Baker, S.W. (2014). A little birder told me: a role for the hippocampus in representing both space and time. Poster presented at the Rotman Research Institute Conference, March 10-12, Toronto, ON.
*1 of 7 posters selected as part of the moderated poster session
**received Ontario Brain Institute (OBI) award for best poster
70. Ozubko, J.D., Robin, J., **Rosenbaum, R. S.**, Grady, C., Winocur, G., & Moscovitch, M. (2014). Google your noodle: The hippocampus and remote spatial memory while navigating in virtual real world environments. Poster presented at the Rotman Research Institute Conference, March 10-12, Toronto, ON.
*1 of 7 posters selected as part of the moderated poster session
**received Ontario Brain Institute (OBI) award for best poster
71. Fiacconi, C.M., Barkley, V., Finger, E.C., **Rosenbaum, R.S.**, Carson, N., Gilboa, A., & Köhler, S. (2014). Nature and extent of person recognition impairments associated with Capgras syndrome in Lewy Body Dementia. Poster presented at the Rotman Research Institute Conference, March 10-12, Toronto, ON.

72. Duke, D., McRae, K., Bowles, B., Gilboa, A., **Rosenbaum, R.S.**, & Köhler, S. (2013). Abnormal Semantic Memory Structure in a Case of Developmental Amnesia. Paper presented at the Annual Meeting of the Psychonomic Society, Toronto, ON.
73. Rabin, J.S., Olsen, R.K., Gilboa, A., & **Rosenbaum, R.S.** (2013). Activation of residual hippocampal tissue in developmental amnesia during remembering and imagining. Poster presented at the 7th Annual Canadian Association for Neuroscience Meeting, Toronto, ON.
74. Kwan, D., Craver, C.F., Green, L., Myerson, J., & **Rosenbaum, R.S.** (2013). Dissociations in future imagining, time perspective, and delay and probability discounting in episodic amnesia. Poster presented at the 7th Annual Canadian Association for Neuroscience Meeting, Toronto, ON.
75. Carson, N., Murphy, K.J., Moscovitch, M., & **Rosenbaum, R.S.** (2013). Recollection of narrative information benefits from self-referential encoding in healthy aging. Poster presented at the 7th Annual Canadian Association for Neuroscience Meeting, Toronto, ON.
76. Fiacconi, C.M., Barkley, V., Finger, E.C., Carson, N., **Rosenbaum, R.S.**, Gilboa, A., & Köhler, S. (2013). Recognizing famous individuals: A deficit in patients with Capgras syndrome? Poster presented at the 7th Annual Canadian Association for Neuroscience Meeting, Toronto, ON.
77. Kim, A.S.N., Le, B.T., **Rosenbaum, R.S.**, & Moreno, S. (2013). An investigation on the cognitive basis of the spacing effect. Poster presented at the 23rd Annual Baycrest Neuroscience Conference on Brain Plasticity and Neurorehabilitation, Toronto, ON.
78. Olsen, R.K., Palombo, D., Levine, B., Ryan, J.D., and **Rosenbaum, R.S.** (2013). Volumetric analysis of MTL subregions in developmental amnesia. Poster presented at the 20th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
79. Duke, D., Bowles, B., Gilboa, A., **Rosenbaum, R. S.**, McRae, K., & Köhler, S. (2013). Abnormal semantic memory structure in a case of developmental amnesia. Poster presented at the 20th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
80. Weston, C., Green, J., Cepeda, N., & **Rosenbaum, R.S.** (2013). The lasting benefits of the spacing effect on recall despite compromised hippocampal and episodic memory development. Poster presented at the 20th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
81. Carson, N., Murphy, K.J., Moscovitch, M., & **Rosenbaum, R.S.** (2013). The self-reference effect enhances memory for narrative information in healthy aging. Poster presented at the 20th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
82. Rabin, J.S., Olsen, R.K., Gilboa, A., & **Rosenbaum, R.S.** (2013). Imagining other people's experiences in developmental amnesia: An fMRI study. Poster presented at the 6th Annual Social and Affective Neuroscience Conference, San Francisco, CA.
83. Kwan, D., Craver, C., Green, L., Myerson, J., & **Rosenbaum, R.S.** (2013). Gambling, discounting, and temporal perspective reveal dissociations in future thinking in episodic amnesic individuals. Poster presented at the 6th Annual Social and Affective Neuroscience Conference, San Francisco, CA.
84. Kim, A.S.N., Le, B.T., **Rosenbaum, R.S.**, & Moreno, S. (February 13, 2013). Mechanisms for improving long-term memory through spaced practice. Poster presented at the Ontario Long Term Care Association 4th Annual Applied Research Education Day, Toronto, ON.
85. Carson, N., **Rosenbaum, R.S.**, Moscovitch, M., & Murphy, K.J. (2012). An exploration of the self-reference effect for words and narratives in normal aging. Poster presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MI. (funded by CIHR MOP 49566)
86. Olsen, R.K., **Rosenbaum, R.S.**, & Ryan, J.D. (2012). Recognition memory for single items is impaired in hippocampal amnesia when faces are studied from multiple viewpoints. Nano-symposium on "Human Long-Term Memory: Medial Temporal Lobe I," 42nd Annual Society for Neuroscience Conference, New Orleans, LA.
87. Robin, J., Hirshhorn, M., Moscovitch, M., **Rosenbaum, R.S.**, Winocur, G., & Grady, C.L. (2012). Common and distinct hippocampal connectivity during retrieval of memory for episodes and spatial

- locations to landmark cues of a real-world environment. Poster presented at the 42nd Annual Society for Neuroscience Conference, New Orleans, LA.
88. Davidson, P.S., Drouin, H., Kwan, D., Moscovitch, M., & **Rosenbaum, R.S.** (2012). Close interpersonal relationships in amnesic patients. Poster presented at the 19th Annual Cognitive Neuroscience Society Meeting, Chicago, IL.
 89. Rabin, R.S., Braverman, A., Stuss, D.T., & **Rosenbaum, R.S.** (2012). Early development of episodic memory is necessary for theory of mind only under some conditions: Evidence from developmental amnesia. Poster presented at the 19th Annual Cognitive Neuroscience Society Meeting, Chicago, IL.
 90. Rose, N.S., Olsen, R.K., Craik, F.I.M., & **Rosenbaum, R.S.** (2011). Amnesia impairs maintenance of a single face for just one second, unless it's Paris Hilton. Poster presented at the 18th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
 91. Cassidy, B., Kwan, D., & **Rosenbaum, R.S.** (2011). Spatial memory for heavily experienced environments in a case of developmental amnesia. Poster presented at the 18th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
 92. Ryan, J.D., McQuiggan, D., Bloom, R., Villate, C., Riggs, L., & **Rosenbaum, R.S.** (2011). The critical role of the hippocampus in relational binding across time. Poster presented at the 18th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
 93. Carson, N., Kwan, D., & **Rosenbaum, R.S.** (2011). An exploration of event (re)construction and elaboration in developmental amnesia. Poster presented at the 18th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
 94. Rabin, J.S., & **Rosenbaum, R.S.** (November 2010). Familiarity and vividness modulate the relationship between autobiographical memory and theory of mind. Poster presented at the 40th Annual Society for Neuroscience Conference, November 13-17, 2010, San Diego, CA.
 95. Rabin, J.S., & **Rosenbaum, R.S.** (June 2010). Familiarity increases theory of mind and autobiographical memory overlap: A network approach. Poster presented at the 16th annual meeting of the Organization for Human Brain Mapping, June 6-10, 2010, Barcelona, Spain.
 96. Kwan, D., Craver, C., Green, L., Myerson, J., Boyer, P., & **Rosenbaum, R.S.** (April 2010). Future decision-making without episodic mental time travel. Poster presented at the 17th Annual Cognitive Neuroscience Society Meeting, Montreal, QC.
 97. Carson, N., Kwan, D., Addis, D.R., & **Rosenbaum, R.S.** (April 2010). Deficits in past remembering extend to future imagining in developmental amnesia. Poster presented at the 17th Annual Cognitive Neuroscience Society Meeting, Montreal, QC.
 98. Rabin, J.S., & **Rosenbaum, R.S.** (April 2010). Degree of familiarity with situations and people influences the functional overlap between theory of mind and autobiographical memory. Paper presented at the 17th Annual Cognitive Neuroscience Society Meeting, Montreal, QC.
*among a select few included in a slide session
 99. Chau, V.L., Murphy, E.F., **Rosenbaum, R.S.**, Ryan, J.D., & Hoffman, K.L. (April 2010). Change detection in visual search reveals explicit memory across species. Poster presented at the 17th Annual Cognitive Neuroscience Society Meeting, Montreal, QC.
 100. Howard, S.J., Rabin, J.S., Stuss, D.T., & **Rosenbaum, R.S.** (March 2010). Effects of lateral lesions on medial activation during autobiographical remembering. Poster presented at the joint Berkley-Rotman Research Institute Conference on the Frontal Lobes, Toronto, ON.
*selected as part of the moderated poster session
 101. Hirshhorn, M., Moscovitch, M., Grady, C., **Rosenbaum, R.S.**, & Winocur, G. (November 2009). The hippocampus is involved in mental navigation for recently learned, but not highly familiar environments. Poster presented at the 50th Annual Meeting of the Psychonomic Society, November 19-20, 2009, Boston, MA.
 102. Zackheim, L., Stuss, D.T., Gillingham, S., Rewilak, D., Murphy, K.J., & **Rosenbaum, R.S.** (November 2009). The effects of extensive damage to a “theory of mind” network on “theory of

