

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

R. Shayna Rosenbaum, PhD, CPsych
 Full Professor (tenured), Department of Psychology
 Faculty of Health, York University

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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

2024-2027	Vice Director, Connected Minds: Neural and Machine Systems for a Healthy, Just Society, York University
2024-	Member, York Emergency Mitigation, Engagement, Response, and Government Institute (Y-Emerge), York University
2023-2025	Director (interim), Centre for Integrative and Applied Neuroscience (CIAN) Organized Research Unit, York University
2023-2024	Leadership Committee and Core Member, Connected Minds: Neural and Machine Systems for a Healthy, Just Society, York University
2022-	Health Lead, Centre for AI and Society (CAIS) Organized Research Unit, York University
2021-2022	Associate Director (interim), Vision: Science to Applications (VISTA) Program, York University
2020-2023	Principal Scholar, Risk and Insurance Studies Centre (RISC), York University

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

2018	Visiting Professor, Department of Psychology, University of Bologna, Bologna, Italy
2017-	Full Professor, Department of Psychology, York University
2016-2025	Leadership Committee and Core Member, Vision: Science to Applications (VISTA) Program, York University
2015-	Member, York University Centre for Aging Research and Education (YU-Care), York University
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	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
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
2004-2005	Postdoctoral and Clinical Fellow, Rotman Research Institute, Baycrest

HONOURS AND AWARDS

2023-2024	Dean's Award for Excellence in Research – Established Career, Faculty of Health, York University
2021	York University Research Award (previously “York Research Leader”), York University
2021-2026	York Research Chair-Tier II (renewed), Faculty of Health, York University, \$20,000/year
2020	York Research Leader, York University
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 (PERLA), York University, \$5,000
2015	York Research Leader, 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	York Research Leader, 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	Dean's Award for Excellence in Research – 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 Health Sciences, \$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=10,823; h-index=49; i10-index=101 (Google Scholar, 04/25)

Articles in refereed journals: 121

Articles submitted to refereed journals / forthcoming: 14

Non-refereed articles: 3

Books: 1 published, 1 forthcoming

Chapters in books: 10 published, 1 forthcoming

Special issues of journals: 5

Technical reports: 1

Papers and posters in refereed conference proceedings: 183

PUBLICATIONS²

*trainees underlined

Articles in refereed journals

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

1. Che, X., Le, A.T.H., Orlando, M., Krylova, S.M., Panferov, V.G., Ivanov, N.A., Freud, E., **Rosenbaum, R.S.**, & Krylov, S.N. (submitted). Addressing hemolysis-induced loss of sensitivity in lateral flow assay. *Analytical Chemistry*.
2. Halilova, J.G., Fynes-Clinton, S., Terao, C., Addis, D.R.*, & **Rosenbaum, R.S.*** (2025). Delay discounting predicts COVID-19 vaccine booster willingness. *Cognitive Research: Principles and Implications*, 10:1.
*authors made equal contributions
3. Terao, C.M., Pishdadian, S., Moscovitch, M., & **Rosenbaum, R.S.** (2025). Ask how they did it: Untangling the relationship between self-reported strategy use, subjective memory, and gender on associative memory performance in older adults. *Aging, Neuropsychology, and Cognition*, 32, 29-54.
4. Chow, R., Baker, S., Mo, S., Bugos, J.A., Alain, C., **Rosenbaum, R.S.** (2025). Mismatch negativity predicts age-related declines in memory precision. *Neurobiology of Aging*, 147, 32-48.
5. Halilova, J.G., Fynes-Clinton, S., Addis, D.R.*, & **Rosenbaum, R.S.*** (2024). Predictors of change in vaccination decisions among the vaccine-hesitant: Examining the roles of age and intolerance of uncertainty. *Annals of Behavioral Medicine*, 58, 768-777.
6. Aashat, S., D'Angelo, M.C., **Rosenbaum, R.S.**, & Ryan, J.D. (2024). Effects of extended practice and unitization on relational memory in older adults and neuropsychological lesion cases. *Neuropsychology, Development, and Cognition, Section B: Aging, Neuropsychology, and Cognition*, 31, 1070-1105.
7. Halilova, J., Valchanov, D., & **Rosenbaum, R.S.** (2024). Rapid learning in frontline grocery workers during the COVID-19 pandemic. *Applied Cognitive Psychology*, 38, e70008.
8. Mitchnick, K.A., Lombardo, S., & **Rosenbaum, R.S.** (2024). Dissociations in perceptual discrimination following selective lesions to the dentate gyrus vs. CA1 subfield of the hippocampus. *Cortex*, 179, 191-214.
9. Halilova, J.G., Fynes-Clinton, S., Addis, D.R.*, & **Rosenbaum, R.S.*** (2024). Decisions to engage in protective behaviors during COVID-19 are differentially predicted by delay discounting. *Cognitive Research: Principles and Implications*, 9, 38.
*equal contribution
10. Pishdadian, S., Coutrot, A., Webber, L., Hornberger, M., Spiers, H., & **Rosenbaum, R.S.** (2024). Combining patient-lesion and big data approaches to reveal hippocampal contributions to spatial memory and navigation. *iScience*, 27, 109997.
11. Mitchnick, K.A., Marlatte, H., Belchev, Z., Gao, F.Q., & **Rosenbaum, R.S.** (2024). Dissociable contributions of the hippocampal dentate gyrus and CA1 subfield to mnemonic discrimination. *Hippocampus*, 34, 278-283. doi: 10.1002/hipo.23604.
12. **Rosenbaum, R.S.**, Halilova, J.G., Agnihotri, S., D'Angelo, M., Winocur, G., Ryan, J.D., & Moscovitch, M. (2024). Dramatic changes to well-known places go unnoticed. *Neuropsychologia*, 196, 108818.
13. Lauzon, C., Chiasso, D., Rabin, J.S., Ciaramelli, E., & **Rosenbaum, R.S.** (2024). Ventromedial prefrontal cortex is necessary for generalization, not pattern separation. *Journal of Cognitive Neuroscience*, 36, 435-446.
14. Li, A., Lei, X., Herdman, K.A., Waidergoren, S., Gilboa, A., & **Rosenbaum, R.S.** (2024). Impoverished details with preserved gist in remote and recent spatial memory following hippocampal and fornix lesions. *Neuropsychologia*, 194, 108787.
15. Ruggeri, K., Haslam, S.,...**Rosenbaum, R.S.**,... Van Bavel, J., Willer, R. (2024). A synthesis of evidence for policy from behavioral science during COVID-19. *Nature*, 625(7993), 134-147.
16. Herman, D.*, Baker, S.*, Chow, R., Cazes, J., Alain, C., & **Rosenbaum, R.S.** (2023). Mismatch negativity predicts pattern separation, *Cerebral Cortex*, 33, 10181-10193.