- mind” performance. Poster presented at the 39th Annual Society for Neuroscience Conference, October 17-21, 2009, Chicago, IL.
103. Ryan, J.D., Ostreicher, M., Kamino, D., Moses, S.N., & **Rosenbaum, R.S.** (October 2009). Processing and acquisition of relations in amnesia and healthy aging. Nano-symposium presented at the 39th Annual Society for Neuroscience Conference, October 17-21, 2009, Chicago, IL.
 104. Rabin, J.S., Stuss, D.T., Gilboa, A., Mar, R.A., & **Rosenbaum, R.S.** (2009). Unique neural correlates of autobiographical memory and theory of mind. Poster presented at the 16th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
 105. Agnihotri, S., Ryan, J.D., Moscovitch, M., Winocur, G., M.-E. Couture, & **Rosenbaum, R.S.** (2009). Long-term representations of familiar landmarks and scenes as revealed behaviourally and with eye movements. Poster presented at the 16th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.
 106. Ryan, J.D., Moses, S.N., & **Rosenbaum, R.S.** (2008). Intact and impaired transverse patterning performance in an amnesic patient with extensive medial temporal lobe damage. Poster presented at the 38th Annual Society for Neuroscience Conference, Washington, D.C.
 107. Rabin, J.S., Stuss, D.T., Gilboa, A., & **Rosenbaum, R.S.** (2008). Distinct neural networks support autobiographical memory and theory of mind. Poster presented at the 2nd Annual Social and Affective Neuroscience Conference, Boston, MA.
 108. Hirschhorn, M., Moscovitch, M., Grady, C.L., **Rosenbaum, R.S.**, Winocur, G. (2007). An fMRI study of the hippocampus and other structures involved in memory for a recently learned environment. Poster presented at the 37th Annual Society for Neuroscience Conference, San Diego, CA.
 109. Ostreicher, M., Moses, S.N., **Rosenbaum, R.S.**, & Ryan, J.D. (2007). Successful transverse patterning in amnesia using existing semantic knowledge. Poster presented at the 37th Annual Society for Neuroscience Conference, San Diego, CA.
 110. **Rosenbaum, R.S.**, Stuss, D.T., Alexander, M., Gallup, G.G. Jr., & Gillingham, S. (2007). The fractionation of mental state attributions in patients with focal frontal lesions. Poster presented at the 14th Annual Cognitive Neuroscience Society Meeting, New York, NY.
 111. **Rosenbaum, R.S.**, Levine, B., & Stuss, D.T. (2005). Autonoetic consciousness is not necessary for theory of mind. *Journal of the International Neuropsychological Society*, 11 (Suppl. S1), 143. Poster presented at the International Neuropsychological Society Annual Conference, St. Louis, MI.
 112. **Rosenbaum, R.S.**, Winocur, G., & Moscovitch, M. (2004). Remote memory loss for spatial details of personal events, but not for context-free spatial layouts, in a case of hippocampal amnesia. Poster presented at the Neurons and Memory Meeting, San Diego, CA.
 113. **Rosenbaum, R.S.**, Furey, M., Horwitz, B., & Grady, C.L. (2004). Altered communication between emotion-related brain regions supports short-term memory in Alzheimer’s disease. Poster presented at the 34th Annual Society for Neuroscience Conference, San Diego, CA.
 114. **Rosenbaum, R.S.**, Winocur, G., Ziegler, M., Hevenor, S.J., Grady, C.L., & Moscovitch, M. (2004). fMRI studies of remote spatial memory in an amnesic person. Poster presented at the 14th Annual Rotman Research Institute Conference, Toronto, ON. (published in *Brain and Cognition*, 54, 170-172)
 115. **Rosebaum, R.S.**, Black, S.E., Gao, F.Q., & Moscovitch, M. (2003). Remote spatial memory in a former taxi driver with Alzheimer’s disease. Poster presented at the 33rd Annual Society for Neuroscience Conference, New Orleans, LA.
 116. Gilboa, A., **Rosenbaum, R.S.**, Westmacott, R., Grady, C.L., Winocur, G., & Moscovitch, M. (2003). I know the forest, but don’t remember the trees - behavioural and neuroimaging studies of remote memory for autobiographical details in amnesia. Paper presented at the Brenda Milner Symposium, Montreal.

117. **Rosenbaum, R.S.**, McKinnon, M., Levine, B., & Moscovitch, M. (2003). Visual imagery or strategic retrieval: Disentangling the nature of patient KC's autobiographical memory deficit. Poster presented at the 10th Annual Cognitive Neuroscience Society Meeting, New York, NY.
118. **Rosenbaum, R.S.**, Ngo, L., & Moscovitch, M. (2002). Neural Correlates of Navigation and Landmark Identification. Poster presented at the 32nd Annual Society for Neuroscience Conference, Orlando, FL.
119. **Rosenbaum, R.S.**, Priselac, S., & Moscovitch, M. (1999). Studies of remote spatial memory in an amnesic person with extensive bilateral hippocampal lesions. Poster presented at the 29th Annual Society for Neuroscience Conference, Miami, FL.
120. Rich, J.B., Maki, P., & **Rosenbaum, R.S.** (1999). Implicit memory performance in young women across the menstrual cycle. Poster presented at the Annual International Neuropsychological Society Conference, Boston, MA.

Invited presentations at national and international conferences

1. *Navigating between animal and human models of spatial navigation*. Festschrift in honour of Gordon Winocur. Baycrest, June 4, 2020 (postponed).
2. *Pattern separation following dentate gyrus lesions*. Symposium on Deep data: The contribution of case studies and special populations in the era of big data. 27th Annual Cognitive Neuroscience Society Meeting, Boston, MA, USA, March 14-17, 2020.
3. *Understanding the workings of the hippocampus: lessons from ventromedial prefrontal cortex*. Special Session on "What makes us human? Symposium in honor of Donald T. Stuss." 27th Annual Cognitive Neuroscience Society Meeting, Boston, MA, USA, March 14-17, 2020.
4. *Understanding the workings of the hippocampus: lessons from ventromedial prefrontal cortex*. Invited symposium on "In Memory of Donald Stuss." *International Neuropsychological Society Annual Conference*, Denver, CO, USA, February 8, 2020.
5. *Understanding the nature, extent, and brain dynamics of deficient pattern separation in aging and amnesia*. Keynote address, Lake Ontario Visionary Establishment (L.O.V.E.) Conference, Niagara Falls, Ontario, February 6-7, 2020.
6. Commentator on *The Significance of Episodic Memory* by Simon Alexander Burns Brown (Columbia University), Colloquium on Memory and the Self, 116th Eastern Division Meeting of the American Philosophical Association, Philadelphia, PA, USA, January 9, 2020.
7. *A real-world, patient-based approach to understanding hippocampal contributions to memory*. Invited symposium on "Memory in the wild." Annual meeting of the Canadian Society for Brain Behaviour and Cognitive Science, Waterloo, ON, June 7-9, 2019.
8. *Episodic- and semantic-like interactions in spatial memory*. Invited Symposium on "From knowing to re-experiencing: the semantic-episodic distinction 47 years on." 26th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA, March 23-26, 2019.
9. *When past meets future: The effects of episodic memory impairment on future thinking and decision-making*. Invited Plenary Session on "Episodic remembering and future thinking: neural mechanisms and role in decision making." 37th European Workshop on Cognitive Neuropsychology: An Interdisciplinary Approach, Bressanone, Italy, January 24, 2019.
10. *Pattern separation operates across modality, representation, and cognitive process*. Annual meeting of the Memory Disorders Research Society, Toronto, ON, October 3-6, 2018.
11. *When past meets future: The effects of episodic memory impairment on future thinking and decision-making*. Keynote Address, Honours thesis conference, University of Ottawa, March 16, 2018.
12. *Not all types of future thinking are affected in episodic amnesia*. Annual meeting of the Memory Disorders Research Society, Northwestern University Feinberg School of Medicine, Chicago, IL, September 13-16, 2017.

13. *Do complex neurological cases advance memory theory?* Conference in Honour of Endel Tulving's 90th birthday. Toronto, ON, May 27, 2017.
14. *A case study approach to understanding memory.* Early Research Career Award address, International Neuropsychological Society Annual Conference, February 1-4, 2017, New Orleans, LA.
15. *Pattern separation deficits in a person with bilateral dentate gyrus lesions.* Symposium on Insights into memory using the case study approach. International Conference on Memory, July 17-22, 2016, Budapest, HU.
16. *Cognitive maps and the hippocampus: Setting boundaries and charting new territory.* Festschrift in honour of Morris Moscovitch. Trinity College, University of Toronto, June 2-3, 2015.
17. *Understanding hippocampal amnesia: Lessons from patient and neuroimaging studies.* Early Researcher Award Address. Canadian Society for Brain, Behaviour, and Cognitive Science. Ryerson University, July 3, 2014.
18. *Dissociations in future thinking following episodic memory loss.* Symposium on New Views on Hippocampal Function: Memory and Beyond. The International Neuropsychological Society Annual Mid-Year Conference, Jerusalem, Israel, July 2014.
19. *The effects of episodic memory loss on future thinking and decision making.* Rotman Research Institute 24th Annual Neuroscience Conference on The Cognitive and Neural Basis of Memory in Humans, Toronto, ON, March 10, 2014.
20. *Hippocampal contributions to detailed vs. schematic representations in spatial memory.* Symposium on Breaking the spatial code of the hippocampus. Meeting of the Memory Disorders Research Society, Toronto, ON, October 10-12, 2013.
21. *What does the hippocampus do?* Young Investigator Award talk, 7th Annual Canadian Association for Neuroscience (CAN) Meeting, Toronto, ON, May 21-24, 2013.
22. *Do patient and fMRI studies tell the same story? The case of 'mental displacement.'* 7th Annual Canadian Association for Neuroscience (CAN) Meeting, Toronto, ON, May 21-24, 2013.
23. *A little birdie told me: episodic-semantic distinctions in spatial memory.* Annual meeting of the Memory Disorders Research Society, University of California, Davis. Davis, CA. September 5-9, 2012.
24. *Future thinking without recollection in amnesia.* Symposium on The cognitive and neural basis of recollection memory. Canadian Society for Brain, Behaviour and Cognitive Science, Kingston, ON, June 8, 2012.
25. *fMRI studies of autobiographical memory in theory of mind: Implications for aging.* 64th Annual meeting of the Gerontological Society of America. Boston, MA. November, 2011.
26. *A neuropsychological perspective on "The man with a two-second memory."* Remembering Mr. Breutel: A multi-disciplinary discussion of a forgotten amnesic case study. Center for Programs, Washington University, St. Louis, MI, February 26, 2010.
27. *Decision-making in amnesia.* Kathleen McDermott lab meeting, Department of Psychology, Washington University, St. Louis, MI, February 24, 2010.
28. *The past, present, and future of episodic memory as informed by the amnesic case K.C.* Meeting of the Memory Disorders Research Society, Chapel Hill, North Carolina, September 2009.
29. *Frontal lobe contributions to mental state awareness.* The human frontal lobes and the mind: an interdisciplinary conference, Festschrift in Honour of Donald Stuss, Hart House, University of Toronto, June 11, 2009.
30. *Do patient and fMRI studies tell the same story? The case of 'mental displacement.'* Meeting of the Memory Disorders Research Society, St. Louis, Missouri, September 2008.
31. *Detailed vs. schematic representations in memory.* Episodic Memory and the Brain: Festschrift in Honour of Endel Tulving. Tallinn, Estonia, May 2007.

Invited colloquia and seminars

1. *Contributions of episodic memory to the self*. Rotman Research Rounds, Toronto, Ontario, November 18, 2019.
2. *Contributions of episodic memory to future thinking and decision-making*. Memory Seminar, University College London, London, England, January 29, 2019.
3. *Pattern separation operates on pre-experimentally familiar representations*. Centre for Vision Research Retreat, Drake Hotel, Toronto, ON, September 27, 2018.
4. *When past meets future: The effects of episodic memory loss on future thinking and decision making*. University of Bologna, Bologna, Italy, July 9, 2018.
5. *Pattern separation operates across modality, representation, and cognitive process*. University of Arizona Colloquium, Tucson, AZ, April 27, 2018.
6. *Re-examining the role of the hippocampus in spatial memory*. Psychology, Neuroscience, and Behaviour (PNB) Colloquium, McMaster University, March 1, 2018.
7. *Vision in the medial temporal lobe*. Centre for Vision Research Retreat, Drake Hotel, Toronto, ON, October 17, 2017.
8. *Hippocampal contributions to future thinking and decision making*. Behavior, Brain, and Cognition Seminar, Washington University, St. Louis, MI, December 7, 2016.
9. *Visual discrimination in the hippocampal memory system*. Centre for Vision Research Retreat, Glendon College, York University, September 16, 2016.
10. *Simulating the real world to understand the neural basis of spatial memory and navigation*. Cognition / Perception Seminar Series, McMaster University, December 5, 2014.
11. *Changing the fate of memory in healthy and pathological aging*. Health Psychology Seminar, York University, Toronto, Ontario, November 10, 2014.
12. *Is the hippocampus concerned with space or time? Insights from amnesic patients and neuroimaging*. Neuroscience and Applied Cognitive Science Area speaker series, University of Guelph, Guelph, Ontario, October 22, 2014.
13. *What does the hippocampus do? Insights from patients and neuroimaging*. Department of Biology, York University, September 22, 2014.
14. *Hippocampal contributions to future thinking and decision making*. Neuroscience Seminar Series. Université de Montréal, April 11, 2014.
15. *Hippocampal contributions to spatial and temporal aspects of episodic and semantic memory*. Ebbinghaus Empire Series. Department of Psychology, University of Toronto, November 20, 2013.
16. *Examining the relationship between memory and social cognition with neuroimaging*. Imaging Rounds, Toronto Western Hospital, June 19, 2012.
17. *Understanding hippocampal amnesia: Findings from patient and neuroimaging studies*. Psychology Colloquium, University of Toronto Mississauga. Toronto, ON. January 30, 2012.
18. *Understanding episodic amnesia: Evidence from patient and neuroimaging studies*. Research Rounds, Rotman Research Institute, Baycrest, October 4, 2010.
19. *Episodic memory: The past, present, and future*. Cognitive Science Speaker Series, York University, November 25, 2009.
20. *Do patient and fMRI studies tell the same story? The case of 'mental displacement.'* Imaging Rounds, Toronto Western Hospital, May 26, 2009.
21. *The cognitive neuroscience of remote memory*. Neuroscience Seminar Series, Neuroscience Diploma Program, York University, April 28, 2009.
22. *Patient and neuroimaging studies of current and future thinking*. Neuroscience Sunnybrook Health Sciences Centre, Toronto, March 5, 2009.
23. *Episodic memory contributions to temporal distance judgments*. Research Rounds, Rotman Research Institute, Baycrest, March 2, 2009.

24. *Functional and neural correlates of episodic memory*. Sunnybrook-Baycrest Neurosciences Research Day, Sunnybrook Health Sciences Centre, Toronto, January 8, 2009.
25. *Do patient and fMRI studies tell the same story? The case of 'mental displacement.'* Psychology In-House Conference, Glendon College, York University, April 2008.
26. *Detailed vs. schematic representations in memory*. Research Rounds, Department of Psychology, Baycrest, September 2007.

PROFESSIONAL SERVICE

Editorial positions

- 2019- Consulting Editor, Neuropsychology (APA journal)
- 2018- Associate Editor, Frontiers in Human Neuroscience
- 2016-2021 Consulting Editor, Archives of Scientific Psychology (APA journal)
- 2008-2018 Reviewing Editor, Frontiers in Human Neuroscience

Positions and memberships in professional associations

- 2014-2021 Member (elected), College of New Scholars, Artists, and Scientists of the Royal Society of Canada
- 2014- Fellow (elected), Psychonomic Society
- 2012- Canadian Association for Neuroscience
- 2012- Canadian Society for Brain, Behaviour and Cognitive Science
- 2008- Association for Psychological Science
- 2006- Member (elected), Memory Disorders Research Society
- 2005-2006 Associate Member, Heart and Stroke Foundation of Ontario Centre for Stroke Recovery
- 2004-2005 Member, Program Committee, 33rd Annual Meeting of the International Neuropsychological Society
- 2003- Member (licensed), The College of Psychologists of Ontario
- 2003- Member, Canadian Psychological Association
- 1999- Member, Cognitive Neuroscience Society
- 1998- Member, Society for Neuroscience
- 1997- Member, International Neuropsychological Society

Memberships on public advisory agencies

- 2015-2019 Member, Board of Trustees, Ontario Science Centre (Ontario Ministry of Tourism, Culture, and Sport public appointment)

Major consultations

Grant Review Panel

- 2020 Member, Canadian Institutes of Health Research (CIHR) BSC Committee
- 2018 Member, Canadian Institutes of Health Research (CIHR) BSC Committee

Grant Review

- 2017-present Member, Canadian Institutes of Health Research College of Reviewers
Peer Review for: Operating Grants (CIHR), Natural Sciences and Engineering Research Council, Discovery Grants (NSERC), Social Sciences and Humanities Research Council of Canada, Standard

Research Grants (SSHRC), Israel Science Foundation, Human Brain Project (European Union), Medical Research Council (UK), University of California Davis Pilot Project Grant (USA), Alzheimer's Association (USA), National Science Foundation (USA), Alfred P. Sloan Foundation Call-For-Ideas (International)

Manuscript Review

Brain, Brain and Cognition, British Journal of Clinical Psychology, Cognition, Cognition and Emotion, Cognitive Neuropsychology, Cortex, Current Biology, European Journal of Neuroscience, F1000 Faculty Reviews, Frontiers in Human Neuroscience, Frontiers in Psychology, Hippocampus, Human Brain Mapping, Journal of Clinical and Experimental Neuropsychology, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: General, Journal of the International Neuropsychological Society, Journal of Neuropsychology, Journal of Neuroscience, Memory and Cognition, Nature: Human Behavior, Nature Neuroscience, Nature Reviews Neuroscience, NeuroImage, Neuron, Neuropsychologia, Neuropsychology, Neuroscience, Proceedings of the National Academy of Sciences, Psychology and Aging, Science Advances (Science), Scientific Reports (Nature), Trends in Cognitive Sciences

Book review

Cengage, Oxford University Press, Psychology Press

Book endorsement

Michaelian, K., Klein, S.B., & Szpunar, K.K. (2016). Seeing the future: Theoretical perspectives on future-oriented mental time travel. New York: Oxford University Press.

Program development

2018-2019 Consultant, 50th Anniversary Mindworks Exhibit, Ontario Science Centre
 2001-2005 Consultant, Memory and Aging Program, Baycrest Centre for Geriatric Care, Toronto (cross-referenced under SERVICE)

Workshops

2019 *HippoCompass: AI-driven solutions to help older adults find their way in new and old environments.* Spatial Navigation Workshop, VISTA, February 13, 2019.
 2016 *Seniors Vision Health Research at York U.* Seniors Housing Industry Workshop, March 4, 2016.
 2013 *How to build a sustainable lab.* CIHR Program in Aging, May 8, 2013 (cross-referenced under TEACHING)

Organization of conferences

2019 Co-Chair, 5th Annual Toronto Area Memory Group (TAMeG), with M. Barense, B. Levine, M.P. McAndrews, Toronto, ON, May 14, 2019.
 2018 Co-Chair, 30th Annual Meeting of the Memory Disorders Research Society (International Conference), with A. Gilboa, A. Lee, and J. Ryan, Toronto, ON, October 2018.
 2018 Co-Chair, 4th Annual Toronto Area Memory Group (TAMeG), with M. Barense, B. Levine, M.P. McAndrews, Toronto, ON, May 2018.
 2017 Co-Chair, 3rd Annual Toronto Area Memory Group (TAMeG), with M. Barense, B. Levine, M.P. McAndrews, Toronto, ON, May 2017.

- 2013 Co-Chair, 25th Annual Meeting of the Memory Disorders Research Society (International Conference), with M. Barense, A. Gilboa, B. Levine, and J. Ryan, Toronto, ON, September 2013.
- 2001 Chair, Annual Conference of the Southern Ontario Neuropsychology Group (SONG), Toronto, ON, June 2001.

Conference symposia organized and/or chaired

1. Chair and Moderator (invited), Plenary Talk and Symposium, *The cognitive neuroscience of the senses*, 8th Annual Canadian Association for Neuroscience (CAN) Meeting, Montreal, QC, May 28, 2014.
2. Co-Chair, Symposium on *Breaking the spatial code of the hippocampus* (Co-Chair Arne Ekstrom). Meeting of the Memory Disorders Research Society, Toronto, ON, October 10-12, 2013.
3. Introductory Remarks (invited), Public Lecture by Dr. Suzanne Corkin on *Permanent Present Tense: The Unforgettable Life of the Amnesic Patient H.M.*, The Royal Ontario Museum, October 9, 2013.
4. Faculty Mentor (invited), CIHR Summer Program in Aging, Toronto, ON, May 5-9, 2013.
5. Co-Chair, Symposium on *Convergence and divergence among methodologies in cognitive neuroscience* (Co-Chair Asaf Gilboa), 7th Annual Canadian Association for Neuroscience (CAN) Meeting, Toronto, ON, May 21-24, 2013.
6. Chair and Moderator, Symposium on *Does the Case Study Approach Continue to Inform the Cognitive Neuroscience of Memory? Lessons from H.M.* Meeting of the Memory Disorders Research Society, Chapel Hill, North Carolina, September 24, 2009.
7. Chair and Discussant, Symposium on *Recent and remote spatial memory: When is the hippocampus needed?* The International Neuropsychological Society Annual Conference, St. Louis, Missouri, February 2005.