*authors made equal contributions

17. Ziegler, M., Liu, Z.X., Arsenault, J., Dang, C., Grady, C., **Rosenbaum, R.S.**, & Moscovitch, M. (2023). Differential involvement of the anterior and posterior hippocampus, parahippocampus, and retrosplenial cortex in making precise judgments of spatial distance and object size for remotely acquired memories of environments and objects. *Cerebral Cortex*, 33, 10139-10154.
18. Fan, C., Sokolowski, M., **Rosenbaum, R.S.**, & Levine, B. (2023). What about “space” is important for episodic memory? *Wiley Interdisciplinary Reviews: Cognitive Science*, 14, e1645.
- *Within top 10 most-cited articles published in 2023 in WIREs Cognitive Science.
19. Wang, H.S., **Rosenbaum, R.S.**, Baker, S., Lauzon, C., Batterink, L.J., & Köhler, S. (2023). Dentate gyrus integrity is necessary for behavioral pattern separation but not statistical learning. *Journal of Cognitive Neuroscience*, 35, 900-917.
20. Farzanfar, D., Spiers, H., Moscovitch, M., & **Rosenbaum, R.S.** (2023). From cognitive maps to spatial schemas. *Nature Reviews Neuroscience*, 24, 63-79.
- *manuscript inspired cover art
21. **Rosenbaum, R.S.**, Halilova, J.G., Kwan, D., Beneventi, S., Craver, C.F., Gilboa, A., & Ciaramelli, E. (2023). Temporal construal of future events following lesions to the hippocampus or to ventromedial prefrontal cortex. *Psychological Science*, 34, 75-86.
22. Beadle, J.N., Heller A., **Rosenbaum, R.S.**, Davidson, P.S.R., Tranel, D., & Duff, M. (2022). Amygdala but not hippocampal damage associated with smaller social network size. *Neuropsychologia*, 174:108311.
23. Freud, E., Di Giammarino, D., Stajduhar, A., **Rosenbaum, R.S.**, Avidan, G., & Ganel, T. (2022). Recognition of masked faces in the era of the pandemic: No improvement, despite extensive, natural exposure, *Psychological Science*, 33(10), 1635-1650.
24. Halilova, J.G., Fynes-Clinton, S., Green, L., Myerson, J., Wu, J., Ruggeri, K., Addis, D.R., & **Rosenbaum R.S.** (2022). Short-sighted decision-making among the COVID-19 unvaccinated. *Scientific Reports* 12(1):11906.
25. Ruggeri, K., Panin, A.,...**Rosenbaum, R.S.**,... Garcia-Garzon, E. (2022). The globalizability of temporal discounting. *Nature Human Behaviour*, 6, 1386-1397.
26. Mitchnick, K.A., Ahmad, Z., Mitchnick, S.D., Ryan, J.D., **Rosenbaum, R.S***, and Freud, E.* (2022). Damage to the dentate gyrus impairs the perceptual discrimination of complex, novel objects. *Neuropsychologia*, 172, 108238.
- *authors made equal contributions
27. Stajduhar, A., Ganel, T., Avidan, G., **Rosenbaum, R.S.**, & Freud, E. (2022). Face masks disrupt holistic processing and face perception in school-age children. *Cognitive Research: Principles and Implications*, 7, 9.
28. Ciaramelli, E., De Luca, F., Kwan, D., Mok, J.N.Y., Bianconi, F., Knyagnytska, V., Craver, C., Green, L., Myerson, J., & **Rosenbaum, R.S.** (2021). The future (put) in mind: future cues reduce delay discounting following ventromedial prefrontal cortex damage. *eLife*, 10:e67387.
29. **Rosenbaum, R.S.**, Halilova, J.G., & Pathman, T. (2021). Semantic memory before episodic memory: How memory research can inform knowledge and belief representations. Commentary on *Knowledge before Belief* (authors: Jonathan Phillips, Wesley Buckwalter, Fiery Cushman, Ori Friedman, Alia Martin, John Turri, Laurie Santos, Joshua Knobe). *Behavioral and Brain Sciences*, 44, e166.
30. Mok, J.N.Y., Green, L., Myerson, J., Kwan, D., Kurczek, J., Craver, C.F., Ciaramelli, E., & **Rosenbaum, R.S.** (2021). Does vmPFC damage really increase impulsiveness? Delay and probability discounting in patients with focal lesions. *Journal of Cognitive Neuroscience*, 33, 1909-1927.
31. Levine, B., **Rosenbaum, R.S.**, Solbakk, A.K., & D'Esposito, M. (2021). Introduction to the Special Issue. *Journal of Cognitive Neuroscience*, 1. https://doi.org/10.1162/jocn_e_01754

32. Freud, E., Stajduhar, A., **Rosenbaum, R.S.**, Avidan, G., & Ganel, T. (2020). The COVID-19 pandemic masks the way people perceive faces. *Scientific Reports*, 10, 22344.
33. Pishdadian, S., Hoang, N.V., Baker, S., Moscovitch, M., & **Rosenbaum, R.S.** (2020). Investigating the sensitivity and specificity of the Mnemonic Similarity Task (MST), a test of pattern separation in healthy older adults. *Neuropsychologia*, 149, 107670.
34. Liu, Z-X., **Rosenbaum, R.S.**, & Ryan, J.D. (2020). Restricting visual exploration impedes neural activity, functional connectivity, and memory. *Cerebral Cortex Communications*, 1, 1-15.
35. Halilova, J., Addis, D.R., & **Rosenbaum, R.S.** (2020). Getting better without memory. *Social Affective and Cognitive Neuroscience*, 15(8), 815-825.
36. Kim, A.S.N., Wiseheart, M., Wong-Kee-You, A.M.B., Le, B.T., Moreno, S., & **Rosenbaum, R.S.** (2020). Specifying the neural basis of the spacing effect with multivariate ERP. *Neuropsychologia*, 30, 107550.
37. Yoo, S.A., **Rosenbaum, R.S.**, Tsotsos, J.K., Fallah, M., & Hoffman, K.L. (2020). Long-term memory and hippocampal function support predictive gaze control during goal-directed search. *Journal of Vision*, 20(5):10.
38. 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.
39. St-Laurent, M., **Rosenbaum, R.S.**, Olsen, R.K., & Buchsbaum, B.R. (2020). Representation of viewed and recalled film clips in patterns of brain activity in a person with amnesia. *Neuropsychologia*, 142, 107436.
40. 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, 107342.
41. 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, 107280.
42. Kan, I.P., **Rosenbaum, R.S.**, and Verfaellie, M. (2020). Schema processing across the lifespan: From theory to applications. *Cognitive Neuropsychology*, 37 (1-2), 1-7.
43. Ryan, J.D., Kacollja, A., D'Angelo, M.C., Newsome, R.N., Gardner, S., & **Rosenbaum, R.S.** (2020). Existing semantic knowledge provides a schematic scaffold for inference in early cognitive decline, but not in amnesic MCI. *Cognitive Neuropsychology*, 37(1-2), 75-96.
44. 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*, 134:107179.
45. 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.
46. 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 Research Methods*, 51, 1485-1497.
47. 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.
48. 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.
49. 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.

50. 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.
51. 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.
52. Gilboa, A., **Rosenbaum, R.S.**, & Mendelsohn, A. (2018). Autobiographical memory: from experiences to brain representations. *Neuropsychologia*, 110, 1-6.
53. Keven, N., Kurczek, J., **Rosenbaum, R.S.**, & Craver, C.F. (2018). Narrative construction is intact in episodic amnesia. *Neuropsychologia*, 110, 104-112.
54. 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.
55. 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.
56. 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.
57. 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.
58. D'Angelo, M.C., **Rosenbaum, R.S.**, & Ryan, J.D. (2016). Impaired inference in a case of developmental amnesia. *Hippocampus*, 26, 1291-1302.
59. 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.
60. 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.
61. 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.
62. Craver, C.F., Keven, N., Kwan, D., Kurczek, J., Duff, M., & **Rosenbaum, R.S.** (2016). Moral judgment in episodic amnesia. *Hippocampus*, 26, 975-979.
63. 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.
64. **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.
65. 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.
66. 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.