PUBLIC APPEARANCES

Television, radio, and online video

1. *Research2Reality*, Summer and Fall 2018
2. *National Public Radio (NPR)*, December 28, 2014, "From one man's damaged brain, a treasure trove of research on memory" (interview by Arun Rath, produced by Phil Harrell)
3. *CBC Radio Metro Morning with Matt Galloway*, October 4, 2012, Interview / commentary on "Toronto police need help identifying mystery woman with amnesia"
4. *CBC News at 6*, October 4, 2012, Interview / commentary on "Toronto police need help identifying mystery woman with amnesia" (by Nil Koksall)
5. *Citytv News*, October 20, 2009, "Use it or lose it" (commentary on the effects of GPS on navigational ability)

Public Lectures

1. *Women in STEM*. Greenwood College School, March 30, 2020.
2. *How memory changes with age*. York University Scholars Hub, Vaughan Public Library, November 23, 2018.
3. *Helping our aging brain*. Amica's Helping Hands Gala, November 10, 2017.
4. Table host, RCIS Science Gala dinner, April 20, 2017.
5. *How memory changes with age*. Seniors Month keynote address, Toronto Public Library (North York Central), June 15, 2016.

6. Introductory remarks (invited), opening weekend screening of *A Beautiful Planet*. Shoppers Drugmart Omimax Theatre, Ontario Science Centre, May 1, 2016.
7. *As time goes by: how memory and decision making change with age*. The York Circle Lecture and Lunch Series, Community and Alumni Relations, York University, November 28, 2015.
8. Introductory remarks (invited), Public Lecture by Dr. Suzanne Corkin on *Permanent Present Tense: The Unforgettable Life of the Amnesic Patient H.M.*, The Royal Ontario Museum, October 9, 2013.
9. *Inside the aging brain: An old story*. Special lecture of the Ontario Science Centre Brain Exhibit, Toronto, ON, February 19, 2015.
10. *Applying principles of memory theory to education*. Keynote address, annual alumni event of the Toronto French School, Toronto, Ontario, January 27, 2015.

Other

Newspapers and magazines/journals³

1. APS Observer, November 2018, "Cattell fund projects include explorations of sensory processes, memory"
2. BBC Future, August 7, 2018, "Hormones and memory" (by Zaria Gorvett)
3. Cognitive Neuroscience Society, CNS Blog, July 11, 2017, "Linking words and memories: how we remember the structure of things" (by Lisa M.P. Munoz)
4. New Scientist, November 5, 2014, "Imposter disorder explains how man's wife was 'stolen'"
5. Discover Magazine, April 3, 2014, "Time rolls on, even without memory" (Neuroskeptic blog)
6. Canadian Press, April 1, 2014, "Toronto amnesiac whose case helped rewrite chapters of the book on memory dies" (by Helen Branswell)
7. The Toronto Star, April 1, 2014 "Toronto amnesiac whose case helped rewrite chapters of the book on memory dies"
8. CTVnews.ca, April 1, 2014, "Famed Canadian amnesiac Kent Cochrane dies at 62"
9. cbc.ca, April 2, 2014, "Kent Cochrane, Famed Toronto amnesiac in medical texts, dies"
10. The Globe and Mail, April 3, 2014, "One of the world's most studied minds"
11. National Post, January 28, 2014, Interview / expert commentary on "Most studied brain in the world: Cranium of man who couldn't make new memories still yields secrets to scientist" (by Joseph Brean)
12. Maclean's Magazine, September 2013, The New Brain: Special Edition on A Revolution in the Way We Think, "Introduction" and "Fugue states" (interview with Sarah Barmak)
13. Star Dispatches, The Toronto Star, November 2012, Expert commentary on "Linda's story: Inside the mysterious world of amnesia" (by Sandro Contenta)
14. Canadian Press, March 5, 2012, "Tech tools help North Bay woman navigate life where memories are hard to make" (by Helen Branswell)
15. Huffington Post, March 5, 2012, "North Bay woman's amnesia helped by tech tools"
16. Globe and Mail, March 8, 2012, "Lessons from a very rare brain"
17. APA Monitor on Psychology, May 2010, American Psychological Association, Personalities Profile.
18. New York Times, March 2, 2010, Announcement of the 2010 Sloan Research Fellows.
19. Washington University Record, February 25, 2010, "Man with two-second memory subject of scholarly debate"
20. National Post, December 19, 2009, "Total Recall" (Series on memory and amnesia by Joseph Brean)
21. National Post, December 18, 2009, "Memory: Is it what makes us human?" (by Joseph Brean)
22. YorkU Magazine, "Memory bank: Unlocking the mystery of the hippocampus"
23. YorkU Magazine, October 2008, "Spotless minds"

³Work has also been covered extensively in the York University e-newspaper *Y-File*

24. World media attention: Rosenbaum et al., 2007, *Science*, 318, 1257.
25. Canadian Press, November 22, 2007
26. CBC News, Science and Technology, November 22, 2007, “Ability to read others' emotions can withstand memory loss, study suggests”
27. The Toronto Star, November 23, 2007, “Amnesiacs' social skills unimpaired”
28. Yahoo.ca, Health headline, November 23, 2007, “Episodic memory not needed to be able to put self into the shoes of others: study”
29. Yahoo India, News, November 24, 2007, “People with autobiographical memory loss still sensitive to others”
30. *Science and Consciousness Review*, November 26, 2007, “Is theory of mind dependent on episodic memory?”
31. USA Today, Health, November 29, 2007, “Memory loss may not mean loss of sensitivity to others”
32. United Press International, November 23, 2007, “Memory not the only tie that binds”
33. CTV News, Health, November 23, 2007, “Toronto-area amnesic helps neuroscience”
34. The Toronto Star, November 2007, Expert commentary on living with amnesia, “No time but the present”
35. *Nature*, January 2007, Expert commentary on: Hassabis, D., Kumaran, D., Vann, S.D., & Maguire, E.A. Patients with hippocampal amnesia can not imagine new experiences, *Proceedings of the National Academy of Sciences* (doi:10.1038/news070115-2).
36. National Post, September 2000, *Discovery: Neuroscience*, September 20, 2000, “An amnesiac's memory” (media attention: Rosenbaum et al., 2000, *Nature Neuroscience*, 3, 1044-48).

FUNDING

External

Received

- | | |
|-----------|--|
| 2020-2022 | Vision: Science to Applications (VISTA) Research Grant (PI), “HippoCompass: Using artificial intelligence to help older adults navigate,” with J. Elder, M. Kyan, J. Ryan, and A. Sekuler, \$50,000 |
| 2020-2022 | Vision: Science to Applications (VISTA) Research Grant (co-applicant), “Seed money to develop NFRF project: Reality under threat,” with N. Troje (PI), J. Zylberberg, R. Rini, and J.D. Crawford, \$50,000 |
| 2019-2024 | Canadian Institutes of Health Research, Project Grant (co-applicant), “Unitization: a strategy to circumvent memory deficits in aging and amnesia,” with J.D. Ryan (PI), M. Barense, and A. Gilboa, \$668,000 |
| 2018-2019 | Vision: Science to Applications (VISTA) Research Grant (PI), “Computational, behavioural, and neuroimaging approaches to decoding human spatial navigation,” with J. Ryan and M. Kyan, \$50,000 |
| 2016-2023 | Canada First Research Excellence Fund (co-investigator), “VISTA: Science to Applications,” with D. Crawford (PI), R. Wildes (PI), R. Allison, J. Elder, L. Harris, M. Jenkin, M. Kyan, J.K. Tsotsos, T. Womelsdorf, J. Wu, \$33,338,000 |
| 2016-2020 | Canadian Institutes of Health Research, Project Grant (co-applicant), “Probing hippocampal integrity with ultra-high resolution MRI and behaviour in temporal lobe epilepsy,” with A. Khan (PI; Western University), S. Köhler (co-PI), I. Johnsrude, R. Menon, S. Mirsattari, \$458,700 |
| 2015-2020 | Natural Sciences and Engineering Research Council, Discovery Grant (PI), “fMRI and patient studies of remote spatial and episodic memory,” \$165,000 (RGPIN-04238-2015) |

- 2015-2016 Ontario Centres of Excellence, VIP I Grant (PI), "Optimizing workplace training using principles from memory research," \$25,000
- 2014-2015 Natural Sciences and Engineering Research Council, Discovery Grant (PI), "fMRI and patient studies of remote spatial and episodic memory," \$30,000 (2014-06704)
- 2013-2014 Natural Sciences and Engineering Research Council, Engage Grant (PI), "Enhancing productivity in the workplace: Optimizing learning and retention using principles from memory research," \$23,951 (EGP #451345-13)
- 2013-2014 Heart and Stroke Foundation Centre for Stroke Recovery, Catalyst Stimulus Grant (co-PI), "Examining the benefits of the spacing effect to memory rehabilitation and neural organization in stroke patients" with G. Winocur (co-PI), \$76,025
- 2011-2017 Canadian Institutes of Health Research, Operating Grant (co-PI), "Behavioural and functional neuroimaging studies of recent and remote spatial memory in humans" with M. Moscovitch (co-PI), C.L. Grady (co-applicant), and G. Winocur (co-applicant), \$775,730 (MGP 6694)
- 2010-2014 Sloan Research Fellowship, Alfred P. Sloan Foundation (USA), \$50,000 (cross-referenced under SCHOLARLY AND PROFESSIONAL ACTIVITIES)
- 2009-2017 Canadian Institutes of Health Research, Operating Grant (PI), "Patient and neuroimaging studies of mental state representations," with B. Levine (co-applicant), \$568,445 (MOP 93535)
- 2007-2013 Ontario Ministry of Research and Innovation, Early Researcher Award, "Patient and functional neuroimaging studies of remote memory for places, events, and facts," \$190,000 (cross-referenced under PERSONAL)
- 2006-2008 Natural Sciences and Engineering Research Council Research Tools and Instruments Grant, "fMRI data analysis lab," \$21,333
- 2005-2013 Natural Sciences and Engineering Research Council Discovery Grant, "Interactions between spatial, episodic, and semantic memory," \$109,045 (312639-2005)
- 2005-2010 Canadian Institutes of Health Research Operating Grant (co-PI), "Behavioural and functional neuroimaging studies of remote spatial memory" with M. Moscovitch (co-PI), C.L. Grady, and G. Winocur, \$504,310; Equipment, \$16,983 (MOP 135818)