67. 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.
68. 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.
69. Petrican, R., **Rosenbaum, R. S.**, & Grady, C.L. (2015). Expressive suppression and neural responsiveness to nonverbal affective cues. *Neuropsychologia*, *77*, 321-330.
70. 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.
71. 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.
72. 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.
73. **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.
74. 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.
75. 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.
76. 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.
77. Craver, C.F., Graham, B., & **Rosenbaum, R.S.** (2014). Remembering Mr. B. *Cortex*, *59*, 153-184.
78. **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.
79. 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.
80. 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.
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1. Freud, E., & **Rosenbaum, R.S.** (February 24, 2022). Children struggle more than adults to recognize masked faces. *The Conversation*. <https://theconversation.com/children-struggle-more-than-adults-to-recognize-maskedfaces-176750>
2. **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 (2021), Special issue in honour of Donald Stuss, *Journal of Cognitive Neuroscience*, with B. Levine and A.K. Solbakk
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1. D'Agostino, P., Elder, J., Pitt, A., Pillai Riddell, R., Edwards, B., Andrews, K., Gaon, A., Jiang, H., Kristal, M., **Rosenbaum, R.S.**, Sachlos, T., Stedman, I., Urner, R., Wakefield, G., & Wu, J. (2021). Fostering the future of artificial intelligence: Report from the York University Task Force on AI & Society.

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1. Krylov, S.N., Krylova, S.M., Le, A.T.H., Moghadas, S.M., Mawani, A., Tabatabaei, N., Papagelis, M., Tsasis, P., Wiktorowicz, M.E., & **Rosenbaum, R.S.** (under review). A policy roadmap for sustainable mass-testing. *Health Affairs Scholar*.
2. Halilova, J.G.*, Kwan, D.*, Lenton-Brym, A., Kawakami, K.L., Craver, C.F., & **Rosenbaum, R.S.** (under review). Temporal construal in older adults. *Cognition*.
3. Baker, S., Youm, A., Levy, Y., Moscovitch, M., & **Rosenbaum, R.S.** (revise and resubmit). Pattern separation contributes to categorical perception. *Attention, Perception, & Psychophysics*. bioRxiv, doi: <https://doi.org/10.1101/2020.05.13.094276>
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6. Craver, C.F., Vargha-Khadem, F., & **Rosenbaum, R.S.** (in prep). Memory and time I: episodic amnesia and temporal concepts. *Philosophical Review*.

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8. Chow, R., Bugos, J.A., Alain, C., **Rosenbaum, R.S.** (in prep). Functional dissociation of mismatch negativity from late discriminative negativity across the adult lifespan. *European Journal of Neuroscience*.
9. Lauzon, C., Yassa, M., & **Rosenbaum, R.S.** (in prep). Discrimination of positive memories is insulated from bilateral lesions of the hippocampal dentate gyrus.
10. Mok, J.N.Y., Halilova, J.G., Yalda, N., Chan, R., E., Craver, C., & **Rosenbaum, R.S.** (in prep). Probability discounting with and without episodic cues following lesions to the ventromedial prefrontal cortex and medial temporal lobes.
11. Davis, O.M., Tippet, L.J., **Rosenbaum, R.S.**, & Addis, D.R. (invited). The present-moment and temporally-extended self in individuals with sudden-onset episodic amnesia. *Philosophical Transactions of the Royal Society of London*.
12. **Rosenbaum, R.S.** (invited). Now is not the time: re-examining the effects of hippocampal lesions on future thinking. *Psychonomic Bulletin & Review*.
13. Amestoy, M.E., Aloysius, R., **Rosenbaum, R.S.**, Liu, Z.X., & Ryan, J.D. (in prep). Eye movements facilitate detail generation and vividness in the mental navigation of familiar routes.
14. **Rosenbaum, R.S.**, Gallup Jr., G.G., & Stuss, D.T. (in prep). Detecting deception as a form of theory of mind: Insights from focal lesion patients.

Papers and posters in refereed conference proceedings

1. Chow, R., Bugos, J.A., Mo, S., **Rosenbaum, R.S.**, & Alain C. (2025). Hearing Acuity and Musicianship Differentially Affect Mismatch Negativity and Memory Precision. Poster to be presented at the Association for Research in Otolaryngology (ARO) Conference, Orlando, FLA, February 22-26, 2025.
2. Halilova, J.G., Terao, C.M., Fynes-Clinton, S., Addis, D.R., & **Rosenbaum, R.S.** (2024). Using future thinking to reduce delay discounting during COVID-19. Poster presented at the Meeting of the Psychonomic Society, November 2024, New York, NY, USA.
3. Li-Chay-Chung, A., Tippet, L.J., Wilson, K.D., **Rosenbaum, R.S.**, Addis, D.R. (2024). Using Cathodal Transcranial Direct Current Stimulation to Investigate Cerebellar Contributions to Autobiographical Memory. Poster to be presented at the Annual Society for Neuroscience Conference, Chicago, IL, USA, October 5-9, 2024.
4. Fide, E., **Rosenbaum, R.S.**, & Kar, K. (2024). Neural predictivity of artificial neural networks of the primate ventral stream is significantly affected by behavioral task states. Poster to be presented at the Annual Society for Neuroscience Conference, Chicago, IL, USA, October 5-9, 2024.
5. Ahuja, R., Ziaee, S., Fide, E., **Rosenbaum, R.S.**, & Kar, K. (2024). Constraining vision models to predict image memorability yields significant gains in producing more brain-aligned models of the primate ventral stream. Paper submitted to CCN 2024 Annual Conference on Cognitive Computational Neuroscience, MIT, Boston, MA, USA, August 6-9, 2024.
6. Orlando, M., Umiltà, A., Fornaciari, F., Ciaramelli, E., & **Rosenbaum, R.S.** (2024). Examining the effects of real-world experience on lab-based scene memory. Poster presented at the Annual Meeting of the Vision Science Society, May 20, 2024, St. Pete Beach, Florida, USA.
7. Faromika, T., & **Rosenbaum, R.S.** (2024). What colour is the white house? Aphantasia and its effect on the richness of visuospatial representations. Poster presented at the Center for Research and

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8. Chow, R., & **Rosenbaum, R.S.** (2024). How aging and lifelong musical engagement affect precision in perception and memory. Paper presented at the Annual Meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 7, 2024.
 9. Orlando, M., Umiltà, A., Fornaciari, F., Ciaramelli, E., & **Rosenbaum, R.S.** (2024). Examining the effects of real-world experience on lab-based scene memory. Poster presented at the Southern Ontario Neuroscience Association (SONA) Conference, May 3, 2024, Waterloo, Ontario, Canada.
 10. Chow, R., Baker, S., Mo, S., Bugos, J.A., Alain, C., & **Rosenbaum, R.S.** (2024). Mismatch negativity and late discriminative negativity to violations of abstract regularities across the lifespan. Poster presented at the Southern Ontario Neuroscience Association (SONA) Conference, May 3, 2024, Waterloo, Ontario, Canada.
 11. Lauzon, C., Yassa, M., & **Rosenbaum, R.S.** (2024). Impaired pattern separation is enhanced by positive emotion. Paper presented at the Annual Meeting of the Cognitive Neuroscience Society, April 2024, Toronto, ON, Canada.
 12. Marawi, T., Sewell, I.J., Gopinath, G., Lauzon, C., Giacobbe, P., Nestor, S.M., Black, S.E., Lipsman, N., Goubran, M., Köhler, S., **Rosenbaum, R.S.**, Rabin, J.S. (2024). Self-report anterograde and retrograde memory outcomes following electroconvulsive therapy in adults with major depressive disorder. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, April 2024, Toronto, ON, Canada.
 13. Mitchnick, K., **Rosenbaum, R.S.**, & Winters, B.D. (2024). Object, tactile, and spatial oddity judgements are impaired in DG-compromised rats but enhanced in CA1-compromised rats. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, April 2024, Toronto, ON, Canada.
 14. Terao, C. M., Halilova, J. G., Fynes-Clinton, S., Addis, D.R., & **Rosenbaum, R.S.** (2024). Reducing biases in decision-making in the COVID-19 pandemic. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, April 2024, Toronto, ON, Canada.
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 16. Chow, R., Bugos, J.A., Mo, S., **Rosenbaum, R.S.**, & Alain C. (2024). Music Training is Associated with Enhanced Mismatch Negativity and Precision in Auditory Memory in Aging. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, April 2024, Toronto, ON, Canada.
 17. Terao, C.M., Barense, M. D., & Rosenbaum, R. S. (2024). Perceptual discrimination following lesions to hippocampal vs. thalamic brain regions. Poster to be presented at the International Neuropsychological Society Annual Conference, New York City, NY, USA, February 14-17, 2024.
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21. Mitchnick, K., **Rosenbaum, R.S.**, & Winters, B.D. (2023). Object, tactile, and spatial oddity judgements are impaired in DG-compromised rats but enhanced in CA1-compromised rats. Poster presented at The New VISTAs in Vision Research Vision Research Conference, Toronto, Ontario, Canada, December 4-7, 2023.
22. Chow, R., Baker, S., Herman, D., Mo, S., Bugos, J.A., Alain, C., **Rosenbaum, R.S.** (2023). Mismatch negativity as an index of auditory pattern separation in aging. Poster to be presented at The New VISTAs in Vision Research Vision Research Conference, Toronto, Ontario, Canada, December 4-7, 2023.
23. Halilova, J.G., Fynes-Clinton, S., Terao, C., Addis, D.R., & **Rosenbaum, R.S.** (2023). Delay discounting predicts COVID-19 vaccine booster hesitancy. Paper presented at the Canadian Society for Brain Behaviour and Cognitive Science (BBCS), July 2023, University of Guelph, Guelph, ON.
24. Li, A., Arrieta, M., Mikha, S., & **Rosenbaum, R.S.** (2023). Learning transfer in virtual and real-life navigation training during COVID-19. Poster presented at the Society for Applied Research on Memory and Cognition (SARMAC), Nagoya, Japan, August 9-12, 2023.
25. Li, A., Lei, X., Gilboa, A., & **Rosenbaum, R.S.** (2023). Impoverished detail with preserved schematic spatial knowledge of remote and recent environments in patients with medial temporal and fornix lesions. Poster presented at the International Neuropsychological Society Annual Mid-Year Conference, July 6-9, 2023, Taipei, Taiwan.
26. Davis, O., Tippet, L.J., **Rosenbaum, R.S.**, & Addis, D.R. (2023). How does episodic and semantic autobiographical memory contribute to self-continuity? Evidence of preserved narrative identity over time in episodic amnesia. Poster presented at the Special Interest Conference on Narrative Identity, June 29-30, 2023, Lille, France.
27. Chow, R., Baker, S., Herman, D., Mo, M., Bugos, J.A., Alain, C., **Rosenbaum, R.S.** (2023). Mismatch negativity contributes to auditory mnemonic discrimination in aging. Poster presented at the 17th Annual Meeting of the Canadian Association for Neuroscience (CAN), May 28-31, Montreal, QC.
28. Arrieta, M., Li, A., Levine, B., & **Rosenbaum, R.S.** (2023). Contribution of individual differences in imagery to episodic memory and spatial navigation. Poster presented at the Convention of the Canadian Psychological Association, June 23-25, 2023, Toronto, ON.
29. Orlando, M., & **Rosenbaum, R.S.** (2023). Testing the limits of boundary extension. Poster presented at the Convention of the Canadian Psychological Association, June 23-25, 2023, Toronto, ON.
30. Lauzon, C., Yassa, M., & **Rosenbaum, R.S.** (2023). Impaired pattern separation is enhanced by positive emotion. Poster presented at the Convention of the Canadian Psychological Association, June 23-25, 2023, Toronto, ON.
31. Orlando, M., & **Rosenbaum, R.S.** (2023). Effect of real-world experience on lab-based scene memory. Paper presented at the Annual Meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 16, 2023.
32. Mitchnick, K.A., **Rosenbaum, R.S.**, & Winter, B. (2023). Object, tactile, and spatial oddity judgments are impaired in DG-compromised rats but enhanced in CA1-compromised rats. Poster at the 2023 International Conference on Learning and Memory Conference, April 26-30, 2023, Huntington Beach, CA, USA.
33. Chow, R., Baker, S., Herman, D., Cazes, J., Alain, C., & **Rosenbaum, R.S.** (2023). Individual differences in mismatch negativity predict mnemonic discrimination. Poster presented at the 2023 International Conference on Learning and Memory Conference, April 26-30, 2023, Huntington Beach, CA, USA.
34. Lauzon, C., Yassa, M., & **Rosenbaum, R.S.** (2023). Impaired pattern separation is enhanced by positive emotion. Data Blitz Talk and Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society, April 27-29, 2023, Santa Barbara, CA.

35. Terao, C., Pishdadian, S., Moscovitch, M., & **Rosenbaum, R.S.** (2023). Untangling subjective and objective memory in aging: The effects of strategy use and gender differences on associative memory performance. Paper to be presented at the International Neuropsychological Society Annual Conference, February 1-4, 2023, San Diego, CA, USA.
36. Halilova, J.G., Fynes-Clinton, S., Green, L., Myerson, J., Ruggeri, K., & **Rosenbaum, R.S.** (2022). Short-sighted decision-making among the COVID-19 unvaccinated. "Snapshot" (5-minute talk) presented at the Convention of the Canadian Psychological Association, June 17-19, 2022, Calgary, AB.
37. Halilova, J.G., Valtchanov, D., & **Rosenbaum, R.S.** (2022). Workplace learning before and during COVID-19 in essential workers. Poster presented at the Convention of the Canadian Psychological Association, June 17-19, 2022, Calgary, AB.
38. Lauzon, C., Chiasso, D., Baker, S., Ciaramelli, E., & **Rosenbaum, R.S.** (2022). Role of the ventromedial prefrontal cortex in mnemonic discrimination. Poster presented at the Conference on Vision Research: From Picture to Reality, From Observer to Agent, June 6-9, 2022, Toronto, ON.
39. Lei, X., & **Rosenbaum, R.S.** (2022). The influence of navigational experience on boundary effects in spatial memory. Poster presented at the Conference on Vision Research: From Picture to Reality, From Observer to Agent, June 6-9, 2022, Toronto, ON.
40. Li, A., Arrieta, M., & **Rosenbaum, R.S.** (2022). Contribution of individual differences in imagery to episodic memory and spatial navigation. Poster presented at the Conference on Vision Research: From Picture to Reality, From Observer to Agent, June 6-9, 2022, Toronto, ON.
41. Mitchnick, K.A., & **Rosenbaum, R.S.** (2022). The dentate gyrus subregion of the hippocampus is involved in perceptual discrimination: Insights from dentate gyrus- and CA1-lesion case studies. Poster presented at the Conference on Vision Research: From Picture to Reality, From Observer to Agent, June 6-9, 2022, Toronto, ON.
42. Pishdadian, S., Coutrot, A., Hornberger, M., Spiers, H.J., & **Rosenbaum, R.S.** (2022). Big data meet deep data: Characterizing spatial navigation in hippocampal amnesia. Poster presented at the Conference on Vision Research: From Picture to Reality, From Observer to Agent, June 6-9, 2022, Toronto, ON.
43. Halilova, J.G., Fynes-Clinton, S., Green, L., Myerson, J., Ruggeri, K., Addis, D.R., & **Rosenbaum R.S.** (2022). Short-sighted decision-making among the COVID-19 unvaccinated. Poster presented at the APS Annual Convention, May 26 - 29, 2022, in Chicago, USA.
44. Mitchnick, K.A., & **Rosenbaum, R.S.** Assessing perceptual discrimination integrity based on patterns of performance on neuropsychological tests: Insights from dentate gyrus- and CA1-lesion cases. Paper presented at the Annual Meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 19, 2022.
45. Lauzon, C., Baker, S., & **Rosenbaum, R.S.** (2022). The role of the ventromedial prefrontal cortex mnemonic discrimination. Poster presented at the 29th Annual Meeting of the Cognitive Neuroscience Society, April 23-26, 2022, San Francisco, CA, USA.
46. Li, A., Arrieta, M., & **Rosenbaum, R.S.** (2022). Contribution of individual differences in imagery to episodic memory and spatial navigation. Poster presented at the 29th Annual Meeting of the Cognitive Neuroscience Society, April 23-26, 2022, San Francisco, CA, USA.
47. Freud, E., Di Giammarino, D., Stajduhar, A., **Rosenbaum, R.S.**, Avidan, G., & Ganel, T. (2022). Recognition of masked faces in the era of the pandemic: No improvement, despite extensive, natural