Institutional

- 2019 Office of the Vice President Research and Innovation (with matching funds from Lassonde School of Engineering), Large Grant "Preliminary Study" Funding (PI), \$22,350
- 2018 Faculty of Health, York University, Collaborative and/or Community-Based Research Seed Grant (PI), \$14,850
- 2017 Faculty of Health, York University, Minor Research Grant (PI), "The effects of episodic memory loss on future thinking and decision-making," \$2,970
- 2014 Faculty of Health, York University, Minor Research Grant (PI), "Exploring the self-reference effect in older adults with and without mild memory decline," \$3,000
- 2014 Faculty of Health, York University, Conference Travel Funds for travel to the International Neuropsychological Society Conference, Jerusalem, Israel, \$2,000
- 2009 Faculty of Health, York University, Conference Travel Funds for travel to Episodic Memory and the Brain, Tallinn, Estonia, \$900
- 2008 Top-up Funding, CIHR (PI), "Integration of Emotional and Cognitive Processing in the Brain," \$28,191
- 2008 York University, Special Research Grant (PI), "Integration of Emotional and Cognitive Processing in the Brain," \$21,000

- 2005 Atkinson Faculty, York University, Conference Travel Funds for travel to Memory Disorders Research Society Meeting, Tucson, Arizona, \$750
- 2005 Atkinson Faculty, York University, Research Startup Funds, \$106,198

C. TEACHING

SUMMARY OF TEACHING AND TEACHING CONTRIBUTIONS

Courses developed and taught:

Undergraduate: 3 redesigned and taught

Graduate: 2 developed, 2 redesigned taught

Primary supervision:

Undergraduate Honours thesis: 22 completed; 2 in progress

Undergraduate Independent Reading: 9 completed

NSERC USRA students: 11 completed

MA: 11 completed (1 visiting), 1 in progress, 1 incoming

PhD: 5 completed, 6 in progress

Postdoctoral: 2 completed, 1 in progress

High school co-op students: 2 completed

Research assistants: 18 completed; 1 in progress

Volunteers: 19 completed; 1 in progress

Co-supervision:

Undergraduate Honours thesis: 3 completed

MA: 1 completed; 1 in progress

Postdoctoral: 5 completed

Committee membership:

MA: 10 completed, 1 in progress

MSc: 1 completed, 1 in progress

PhD: 4 completed, 3 in progress

Supervision – Other:

Academic Breadth Paper: 12 completed, 1 in progress

Comprehensive Examination (Cognate): 4 completed, 1 in progress

Clinical Competency Examination: 10 completed, 1 in progress

Predocctoral Interns (Clinical Neuropsychology): 2 completed

External examiner:

Ph.D.: 4 completed

Guest lectures in other courses

Graduate: 2

Guest lectures at other institutions

Undergraduate: 3

Graduate: 1

Courses taught at other institutions

Undergraduate: 2

Teaching awards

Faculty of Health: 1 awarded

UNDERGRADUATE

Courses taught (teaching release due to CIHR New Investigator Award and York Research Chair)

*course that I substantially revised

2019	Memory, HH/PSYC 3256 3.0 Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2018	Memory, HH/PSYC 3256 3.0
2016	*Memory, HH/PSYC 3256 3.0
2016	Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2015 (x2)	Neural Basis of Behaviour, HH/PSYC 3250 3.0
2014	Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2007	*Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2007	Neural Basis of Behaviour, HH/PSYC 3250 3.0
2005	*Neural Basis of Behaviour, HH/PSYC 3250 3.0

Independent reading courses directed

2017-2018	Yarden Levy (current: PhD program, Psychology, McMaster University)
2017-2018	Anna Wasiman
2017-2018	Yasha Amani
2017-2018	Nick Hoang (current: PhD program, Psychology, University of Toronto)
2016-2017	Gyulnara (Julia) Khalilova (current: PhD program, Psychology, York University)
2013-2014	Lyn Van Kampen (PhD program, Psychology, University of Toronto)
2010-2011	Stevenson Baker (current: Graduate School, Psychology, York University)
2009-2010	Audrey Wong-Kee-You (current: postdoctoral fellow at the Smith-Kettlewell Eye Research Institute; received PhD, Psychology, York University)
2009-2010	Benjamin Cassidy (current: medical school, Northern Ontario School of Medicine; received MA, Psychology and Neuroscience, York University)

Honours thesis supervisions

*honours and awards

2019-2020	Linda Nguyen, Thesis Title: “Minimizing losses with episodic cues in delay discounting”
2019-2020	Roni Chan, Thesis Title: “Effects of episodic cues on probability discounting in patients with vmPFC lesions”
2018-2019	Deena Herman, Thesis Title: “Can you hear the difference? Mismatch negativity as a mechanism of auditory pattern separation” (medical school, McMaster University) *recipient of the Canadian Psychological Association Award of Academic Excellence for Honours thesis **recipient of the W.B. Templeton Award for best Honours thesis
2018-2019	Anna Waisman, Thesis Title: “Route descriptions of a familiar environment in amnesic Mild Cognitive Impairment” (current: RA, Psychology, York University)
2017-2018	Amir Zarie, Thesis Title: “The role of eye movements in the retrieval of navigation-related information” (current: MA program in Psychology, York University)
2016-2017	Nick Hoang, Thesis Title: “Discrimination of highly similar sounds does not differ between young and older adults” (current: MA program, Psychology, University of Toronto) (current: MA program in Psychology, University of Toronto)

- 2016-2017 Leslie Vesely, Thesis Title: “The right temporal parietal junction and theory of mind: A study of focal lesion patients” (current: MA program, Psychology, York University)
(current: MA program in Couples and Family Therapy, University of Guelph)
- 2016-2017 Yasha Amani, Thesis Title: “The road most travelled: Navigational familiarity and time compression” (current: dentistry, University of Toronto)
- 2015-2016 Foujan Minooei Saberi, Thesis Title: “The spacing effect in a case of developmental amnesia: A candidate for memory intervention”
(current: MA program in Rehabilitation Sciences, University of Toronto)
- 2015-2016 Mahsa Nasser, Department of Biology, Thesis Title: “Material-specific memory and perceptual impairments in a case of developmental thalamic amnesia”
(current: Ontario Veterinary College, University of Guelph)
- 2015-2016 Jaime Cazes, Thesis title: “Dentate gyrus contributions to auditory pattern separation”
(current: Neurology resident, University of Toronto)
*recipient of the Canadian Psychological Association Award of Academic Excellence for Honours thesis
**recipient of the W.B. Templeton Award for best Honours thesis
- 2014-2015 Navona Calarco, Cognitive Science Program, Thesis Title: “Theory of mind in patients with focal lesions” (current: MSc, Institute of Medical Sciences, University of Toronto)
- 2013-2014 Nimisha Sharma, Thesis Title: “Eye movement studies of famous face recognition”
- 2012-2013 Aurela Vangjeli, Thesis Title: “The effect of temporal distance on future thought in older adults” (received MSW, University of Windsor)
- 2012-2013 Lindsay Rubinfeld, Thesis Title: “Eye movement studies of episodic-semantic interactions in face recognition” (current: PhD program, Psychology, Dalhousie University)
- 2011-2012 Benjamin Cassidy, Thesis Title: “Spatial memory for highly-experienced environments in a case of developmental amnesia” (current: medical school, Northern Ontario School of Medicine; received MA, Psychology and Neuroscience, York University)
- 2009-2010 Stevenson Baker, Thesis Title: “fMRI studies of lab-based vs. real-world episodic memory” (current: PhD program, Psychology, York University)
- 2008-2009 Anna Braverman, Thesis Title: “The effects of earlier episodic memory impairment on the development of theory of mind” (current: PsyD program, Psychology, Rutgers University)
*recipient of the award for best oral presentation in Cognition at the Undergraduate Thesis Conference, McMaster University
- 2008-2009 Nachum Abraham, Thesis Title: “Characterization of declarative memory in a developmental amnesic person” (current: Intraoperative neurophysiologist at University Health Network, Toronto; received MSc in Neuroscience, University of Calgary)
- 2007-2008 Aliya Solski, Cognitive Science Program, Thesis Title: “Future Temporal Distance Judgments in Amnesia” (received MA, Psychology, York University)
- 2006-2007 Sabrina Angihotri, Thesis Title: “Recent and Remote Memory for Faces” (current: resident of Psychiatry, University of Toronto; received MD, McMaster University and PhD, Rehabilitation Sciences, University of Toronto)
- 2006-2007 Melanie Ostreicher, Thesis title: “Formation and Processing of Relations in Amnesia” (current: Pediatrician; received MD, University of Toronto)
*recipient of the Canadian Psychological Association Award of Academic Excellence for best Honours thesis

NSERC Undergraduate Summer Research Award (USRA) supervisions

- 2019 Anna Waisman, Psychology, Project Title: “Remote spatial memory in aMCI”
- 2017 Gyunlara (Julia) Khalilova, Psychology, Project Title: “Examining the impact bias in affective forecasting without episodic future imagining” (current: MA program, Psychology, York University)
- 2016 Gyulnara (Julia) Khalilova, Psychology, Project Title: “Patient studies of episodic memory and theory of mind” (current: MA program, Psychology, York University)
- 2016 Yasha Amani, Psychology, Project Title: “Pattern separation in remote spatial memory”
- 2015 Lior Krimus, Biology, Project Title: “Behavioural and anatomical correlates of episodic memory” (current: medical school, University of Toronto)
- 2015 Kiarash Salehigilani, Psychology, Project Title: “Investigating the neural basis of spatial memory using Google Street View” (current: medical school, McMaster University)
- 2014 Navona Calarco, Psychology, Project Title: “Patient and fMRI studies of theory of mind” (current: project manager, Centre for Addiction and Mental Health)
- 2014 Ariella Lenton-Brym, Psychology, McGill University, Project Title: “Temporal distance judgments in hippocampal amnesia” (current: PhD program, Clinical Area, Ryerson University)
- 2014 Mahsa Nasserri, Biology, Project Title: “Structural MRI and DTI analysis of brain structures and connectivity underlying memory” (current: veterinary school, University of Guelph)
- 2010 Stevenson Baker, Psychology, Project title: “fMRI studies of lab-based vs. real-world episodic memory” (current: PhD program, Psychology, York University)
- 2009 Matthew Gladman, Project Title: “Eye movement studies of episodic-semantic interactions in face recognition” (current: neurology resident, Queen’s University; received MD, McMaster University)