- exposure. Poster to be presented at the 29th Annual Meeting of the Cognitive Neuroscience Society, April 23-26, 2022, San Francisco, CA, USA.
48. Mok, J.N.Y., Chan, R., Rajkumar, A., Ciaramelli, E., & **Rosenbaum, R.S.** (2022). Evaluating probability discounting with and without episodic cues following lesions to the ventromedial prefrontal cortex and medial temporal lobes. Poster presented at the 29th Annual Meeting of the Cognitive Neuroscience Society, April 23-26, 2022, San Francisco, CA, USA.
 49. Mitchnick, K.A., Pishdadian, S., & **Rosenbaum, R.S.** (2022). Co-opting Neuropsychological Measures to Assess Pattern Separation and Perceptual Discrimination: Insights from hippocampal amnesia. Poster presented at the International Neuropsychological Society Annual Conference, February 2-5, 2022, New Orleans, LA, USA (virtual).
 50. Pishdadian, S., Moscovitch, M., & **Rosenbaum, R.S.** (2022). Subjective memory and spatial abilities in patients with hippocampal amnesia. Poster presented at the International Neuropsychological Society Annual Conference, February 2-5, 2022, New Orleans, LA, USA (virtual).
 51. Lauzon, C., Baker, S., & **Rosenbaum, R.S.** (2021). Influence of the Ventromedial Prefrontal Cortex on Mnemonic Discrimination. Poster presented at the Meeting of the Psychonomic Society, November 4-7, 2021, New Orleans, LA, USA (virtual).
 52. Stajduhar, A., Ganel, T., Avidan, G., **Rosenbaum, R.S.**, & Freud, E. (2021). When better is worse: Better face recognizers are more susceptible to the effect of face masks. Poster presented at the Annual Meeting of the Vision Sciences Society, May 21-26, 2021 (virtual).
 53. Davis, O.M., Tippet, R., **Rosenbaum, R.S.**, & Addis, D.R. (2021). Episodic and semantic contributions to the self-concept in episodic amnesia. Poster presented at the Annual Rotman Research Institute Conference, Toronto, ON, March 22-26, 2021 (virtual).
 54. Amestoy, M.E., Aloysius, R., Zarie, A., **Rosenbaum, R.S.**, Liu, Z.X., & Ryan, J.D. (2021). Eye movements facilitate detail generation and vividness in the mental navigation of familiar routes. Poster presented at the 28th Annual Meeting of the Cognitive Neuroscience Society, March 13-16, 2021 (virtual).
 55. Aloysius, R., Amestoy, M.E., Lee, A.C.H., **Rosenbaum, R.S.**, Liu, Z.X., & Ryan, J.D. (2021). Eye movements facilitate construction and subsequent recall of scenes. Poster presented at the 28th Annual Meeting of the Cognitive Neuroscience Society, March 13-16, 2021 (virtual).
 56. Aashat, S., **Rosenbaum, R.S.**, & Ryan, J.D. (2021). Unitization: Potential roles for the dentate gyrus and precuneus. Poster presented at the 28th Annual Meeting of the Cognitive Neuroscience Society, March 13-16, 2021 (virtual).
 57. Pishdadian, S., Coutrot, A., Hornberger, M., Spiers, H., & **Rosenbaum, R.S.** (2021). Big data meet deep data: characterizing spatial navigation in hippocampal amnesia. Poster presented at the 28th Annual Meeting of the Cognitive Neuroscience Society, March 13-16, 2021 (virtual).
 58. Moscovitch, M., Ziegler, M., Liu, Z.X., Arsenault, J., Dang, C., Grady, C.L., & **Rosenbaum, R.S.** (2021). Does pattern separation/magnitude estimation operate on information recovered from remote long-term memory? Modulation of activation along the long axis of the hippocampus, parahippocampal and retrosplenial cortex during spatial distance and object size judgements. Poster presented at the Society for Neuroscience Global Connectome Virtual Meeting, January 11-13, 2021.
 59. 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 presented at the 12th

- Federation of European Neuroscience Societies (FENS) Forum of Neuroscience, July 11-15, 2020, Glasgow, UK.
60. 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. Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
 61. Hong, B., Chang, M., **Rosenbaum, R.S.**, & Barense, M.D. (2020). Replay of novel spatial routes improves navigation in older adults. Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
 62. Herman, D., Baker, S., Cazes, J., Alain, C., & **Rosenbaum, R.S.** (2020). Mismatch negativity (MMN) predicts mnemonic specificity: A new metric for auditory pattern. Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
 63. 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. Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
 64. 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? Poster presented at the 27th Annual Meeting of the Cognitive Neuroscience Society, May 2-5, 2020, Boston, MA (virtual).
 65. 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 presented at the Cognitive Aging Conference, April 16-19, 2020, Atlanta, GA.
 66. 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 presented at the Cognitive Aging Conference, April 16-19, 2020, Atlanta, GA.
 67. 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 presented at the 30th Rotman Research Institute Conference, March 9-11, 2020, Toronto, ON.
 68. 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 presented at the 4th biennial GIS in Education and Research Conference, March 4-5, 2020, University of Toronto, Toronto, ON.
 69. 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.
 70. 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.
 71. Liu, Z.X., **Rosenbaum, R.S.**, & Ryan, J.D. (2019). The hippocampus supports binding of visual information across gaze fixations. Paper presented at the 20th Annual European Conference on Eye Movements, Alicante, Spain, August 18-22, 2019.
 72. Halilova, J., & **Rosenbaum, R.S.** (2019). Affective forecasting in older adults. Paper 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.
 73. Mok, J.N.Y., 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.

74. 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.
75. Baker, S., & **Rosenbaum, R.S.** Does pattern separation operate across modality, representation, and/or cognitive process? Paper presented at the meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 14, 2024.
76. 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.
77. Pishdadian, S., & **Rosenbaum, R.S.** (2018). Does pattern separation operate on prior knowledge. Paper presented at the Annual Meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 15, 2018.
78. 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.
79. 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.
80. 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
81. 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 presented at the 47th Annual Society for Neuroscience Conference, November 11-15, Washington, DC.
82. 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.
83. 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 presented at the International Neuropsychological Society Annual Mid-Year Conference, Cape Town, South Africa, July 2017.
84. 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.
85. Mok, J.N.Y., & **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.
86. Carson, N., & **Rosenbaum, R.S.** (2017). The self-reference effect: A technique for improving memory in healthy aging and amnesic mild cognitive impairment. Paper presented at the meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 2, 2017.

87. Mok, J.N.Y., & **Rosenbaum, R.S.** (2017). Is it *time*? Examining the effects of episodic imagining on reward discounting. Paper presented at the meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 2, 2017.
88. 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.
89. **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.
90. 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.
91. 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.
92. 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.
93. 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.
94. 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.
95. 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.
96. 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.
97. 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.
98. Kim, A.S.N., & **Rosenbaum, R.S.** (2016). Electrophysiological correlates of the spacing effect: a multivariate ERP investigation. Paper presented at the meeting of the Toronto Area Memory Group (TAMeG), Toronto, Ontario, Canada, May 10, 2016.
99. 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.

100. 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.
101. **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.
102. 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.
103. 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.
104. 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.
105. 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.
106. 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.
107. 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
108. 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.
109. 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, Carleton University, Ottawa, ON.
110. 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.
111. 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.
112. 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.
113. 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.

114. 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.
 115. 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.
 116. 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.
 117. 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.
 118. 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.
 119. 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.
 120. 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.
 121. D'Angelo, M.C., Kacollja, A., Smith, V.M., Rabin, J.S., Zhang, F., Binns, M.A., **Rosenbaum, R.S.**, Barense, 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.
 122. 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.
 123. 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.
 124. 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
125. 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.
 126. 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.

127. 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.
128. 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.
129. 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.
130. 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.
131. 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.
132. **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
133. 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
134. 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.
135. 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.
136. 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.
137. 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.
138. 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.
139. 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.

140. 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.
141. 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.
142. 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.
143. 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.
144. 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.
145. 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.
146. 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.
147. 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.
148. 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)
149. 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.
150. 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.
151. 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.
152. 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.
153. 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.
154. 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.

155. 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.
156. 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.
157. 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.
158. 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.
159. 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.
160. 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.
161. 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
162. 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.
163. 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
164. 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.
165. 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.
166. 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.
167. 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.
168. 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.

169. 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.
170. 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.
171. 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.
172. 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.
173. **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.
174. **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.
175. **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.
176. **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.
177. **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)
178. **Rosenbaum, 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.
179. 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.
180. **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.
181. **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.
182. **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.
183. 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 provincial, national, and international conferences

1. *From Cognitive maps to spatial gists and schemas: Insights from patient-lesion and neuroimaging studies*. Symposium on The Determinants of Memory Networks in Animals and Humans. Spring Hippocampal Research Conference, May 19, 2025, Verona, Italy.
2. *Optimizing future health and financial decision-making: Lessons from and for aging*. Center for Vital Longevity Seminar Series, The University of Texas at Dallas, January 27, 2025, Dallas, Texas.
3. Panel on *The Future of Future Thinking: Toward and Integrated Science of Prospective Cognition*. Leading Edge Workshop, Psychonomic Society, New York, USA, November 21, 2024.
4. Dissociations in future thinking: Insights from aging and amnesia. Symposium on *The Current State of Research on Future-Oriented Cognition*. Leading Edge Workshop, Psychonomic Society, New York, USA, November 21, 2024.
5. Chow, R., Bugos, J.A., Mo, S., **Rosenbaum, R.S.**, & Alain C. (2024). *Music training mitigates age-related changes in mismatch negativity and precision in auditory memory*. Symposium on Music and Neuroplasticity in Aging: Sensory Connections to Cognition. Society for Music Perception and Cognition (SMPC) Conference. Banff, Alberta, CA, July 25-28, 2024.
6. *What determines the role of the hippocampus in (remote) spatial memory?* Center for Research and Education in Navigation (CRANE) Conference, Georgia Tech, Atlanta, Georgia, USA, May 15, 2024.
7. Panel on *How do we define cognitive maps?* Center for Research and Education in Navigation (CRANE) Conference, Georgia Tech, Atlanta, Georgia, USA, May 15, 2024.
8. *Hippocampal contributions to perception and memory*. Featured talk, Southern Ontario Neuroscience Association (SONA), Wilfred Laurier University, Waterloo, Ontario, May 3, 2024.
9. *Do complex neuropsychological cases advance memory theory? The legacy of K.C.* Invited Symposium, “Endel Tulving and the Modern Science of Memory” (Chairs: Schacter, D.L., & Addis, D.R.). Invited symposium at the 31st Annual Cognitive Neuroscience Society Meeting, Toronto, Canada, April 13-16, 2024.
10. *Impaired and enhanced perceptual discrimination in rodents and humans following dentate gyrus vs. CA1 subfield compromise*. Meeting of the Memory Disorders Research Society, UCLA, Los Angeles, California, USA, September 2023.
11. Understanding vaccine compliance: Insight from the behavioral sciences. Mathematics for Public Health (MfPH) Workshop on Endemic COVID-19: Mathematical Insights. Fields Institute of Mathematics, Toronto, ON, January 26, 2022.
12. Delay discounting during COVID-19. Symposium on *Future Thinking in the Time of COVID-19*, Meeting of the Memory Disorders Research Society, virtual, September 2021.
13. Dissociations in future thinking: Insights from aging and focal lesion patients. *Time and Memory*. Workshop in Philosophy (virtual), July 26-29, 2021.
14. Panel on *Translating vision research into the market: challenges and opportunities*. VISTA Innovation and Technology Symposium (virtual), December 7, 2020.
15. Panel on *Coping with COVID*. Celebration of Excellence and Engagement, Royal Society of Canada (virtual), November 23, 2020.
16. *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.
17. *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.

18. *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.
19. 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.
20. *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.
21. *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.
22. *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.
23. *Pattern separation operates across modality, representation, and cognitive process*. Annual meeting of the Memory Disorders Research Society, Toronto, ON, October 3-6, 2018.
24. *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.
25. *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.
26. *Do complex neurological cases advance memory theory?* Conference in Honour of Endel Tulving’s 90th birthday. Toronto, ON, May 27, 2017.
27. *A case study approach to understanding memory*. Early Research Career Award address, International Neuropsychological Society Annual Conference, February 1-4, 2017, New Orleans, LA.
28. *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.
29. *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.
30. *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.
31. *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.
32. *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.
33. *What does the hippocampus do?* Young Investigator Award talk, 7th Annual Canadian Association for Neuroscience (CAN) Meeting, Toronto, ON, May 21-24, 2013.
34. *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.
35. *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.