Lab managers and research assistants (paid positions) supervisions

- 2019-2020 Anna Waisman
- 2019 Linda Nguyen, Summer Research Assistant
- 2019 Samantha Posen, Summer Research Assistant (Queen’s University)
- 2019 Julia Kay, Summer Research Assistant (McMaster University)
- 2018 Sarah Berger, Summer Research Assistant (Queen’s University)
- 2018 Deena Herman, Research Assistant
- 2017, 2018 Yasha Amani, Summer Research Assistant
- 2017 Maeve Wildes, Summer Research Assistant (McGill University)
- 2016-2017 Yarden Levy, Research Assistant
- 2015-2017 Victoria Smith, Lab Manager
- 2014-2016 Gabriela Gonzalez, Graduate Research Assistant (current: PhD program, Mathematics, York University)
- 2014-2015 Navona Calarco, Lab Manager (current: project manager, Centre for Addiction and Mental Health)
- 2013-2014 Danielle Pelletier, Research Assistant (current: Occupational Therapy, University of Toronto)
- 2012-2014 Stevenson Baker, Lab Manager (current: PhD program, Psychology, York University)
- 2010-2012 Nicholas Hill, Lab Manager
- 2008-2010 Nicole Carson, Research Assistant (current: PhD program, Psychology, York University)
- 2008-2010 Stephanie Solcz, Research Assistant (received PhD, Psychology, University of Waterloo)
- 2006-2007 Rachel (Light) Bloom, Research Assistant

2006-2007 Ariana Andrei, Research Assistant (current: PhD program, Biomedical Sciences, University of Texas; received MSc, Neuroscience, McGill University)

Volunteer supervisions

2020 Brielle Bossin
 2020 Kate Goltz
 2020 Maria Arrieta
 2019-2020 Gwyneth Campbell
 2019-2020 Shana Wiseberg
 2019-2020 Lauren Webber
 2018-2020 Maria Orlando
 2018-2019 Roni Chan
 2018-2019 Maria Orlando
 2018-2019 Linda Nguyen
 2016-2018 Jad Daou
 2016 Sofia Demidova
 2016 Daniel Wilson
 2015-2016 Leslie Vesely
 2015-2016 Yarden Levy
 2015-2016 Yasha Amani
 2014, 2015 Eliana Weiss
 2014-2015 Eleenor Abraham
 2013-2015 Mahsa Nasser
 2013-2014 Susanna Kim
 2013-2014 Navona Calarco
 2013 Ariella Lenton-Brym
 2012-2014 Nirvair Grewal
 2012-2014 Daniela Giancalo
 2012-2013 Nimisha Sharma
 2012-2013 Lerna Hanceroglu (current: PhD program, Psychology, University of Windsor)

Honours thesis co-supervisions at other institutions

2005-2006 Steven Kuo, BSc Honours Thesis, Psychology, University of Toronto, Thesis Title: "Neural correlates of remote spatial memory"
 2001-2002 Le-Anh Ngo, BSc Honours Thesis, Psychology, University of Toronto, Thesis Title: "Components of spatial memory and possible brain correlates" (received MSc in Rehabilitation Sciences from University of Toronto; current: psychometrist, Credit Valley Hospital)
 1998-1999 Sandra Priselac, BSc Honours Thesis, Psychology, University of Toronto, Thesis Title: "Remote memory for spatial information in amnesic individuals"

GRADUATE

Courses taught (teaching release due to CIHR New Investigator Award)

*new course that I developed

2009 GS/PSYC 6252 3.0 Cognitive Neuroscience

2008 *GS/PSYC 6252 3.0 Cognitive Neuroscience

Masters theses

Supervisions/co-supervisions

*honours and awards

**federal/provincial scholarship

2020- Claire Lauzon, Psychology

2018- Delaram Farzanfar, Psychology, Thesis title: “The effects of changes to well-known environments on spatial schemas”

**NSERC Master’s Award

2017-2019 Julia Halilova, Psychology, Thesis title: “Temporal self-appraisal in developmental amnesia”

2016-2018 Sara Pishdadian, Psychology

**CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)

**Ontario Graduate Scholarship

2016 Violetta Knyagnytska, Visiting Student, University of Bologna, Bologna, Italy, Project Title: “Contributions of dentate gyrus to perceptual discrimination of high-ambiguity objects and faces” (co-supervisor: Elisa Ciaramelli)

2015-2017 Jenkin Mok, Psychology, Thesis Title: “Examining the effects of episodic imagining on reward discounting”

**CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)

2014-2016 Steven Baker, Psychology, Thesis title: “A necessary role for the dentate gyrus in pattern separation”

*recipient of the Canadian Psychological Association Award of Academic Excellence for MA thesis

**NSERC Alexander Graham Bell Canada Graduate Scholarships–Doctoral Program (\$105,000 over 3 years)

2012-2014 Katherine Herdman, Psychology, Thesis Title: “Impoverished Descriptions of Familiar Routes in Three Cases of Hippocampal Amnesia”

**CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)

2012-2014 Sabrina Lemire-Rodger, Psychology, Thesis Title: “Fractionating Executive Control in the Human Brain: A Within-Subjects fMRI Study” (co-supervisor: Gary Turner)

*recipient of Donald Hebb Award for Best Poster Presentation, annual meeting of Canadian Society of Brain, Behaviour and Cognitive Science

**Queen Elizabeth II Graduate Scholarship in Science and Technology

2010-2012 Nicole Carson, Psychology, Thesis Title: “The influence of the self-reference technique on enhancing memory in cognitive aging”

*recipient of March of and CIHR Health Professional Student Research Award (\$2,125)

**CIHR Master’s Research Award (\$17,500) and Ontario Graduate Scholarship (\$15,000)

2009-2011 Janet (Roberts) Green, Psychology, Thesis Title: “The spacing effect is robust to variation in retention interval and early-onset hippocampal damage” (current: medical student at Dalhousie University)

**NSERC Postgraduate Scholarship–Master’s Program (\$17,500)

2008-2010 Donna Kwan, Psychology, Thesis Title: “Episodic memory contributions to temporal distance judgments”

*recipient of the Canadian Psychological Association Award of Academic Excellence for MA thesis

- 2007-2009 **CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)
Jennifer Rabin, Psychology, Thesis Title: “Common and unique neural correlates of autobiographical memory and theory of mind”
*recipient of the Canadian Psychological Association Award of Academic Excellence for MA thesis; nominated by the Department of Psychology in the Faculty of Graduate Studies thesis prize competition
*recipient of the Canadian Psychological Association Award of Academic Excellence for PhD dissertation
**CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)
**Heart and Stroke Foundation Focus on Stroke Master’s Award (\$18,500)

Committees

- 2014-2016 Katie Matthews, Psychology, Thesis title: “The effect of art training on dementia” (Primary Supervisor: Melody Wiseheart)
2014-2016 Mani Kang, MSc, Kinesiology and Health Science, Thesis Title: “Factors affecting cognitive-motor integration in adults at risk for, or in the early stages of, dementia” (Primary Supervisor: Lauren Sergio)
2014-2015 Dhawal Selarka, Psychology, University of Toronto, Thesis Title: “Remote spatial memory in depression” (Primary Supervisor: Brian Levine)
Current: Behavioural Scientist, Transport Canada
2012-2014 Holly Fernandes, Psychology, Thesis Title: “Effects of practice on learning and retention of tool-related motor skills in Parkinson’s disease” (Primary Supervisor: Norm Park)
2012-2014 Areeba Adnan, Psychology, Thesis Title: Functional and structural substrates of neural modulation in older adults after executive control training” (Primary Supervisor: Gary Turner)
2008-2010 Vivian Chau, MSc, Biology, Thesis Title: “A visual adaptation of the Morris Water Maze: Flicker change detection reveals declarative/relational memory across species” (Primary Supervisor: Kari Hoffman)
2007-2009 Shumita Roy, Psychology, Thesis Title: “Dissociating the memory systems mediating complex tool knowledge and skills” (Primary Supervisor: Norman Park)
2005-2007 Sabrina Lombardi, Psychology, Thesis Title: “The cognitive processes underlying routine and novel naturalistic action performance in stroke patients” (Primary Supervisor: Norman Park)

Dean’s representative/chair of examining committees

- 2018 Sara Rafique
2016 Leiko Tanaka, Psychology, Thesis Title: “TMS over DLPFC during trans-saccadic memory of multiple objects” (Primary Supervisor: Doug Crawford)
2009 Steven Howard, Psychology, Thesis Title: “Mental- and perceptual-attention in gifted children” (Primary Supervisor: Janice Johnson)

Doctoral dissertations

Supervisions/co-supervisions

- 2019- Julia Halilova, Psychology
2018- Sara Pishdadian, Psychology, Dissertation Title: “Investigating Spatial Memory and Navigation in Amnesic Mild Cognitive Impairment”
*Soupcoff Research Grant
*2020 CPA Clinical Neuropsychology Section Student Research Award
**NSERC PGS (Doctoral) Award

- 2018- Krista Mitchnick, Psychology, Dissertation Title: “Does Visual Pattern Separation Subserve Higher-Order Cognitive Processes”
*recipient of an Elia Doctoral Scholarship, VISTA Award, and Ontario Graduate Scholarship
- 2017- Jenkin Mok, Psychology, Dissertation Title: “Hippocampal vs. ventromedial prefrontal cortex contributions to delay, probabilistic, and social discounting”
*recipient of Graham F. Reed Bursary
- 2016- Steven Baker, Psychology, Dissertation Title: “Pattern separation across modality and cognitive process.”
- 2014-2019 Katie Herdman, Psychology, Dissertation Title: “Investigating spatial memory and navigation in developmental amnesia”
**CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$105,000 over 3 years)
Current: Supervised practice at The Ottawa Hospital and Ricci & Associates
- 2012-2018 Nicole Carson, Psychology, Dissertation Title: “Exploring the self-reference effect in adults with and without mild memory decline”
*recipient of March of Dimes Canada Graduate Scholarship (\$1,200) and CIHR Health Professional Student Research Award (\$1,962)
**Alzheimer Society Research Program (ASRP) Doctoral Award (\$66,000 over 3 years)
Current: Neuropsychologist, Bridgepoint Active Healthcare
- 2010-2016 Donna Kwan, Psychology, Dissertation Title: “Future Decision-Making in Episodic Amnesia” (completion of internship in Clinical Neuropsychology at Rush University Medical Center 06/30/2016)
**Heart and Stroke Foundation Focus on Stroke Doctoral Award (\$132,000 over 3 years)
Current: Clinical Platform Lead, Ontario Neurodegenerative Disease Research Initiative (ONDRI)
- 2009-2015 Jennifer Rabin, Psychology, Dissertation Title: “Patient and fMRI studies of imagining other people’s experiences” (current: Scientist, Sunnybrook Research Institute; completed internship in Clinical Neuropsychology at Massachusetts General Hospital, Harvard University and CIHR postdoctoral fellow at MGH/Harvard Medical School Martinos Center for Medical Bioimaging)
*recipient of the Canadian Psychological Association Award of Academic Excellence for PhD thesis
*recipient of the Governor General’s gold for academic performance (only 1 recipient per year university-wide)
**Heart and Stroke Foundation Focus on Stroke Doctoral Award (\$132,000 over 3 years)
Current: Scientist, Sunnybrook Research Institute
- 2006- Stephanie Hornyak, Psychology, Dissertation Title: “Remote memory for spatial, episodic, and semantic information” (on extended leave)
- 2005-2011 Lisa Zackheim, Psychology, Dissertation Title: “Studies of frontal versus temporoparietal contributions to theory of mind in focal- and multi-lesion patients” (current: Clinical Neuropsychologist)