36. *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.
37. *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.
38. *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.
39. *Decision-making in amnesia*. Kathleen McDermott lab meeting, Department of Psychology, Washington University, St. Louis, MI, February 24, 2010.
40. *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.
41. *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.
42. *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.
43. *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. *Hippocampal contributions to precision in perception and memory*. Centre for Integrative and Applied Neuroscience (CIAN) Seminar Series, York University, December 6, 2024.
2. *Dissociations in future thinking: insights from aging and amnesia*. Cognitive Science Speaker Series, York University, November 13, 2024.
3. *Understanding the neural basis of risk-based decisions*. Risk and Insurance Studies Centre (RISC) Colloquium, York University, November 7, 2024.
4. *Assessing and improving engagement in protective behaviours during COVID-19*. Interdisciplinary Pandemic-Research Seminar, York University, June 11, 2024.
5. *Debate: Is memory continuous with imagination?* NYU Center for Mind, Brain, and Consciousness, New York, USA, May 9, 2022.
6. *Re-examining age-related memory decline: a deep data approach*. Department of Psychology, Toronto Metropolitan University, Toronto, Ontario, May 6, 2022.
7. *Future thinking in aging and age-related disease*. YU-Care Aging Research Collaboratory, York University, March 3, 2022.
8. *Delay discounting during COVID-19*. Office of Behavioural Science (BeSciO), Public Health Agency of Canada (virtual), December 13, 2021.
9. *Delay discounting predicts financial hardship and maladaptive health behaviours during COVID-19*. Public Health Risk Sciences Division, Public Health Agency of Canada. November 23, 2021
10. *Dissociations in spatial memory: Insights from hippocampal amnesia*. Centre for Developmental Cognitive Neuroscience (CDCN), University College London, London, UK, May 17, 2021.
11. *Contributions of episodic memory to the self*. Rotman Research Rounds, Toronto, Ontario, November 18, 2019.
12. *Contributions of episodic memory to future thinking and decision-making*. Memory Seminar, University College London, London, UK, January 29, 2019.
13. *Pattern separation operates on pre-experimentally familiar representations*. Centre for Vision Research Retreat, Drake Hotel, Toronto, ON, September 27, 2018.

14. *When past meets future: The effects of episodic memory loss on future thinking and decision making.* University of Bologna, Bologna, Italy, July 9, 2018.
15. *Pattern separation operates across modality, representation, and cognitive process.* University of Arizona Colloquium, Tucson, AZ, April 27, 2018.
16. *Re-examining the role of the hippocampus in spatial memory.* Psychology, Neuroscience, and Behaviour (PNB) Colloquium, McMaster University, March 1, 2018.
17. *Vision in the medial temporal lobe.* Centre for Vision Research Retreat, Drake Hotel, Toronto, ON, October 17, 2017.
18. *Hippocampal contributions to future thinking and decision making.* Behavior, Brain, and Cognition Seminar, Washington University, St. Louis, MI, December 7, 2016.
19. *Visual discrimination in the hippocampal memory system.* Centre for Vision Research Retreat, Glendon College, York University, September 16, 2016.
20. *Simulating the real world to understand the neural basis of spatial memory and navigation.* Cognition / Perception Seminar Series, McMaster University, December 5, 2014.
21. *Changing the fate of memory in healthy and pathological aging.* Health Psychology Seminar, York University, Toronto, Ontario, November 10, 2014.
22. *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.
23. *What does the hippocampus do? Insights from patients and neuroimaging.* Department of Biology, York University, September 22, 2014.
24. *Hippocampal contributions to future thinking and decision making.* Neuroscience Seminar Series. Université de Montréal, April 11, 2014.
25. *Hippocampal contributions to spatial and temporal aspects of episodic and semantic memory* Ebbinghaus Empire Series. Department of Psychology, University of Toronto, November 20, 2013.
26. *Examining the relationship between memory and social cognition with neuroimaging.* Imaging Rounds, Toronto Western Hospital, June 19, 2012.
27. *Understanding hippocampal amnesia: Findings from patient and neuroimaging studies.* Psychology Colloquium, University of Toronto Mississauga. Toronto, ON. January 30, 2012.
28. *Understanding episodic amnesia: Evidence from patient and neuroimaging studies.* Research Rounds, Rotman Research Institute, Baycrest, October 4, 2010.
29. *Episodic memory: The past, present, and future.* Cognitive Science Speaker Series, York University, November 25, 2009.
30. *Do patient and fMRI studies tell the same story? The case of 'mental displacement.'* Imaging Rounds, Toronto Western Hospital, May 26, 2009.
31. *The cognitive neuroscience of remote memory.* Neuroscience Seminar Series, Neuroscience Diploma Program, York University, April 28, 2009.
32. *Patient and neuroimaging studies of current and future thinking.* Neuroscience Sunnybrook Health Sciences Centre, Toronto, March 5, 2009.
33. *Episodic memory contributions to temporal distance judgments.* Research Rounds, Rotman Research Institute, Baycrest, March 2, 2009.
34. *Functional and neural correlates of episodic memory.* Sunnybrook-Baycrest Neurosciences Research Day, Sunnybrook Health Sciences Centre, Toronto, January 8, 2009.
35. *Do patient and fMRI studies tell the same story? The case of 'mental displacement.'* Psychology In-House Conference, Glendon College, York University, April 2008.
36. *Detailed vs. schematic representations in memory.* Research Rounds, Department of Psychology, Baycrest, September 2007.

PROFESSIONAL SERVICE

Editorial positions

2023-	Editorial Board, Brain Research
2023-	Section Editor (Memory), Neuropsychologia
2021-2023	Editorial Advisory Board, Neuropsychologia
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

2024-	Councillor, Southern Ontario Neuroscience Association (SONA; chapter of the Society for Neuroscience)
2023-	Member, Steering Committee of the Center for Research and Education in Navigation (CRaNE; international)
2023-	Member, Conference of Brain Science Leaders, Canadian Brain Research Strategy (CBRS)
2021-2024	Member (elected), Executive Committee of the Memory Disorders Research Society (MDRS; international)
2014-2021	Member (elected), College of New Scholars, Artists, and Scientists of the Royal Society of Canada (inaugural cohort)
2014-	Fellow (elected), Psychonomic Society (international)
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 (international)
2005-2006	Associate Member, Heart and Stroke Foundation of Ontario Centre for Stroke Recovery
2004-2005	Member, Program Committee, 33 rd 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

2023-	Member, Conference of Brain Science Leaders, Canadian Brain Research Strategy (CBRS)
2015-2019	Member, Board of Trustees, Ontario Science Centre (Ontario Ministry of Tourism, Culture, and Sport public appointment)

Major consultations

Grant Review Panel

2019-2021	Member, Canadian Institutes of Health Research (CIHR) BSC Committee
2017-2018	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), 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

2024 *Predicting and encouraging compliance with public health measures during COVID-19.* Beneva Insurance, July 9, 2024.
 2024 *Vision in the medial temporal lobe.* CVR Summer School, June 2024.
 2023 *Vision in the medial temporal lobe.* CVR Summer School, June 2023.
 2022 *Senate awards information session.* York University Research Commons, October 18, 2022.
 2022 *Dissociations in spatial memory: Insights from hippocampal amnesia.* CVR Summer School, July 21, 2022.
 2021 *Dissociations in spatial memory: Insights from hippocampal amnesia.* CVR Summer School, July 7, 2021.
 2020 *Interactions between perception and memory.* CVR Summer School, July 7, 2020.
 2019 *Vision in the medial temporal lobe.* CVR Summer School, June 4, 2019.
 2019 *HippoCompass: AI-driven solutions to help older adults find their way in new and old environments.* Spatial Navigation Workshop, VISTA, February 13, 2019.