Committees

- 2020- George Tomou, Psychology (Supervisor: Doug Crawford)
- 2019- Matthias Berkes, Psychology (Supervisor: Ellen Bialystok)
- 2017-2019 Sang-Ah Yoo, Psychology (Co-supervisors: Maz Fallah and John Tsotsos)
- 2014- Holly Fernandes (Primary Supervisor: Norm Park)

- 2009-2014 Shumita Roy, Psychology, Dissertation Title: Investigating the declarative and procedural memory processes underlying acquisition of tool-related knowledge and skills” (Primary Supervisor: Norman Park)
Current: Neuropsychologist (Private Practice), Northeast Neuropsychology, Connecticut, USA
- 2007-2017 Alexandra Arnold-Oatley, Psychology, Dissertation Title: Scanpath analysis: The potential for remediation of facial emotion perception deficits and increased social integration in adults with traumatic brain injuries” (Primary Supervisor: Maxine Wintre)
- 2006-2008 Xiaojia Feng, Psychology, Thesis Title: “Working Memory and Bilingualism: An Investigation of Executive Control and Processing Speed” (Primary Supervisor: Ellen Bialystok)
- 2005-2009 Beverly Bouffard, Psychology, Dissertation Title: “Memory Functioning and Unipolar Depression” (Primary Supervisor: Jill B. Rich)

Dean’s Representative/Chair of Examining Committees

- 2017 Ashley Curtis, Psychology, Thesis Title: Cueing visual spatial working memory: effects of cue modality, cue type, and age (Primary supervisor: Susan Murtha)
- 2016 Ying Chen, PhD Dissertation, Department of Psychology, York University (Primary Supervisor: Doug Crawford)
- 2011 Alejandra Calvo, Psychology, Dissertation Title: “The role of bilingualism and socioeconomic status in executive functioning” (Primary Supervisor: Ellen Bialystok)
- 2011 Valerie Shaughnessy, Psychology, Dissertation Title: “The impact of mild cognitive impairment on spouses: A multi-modal investigation” (Primary Supervisor: Tim Moore)

Committee Memberships – Other

Minor area paper and comprehensive examination (Cognate) committees

- 2019-2020 Alica Rogojin, Kinesiology and Health Sciences (Primary Supervisor: Lauren Sergio)
- 2018-2019 Krista Mitchnick
- 2018 Bianca Baltaretu, Biology (Primary Supervisor: Doug Crawford)
- 2018 Ahmed Hussin, Biology (Primary Supervisor: Kari Hoffman)
- 2016-2017 Katie Herdman
- 2016-2017 Melissa Parlar, Psychology (Primary Supervisor: Walter Heinrichs)
- 2014-2017 Audrey Wong-Kee-You, Psychology (Primary Supervisor: Scott Adler)
- 2013 Kara Hawken, Kinesiology and Health Sciences (Primary Supervisor: Lauren Sergio)
- 2013-2014 Donna Kwan, Psychology
- 2012-2013 Jennifer Rabin, Psychology
- 2012-2013 Tina Weston, Psychology (Primary Supervisor: Melody Wiseheart)
- 2010-2011 Ashley Miles, Psychology (Primary Supervisor: Walter Heinrichs)
- 2009-2010 Steven Howard, Psychology (Primary Supervisor: Janice Johnson)
- 2008-2010 Raluca Barac, Psychology (Primary Supervisor: Ellen Bialystok)
- 2008-2010 Stephanie Hornyak, Psychology
- 2007-2008 Lisa Zackheim, Psychology
- 2006-2008 Erica Barbuto, Psychology (Primary Supervisor: Norm Park)

Clinical competency examination committees

- 2019 Erica Tatham
- 2018 Komal Shaikh
- 2015 Kenneth Colosimo

2015 Rachel Siegal
 2014 Natalie Michel
 2010 Sabrina Lombardi
 2010 Madalyn Marcus
 2010 Tali Boritz
 2007 Longena Ng
 2006 Lephuong Ong
 2006 Jennifer Lewin

External examiner

2017 Aiden Arnold, PhD Dissertation, Department of Psychology, University of Calgary, Calgary, Alberta (Supervisor: Giuseppe Iaria)
 2016 Matthew King, PhD Dissertation, Department of Psychology, Ryerson University, Toronto, Canada (Supervisor: Todd Girard)
 2014 Lisa Bradford, PhD Dissertation, Department of Psychology, Queen's University, Kingston, Canada, Dissertation Title: "The Effects of Atypical Antipsychotics on Implicit Reward Learning in Schizophrenia" (Supervisor: Richard Beninger)
 2012 Jamie Campbell, PhD Dissertation, Department of Psychology, Macquarie University, Sydney, Australia, Dissertation Title: "Age and Sex Effects on Facets of Topographical Memory of Highly Familiar Environments" (Supervisor: Jennifer Batchelor)

Predoctoral internship (clinical neuropsychology) supervisions

2009-2010 Kim Savage, Baycrest
 2009-2010 Alexandre Bélanger, Baycrest

Postdoctoral supervisions

**federal or provincial fellowship

2017-2018 Mark Vida (co-supervisors: Stefan Köhler, Morris Moscovitch), Project Title: "Examining visual receptive field organization in the hippocampus"
Current position: Industry
 2017-2018 Zhongxu Liu (co-supervisor: Jennifer Ryan), Project Title: "Computational, behavioural, and neuroimaging approaches to decoding human spatial navigation"
 **CIHR postdoctoral fellowship (\$120,000 over 3 years)
 *VISTA postdoctoral fellowship
Current position: Assistant Professor at the University of Michigan at Dearborn
 2015-2017 Rachel Newsome, Project Title: "Anatomical and functional characterization of patients with medial temporal lobe amnesia" (co-supervisor: Jennifer Ryan)
Current position: Project manager at the University of Toronto
 2014-2015 Jake Kurczek, Project Title: "Common and unique neural contributions to theory of mind and decision making"
Current position: Assistant Professor, Loras College, IA; previous: Assistant Professor, Haverford College, PA
 2012-2017 Alice Kim, Project Title: "Examining the benefits of the spacing effect on learning and memory in clinical populations and in the workplace"
 *recipient of two Ontario Research Coalition Early Researcher Awards
 **Canadian Partnership for Stroke Recovery Trainee Award (\$50,000)
 **NSERC Industrial R&D Fellowship (\$90,000 over two years)

- Current position: Postdoctoral Fellow, Teaching Commons, York University
 2011-2015 Raluca Petrican, Project Title: “Perceived affective concealment and accommodation in married couples” (co-supervisor: Cheryl Grady)
 **CIHR Postdoctoral Fellowship (\$90,000 over 2 years)
Current position: Assistant Professor, Cardiff University, UK
 2011-2015 Jason Ozubko, Project Title: “Investigating the neural basis of spatial memory using Google Street View” (co-supervisor: Morris Moscovitch)
Current position: Assistant Professor, State University of New York at Geneseo

Guest lectures in other courses

- 2017 AP/HIST 1180, Making Money, History, November 28, 2017 (Course Instructor: D. Koffman)
 2017 PSYC 3250, Neural Basis of Behaviour, Psychology, November 16, 2016 (Course Instructor: D. Stevens)
 2016 PSYC 3250, Neural Basis of Behaviour, Psychology, March 7, 2016 (Course Instructor: D. Stevens)
 2014 PSYC 3250, Neural Basis of Behaviour, Psychology, November 6, 2014 (Course Instructor: D. Stevens)
 2010 PSYC 6253, Fundamentals of Neuroscience II: Circuits, Systems, and Behaviors, Neuroscience Graduate Diploma Program, February 1, 2010 (Course Instructors: J. DeSouza, K. Hoffman)
 2009 PSYCH 3001, Professional Psychology: Research Ethics and Survival Skills, Psychology, University of Toronto, April 6, 2009 (Course Instructor: S. Shettleworth)
 2002 x4 PSY 393, Cognitive Neurology, Psychology, University of Toronto (Course Instructor: M. Moscovitch)
 2000 x2 PSY 393, Cognitive Neurology, Psychology, University of Toronto (Course Instructor: M. Moscovitch)
 1998 PSY 375, Attention and Performance, Psychology, University of Toronto (Course Instructor: J. Pratt)

OTHER TEACHING-RELATED ACTIVITIES

Seminars, workshops presented

- 2017 *Baycrest Academic Career Night*, Speaker Panel, Research Training Centre, Baycrest, December 4, 2017.
 2017 *Behavioural and neuroimaging methods for single case and case-series research experimental designs*. Research Training Centre, Baycrest, April 6, 7, and 13, 2017.
 2015 *Women in Science*, Research Training Centre, Baycrest, June 18, 2015.
 2014 *Case methodologies in cognitive neuroscience research*, Research Training Centre, Baycrest, January 5-7, 2014.
 2013 *Applying for scholarships*, Clinical and Clinical-Developmental Graduate Program brownbag, Department of Psychology, York University, September 3, 2013.
 2013 *How to build a sustainable lab*. CIHR Program in Aging, May 8, 2013. (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)

Professional development

2002 Teaching Practicum, Department of Psychology, University of Toronto

Other

Public lectures on teaching and supervision

2015 *Applying principles of memory theory to education*. Keynote address, annual alumni event of the Toronto French School, Toronto, Ontario, January 27, 2015. (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)

High school co-operative placement supervisions

2015-2016 Michelle Raitman, Richmond Hill High School

2014-2015 Gaya Bin-Noon, Richmond Hill High School

COURSES TAUGHT AT OTHER INSTITUTIONS

2005 Human Memory, PSY 372, Psychology, University of Toronto

2003 Cognition and Psychopathology, PSY 342, Psychology, University of Toronto

2002 Cognitive Neurology, PSY 393, Psychology, University of Toronto (Tutorial Instructor)

2000 Cognitive Neurology, PSY 393, Psychology, University of Toronto (Tutorial Instructor)

TEACHING AWARDS

2016 Teaching Award – Established Career, Faculty of Health, York University (cross-listed under PERSONAL)

COURSE/CURRICULUM DEVELOPMENT

Program Development (cross-referenced under SERVICE)

1. Clinical Neuropsychology Stream, Department of Psychology, York University
2. Neuroscience Graduate Diploma Program, York University
3. Memory and Aging Program, Baycrest Centre for Geriatric Care, Toronto (citation in manual)

Course/curriculum development (cross-referenced under SERVICE)

1. GS/PSYC 6430 6.0 Assessment in Psychology
2. GS/PSYC 6252 3.0 Cognitive Neuroscience

PEDAGOGIC INNOVATION

2014- High school cooperative program, Richmond Hill High School (cross-referenced under SERVICE)

SERVICE ON TEACHING COMMITTEES (cross-referenced under SERVICE)

2008-2010 Chair, Committee on Examinations and Academic Standards

PUBLICATIONS AND PROFESSIONAL CONTRIBUTIONS TO TEACHING

Publications (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)

Articles in refereed journals

1. Green, J.L., Weston, T., Wiseheart, M., & **Rosenbaum, R.S.** (2014). Long-term spacing effect benefits in developmental amnesia: Case experiments in rehabilitation. *Neuropsychology*, 28, 685-694.

Papers and posters in refereed conference proceedings

1. Weston, C., Green, J., Cepeda, N., & **Rosenbaum, R.S.** (2013). The lasting benefits of the spacing effect on recall despite compromised hippocampal and episodic memory development. Poster presented at the 20th Annual Cognitive Neuroscience Society Meeting, San Francisco, CA.

Funding (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)

- 2015-2016 Ontario Centres of Excellence, VIPI Grant (PI), “Optimizing Workplace Training using Principles from Memory Research,” \$25,000
- 2013-2014 Natural Sciences and Engineering Research Council, Engage Grant (PI), “Enhancing productivity in the workplace: Optimizing learning and retention using principles from memory research,” \$23,951 (EGP #451345-13)
- 2013-2014 Heart and Stroke Foundation Centre for Stroke Recovery, Catalyst Stimulus Grant (co-PI), “Examining the benefits of the spacing effect to memory rehabilitation and neural organization in stroke patients” with G. Winocur (co-PI), \$76,025

D. SERVICE**Internal**University Senate and Research Centres

- 2019-2022 Member, York University Senate Research and Awards Committee (Faculty of Health Representative)
- 2019-2022 Member, Strategic Project and Opportunity Review Team (SPORT)
- 2019- Chair, Performance Monitoring Committee, Vision to Action (VISTA), Canada First Research Excellence Fund
- 2016- Member, Leadership Committee, Vision to Action (VISTA), Canada First Research Excellence Fund
- 2019- Member, Strategic Research Committee, Vision to Action (VISTA), Canada First Research Excellence Fund
- 2018-2019 Member, York University Artificial Intelligence and Society Task Force (Chairs: Pina D’Agostino and James Elder)
- 2016-2019 Chair, Partnership Committee, Vision to Action (VISTA), Canada First Research Excellence Fund
- 2016-2018 Chair, Senate Subcommittee on Honorary Degrees and Ceremonials
- 2015-2016 Faculty of Health Representative, Senate Subcommittee on Honorary Degrees and Ceremonials (Chair: S. Tweyman)
- 2009-2010 MRI Business Committee (Chair: H. Wilson)

Graduate

- 2015- Member, Awards Committee, Adult Clinical Area
- 2015 Faculty Rater, OGS doctoral awards

- 2013-2016 Coordinator, Neuropsychology Stream, Adult Clinical Area
 2013 Faculty Rater, Faculty of Graduate Studies PhD Dissertation Prize
 2010- Development and Implementation of the York Research Participant Pool (YRPP; now governed by YU-Care ORU)
 2010 Service Evaluation of Full-Time Faculty Member for Tenure and Promotion, Biology
 2009-2011 Member, Steering Committee, Clinical Neuropsychology Stream, Adult Clinical Area
 2008-2010 Co-developed and co-coordinator of Neuroscience Seminar Series with D.A. Crawford (2008-2009, Kinesiology and Health Sciences) and K. Hoffman (2009-2010, Psychology and Biology)
 2006-2010, 2015- Member, Neuroscience Program Steering Committee
 2007-2008 Member, Curriculum Development Committee, Assessment, Adult Clinical Area
 2006- Faculty Rater, Graduate Student Admissions, Adult Clinical Area
 2006 Faculty Rater, NSERC graduate student fellowships
 2007 Member, Clinical Area Hiring Committees (Assessment and Intervention Positions)
 2007 Norm Endler Award Nomination Committee
 2006- Member, Clinical Competency Examination Committee, Adult Clinical Area (cross-references under TEACHING)
 2005-2010 Member, Graduate Student Programmes and Petitions Committee, Adult Clinical Area
 2002-2003 Academic Representative, Graduate Psychology Faculty (University of Toronto)
 2001-2003 Vice Chair, Psychology Graduate Students Association (University of Toronto)

Department

- 2020 Member (appointed), Tenure and Promotion File Preparation Committee for Promotion to Associate Professor (Dr. Amy Muise)
 2017 Member (selected), Tenure and Promotion File Preparation Committee for Promotion to Associate Professor
 2016 Member (selected), Tenure and Promotion File Preparation Committee for Promotion to Full Professor
 2014-2016 Member (elected), Committee on Tenure and Promotions
 2013 Research and Professional Service Evaluation of Full-Time Faculty Member for Candidacy for Tenure and Promotion
 2009 Teaching Evaluation of Contract Faculty Member
 2006-2007 Member, Executive Committee

Faculty

- 2013-2017 Member, Committee on Research and Awards
 2010 Teaching Evaluation of Full-time Faculty Member for Tenure and Promotion, Kinesiology and Health Science
 2010 Member, Panel Hearings for academic dishonesty cases
 2008-2010 Chair, Committee on Examinations and Academic Standards (cross-referenced under Teaching)

ExternalAcademic

- 2019 External Reviewer, Tenure and Promotions File (Full Professor), University of Calgary
 2019 External Reviewer, Tenure and Promotions File (Associate Professor), University of Victoria

- 2018 External Reviewer, Hiring Committee (Assistant Professor), Kavli Centre for Systems Neuroscience at NTNU, Norwegian University of Science and Technology, Faculty of Medical and Health Science
- 2016 External Reviewer, Tenure and Promotions File (Associate Professor), University of Toronto

Hospital

- 2010-2011 Interim Director, Predoctoral Internship in Clinical Neuropsychology, Department of Psychology, Baycrest
- 2010 Reviewer, Clinical Intern Applicants, Psychology, Baycrest
- 2006 Internal Reviewer, Ontario Mental Health Foundation, Rotman Research Institute, Baycrest
- 2004 Ethics Committee, Rotman Research Institute, Baycrest
- 2001-2005 Consultant, Memory and Aging Program, Psychology, Baycrest (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)

Community

- 2019 Judge, Toronto Science Fair, University of Toronto Scarborough, April 6, 2019.
- 2017-2018 Member, Peer Review Committee, Behavioural Sciences C (BSC) Project Grants, Canadian Institutes of Health Science (CIHR)
- 2017-2018 Member, Selection Committee, 2018 cohort of the Royal Society of Canada College of New Scholars Artists and Scientists
- 2017 Member, Selection Committee, Tang Prize for Achievements in Psychology, Tang Foundation
- 2016-2019 Jury Member, Weston Youth Innovation Award, Ontario Science Centre
- 2016, 2017 Member, Donald O. Hebb Lifetime Achievement Award Committee, Canadian Society for Brain Behaviour and Cognitive Science (BBCS)
- 2016-2018 Member, Scientific Advisory Committee, Ontario Science Centre
- 2016-2018 Member, Strategic Oversight Committee, Ontario Science Centre
- 2015-2019 Member, Board of Trustees, Ontario Science Centre (Ontario Ministry of Tourism, Culture, and Sport public appointment; cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)
- 2014- Member (elected, inaugural cohort), College of New Scholars, Artists, and Scientists, Royal Society of Canada (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)
- 2014- Mentor, Grade 11 Science Co-op program, Richmond Hill High School (cross-referenced under SCHOLARLY AND PROFESSIONAL CONTRIBUTIONS)
- 2007- Mentor, Synapse-CIHR Youth Connection
- 2007-2010 Panel Member and Scientist Demonstrator, Baycrest Annual "Meet the Scientists" Day, Mackenzie High School, Toronto, ON
- 2007-2008 Faculty Advisor, Neuroscience Outreach Program (Toronto-based elementary schools), Brain Awareness Week
- 2005-2007 Panel Member, High School Career Day, Community Hebrew Academy of Toronto, Toronto, ON

Updated 04/2020

DEFINITIONS OF AUTHOR ROLES AND RESPONSIBILITIES

It is assumed that everyone who is listed as an author made a substantial, direct, intellectual contribution to the work in terms of conceptualization, design, and analysis and interpretation of data. All listed authors participated in manuscript preparation, at minimum by reviewing drafts and approving the final version. Other contributions, such as technical assistance and patient referrals, are acknowledged but do not necessarily merit authorship.

In general, authors are listed in descending order of contribution, other than the last author, with trainees typically listed prior to more established researchers. The person who took the lead in conducting the research and writing the manuscript is placed in the first position and the most experienced contributor in the last position. Order of authorship is discussed and agreed upon by all authors prior to publication. Details of authorship conventions in my field are as follows:

First author: Primarily responsible for study conceptualization and implementation, including design and preparation of stimuli, data analysis and interpretation, and manuscript writing and editing/revisions. The role often also includes participant recruitment, data collection, and preparation of ethics and grant proposals in support of the research. My contribution to all first-authored publications was at least 75%.

Second author: Involved in writing and editing/revisions of the manuscript, and makes significant contributions to at least several of the other activities listed for the first author.

Last author: Represents the senior author in multi-authored publications, especially when trainees are listed as co-authors. The senior author typically oversees the laboratory in which the research was conducted and has primary responsibility for supervision of the work, collaborating on all aspects of the study with the first author and co-authors.