- 2018 *Memory and vision*. CVR Summer School, June 2018.
- 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

- 2026 Chair, Canadian Society for Brain Behaviour and Cognitive Science (CSBBCS) Annual Conference, Toronto, ON, June 2026.
- 2025 Chair, Connected Minds Conference (inaugural) on “Connected Minds: Neural and Machine Systems for a Healthy, Just Society,” with J. Elder (Co-Chair), Toronto, ON, October 6-10, 2025.
- 2025 Member, Organizing Committee, VISTA-CIAN-CVR conference on “VISTA 2025: The Brain and Integrative Vision” (D. Henriques and J. Schall, Co-Chairs), June 16-19, 2025.
- 2015- Co-Organizer, Annual Toronto Area Memory Group (TAMeG), with B. Levine (Chair), M. Barense, M.P. McAndrews, Toronto, ON.
- 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. Facilitator (invited), Panel on *AI Equity and Representation: Building inclusive and ethical systems for health and well-being*, Connected Minds Research Retreat, Toronto, Ontario, Canada, February 28, 2025.
2. Chair (invited), Panel on *Body, Brain, and Beyond: AI, Health, and NeuroTech*, Conference on Bracing for Impact with Connected Minds: Shaping the AI Challenge for a Healthy, Just Society, Toronto, Ontario, Canada, March 7, 2024.
3. Co-Chair (invited), Symposium on *Visual Cognition*, The New VISTAs in Vision Research Vision Research Conference, Toronto, Ontario, Canada, December 4-7, 2023.
4. Co-Chair (invited), Symposium on *Space Perception*, Conference on Vision Research, From Picture to Reality, From Observer to Agent, June 6-9, 2022, Toronto, ON.
5. Chair (invited), Symposium on *Future Thinking in the Time of COVID-19*, Meeting of the Memory Disorders Research Society, virtual, September 2021.
6. 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.
7. 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.
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. Faculty Mentor (invited), CIHR Summer Program in Aging, Toronto, ON, May 5-9, 2013.
10. 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.

11. 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.
12. 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 / KNOWLEDGE MOBILIZATION

Television, radio, and online video/blogs

1. World media attention: Stajduhar et al. (2022) on masked face recognition in children (non-exhaustive list):
 - a. *CityNews Kitchener*, March 3, 2022, “Children struggle more than adults to recognize masked faces” (interview with Paul Herriot)
 - b. *Bill Kelly Show, Global News*, March 2, 2022, “Children struggle more than adults to recognize masked faces”
2. World media attention: Freud et al. (2021) on face perception in the era of COVID-19 (nonexhaustive list, coverage from over 50 news outlet):
 - a. *The Nature of Things – CBC* (2022)
 - b. *The National – CBC* (2021) (<https://www.cbc.ca/player/play/1858682947761/>)
3. *CBC Metro Morning*, February 2, 2021, “This neuroscientist says there’s good reason why every day feels like Groundhog Day” (interview with Ismaila Alfa)
4. *CBC Ontario Morning*, February 2, 2021, “COVID-19 and Groundhog Day” (interview with Mary Ito)
5. *CTV News*, September 16, 2020, “Socializing amid COVID” (interview with Merella Fernandez)
6. *MSN News*, September 9, 2020, “What is face blindness? Mask use might be making it harder for you to recognize people” (Claire Gillespie)
7. *CTV News*, July 26, 2020, “Tracking time during the COVID-19 pandemic: How social isolation affects your mind and ability to remember details” (interview with Angie Seth)
8. *KCBS News Radio San Francisco*, May 21, 2020, “Why The Last Two Months Have Felt Like ‘Groundhog Day’” (interview with Susan Leigh Taylor)
9. *Research2Reality*, Summer and Fall 2018
10. *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)
11. *CBC Radio Metro Morning with Matt Galloway*, October 4, 2012, Interview / commentary on “Toronto police need help identifying mystery woman with amnesia”
12. *CBC News at 6*, October 4, 2012, Interview / commentary on “Toronto police need help identifying mystery woman with amnesia” (by Nil Koksai)
13. *Citytv News*, October 20, 2009, “Use it or lose it” (commentary on the effects of GPS on navigational ability)

Public Lectures

1. *How memory changes with age*. Adena-Hanesse, CHW (virtual), March 17, 2025.
2. *Memory and decision-making in the time of COVID-19*. York University Scholars Hub, December 9, 2020.
3. *Women in STEM*. Greenwood College School, March 30, 2020.

4. *How memory changes with age*. York University Scholars Hub, Vaughan Public Library, November 23, 2018.
5. *Helping our aging brain*. Amica's Helping Hands Gala, November 10, 2017.
6. Table host, RCIS Science Gala dinner, April 20, 2017.
7. *How memory changes with age*. Seniors Month keynote address, Toronto Public Library (North York Central), June 15, 2016.
8. Introductory remarks (invited), opening weekend screening of *A Beautiful Planet*. Shoppers Drugmart Omnimax Theatre, Ontario Science Centre, May 1, 2016.
9. *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.
10. 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.
11. *Inside the aging brain: An old story*. Special lecture of the Ontario Science Centre Brain Exhibit, Toronto, ON, February 19, 2015.
12. *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. Science Magazine, November 2, 2023, "Rats can imagine places they have never visited," Expert commentary on: Lai, C., Tanaka, S., Harris, T. D., & Lee, A. K. (2023). Volitional activation of remote place representations with a hippocampal brain-machine interface. *Science (New York, N.Y.)*, 382(6670), 566–573. <https://doi.org/10.1126/science.adh5206> (interview with Catherine Offord).
2. APS Observer, Up-and-Coming Voices, "Discounting of Delayed Rewards Predicts Engaging in Public Health Measures (PHMs) during COVID-19," May-June 2023.
3. Research Infosource: Canada's Innovation Leader's Supplement in the National Post, Montreal Gazette, University Affairs, and Hill Times, March 3, 2022.
4. World media attention: Stajduhar et al. (2022) on masked face recognition in children (non-exhaustive list):
 - a. The National – CBC (2021) - www.cbc.ca/news/technology/children-masks-languagespeech-faces-1.5948037
 - b. City News (2022) - <https://toronto.citynews.ca/video/2022/02/08/york-u-study-finds-kids-have-trouble-recognizing-faces-behind-masks/>
 - c. Fox News (2022) - <https://www.foxnews.com/us/children-arent-as-good-at-recognizing-masked-faces-as-adults-study-finds>
5. World media attention: Freud et al. (2021) on face perception in the era of COVID-19 (nonexhaustive list, coverage from over 50 news outlets):
 - a. The New-York Times (2020) (<https://www.nytimes.com/2020/08/31/health/covid-masks-face-blindness.html>) o The Cut (2020) (<https://www.thecut.com/2020/09/covid-masks-make-facial-recognition-difficult.html>)
 - b. US news (2020; <https://www.usnews.com/news/health-news/articles/2020-12-30/masks-do-make-faces-harder-to-recognize-study-shows>)
6. APS Observer, November 2018, "Cattell fund projects include explorations of sensory processes, memory"

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

7. BBC Future, August 7, 2018, “Hormones and memory” (by Zaria Gorvett)
8. Cognitive Neuroscience Society, CNS Blog, July 11, 2017, “Linking words and memories: how we remember the structure of things” (by Lisa M.P. Munoz)
9. New Scientist, November 5, 2014, “Imposter disorder explains how man’s wife was ‘stolen’”
10. Discover Magazine, April 3, 2014, “Time rolls on, even without memory” (Neuroskeptic blog)
11. Canadian Press, April 1, 2014, “Toronto amnesiac whose case helped rewrite chapters of the book on memory dies” (by Helen Branswell)
12. The Toronto Star, April 1, 2014 “Toronto amnesiac whose case helped rewrite chapters of the book on memory dies”
13. CTVnews.ca, April 1, 2014, “Famed Canadian amnesiac Kent Cochrane dies at 62”
14. cbc.ca, April 2, 2014, “Kent Cochrane, Famed Toronto amnesiac in medical texts, dies”
15. The Globe and Mail, April 3, 2014, “One of the world’s most studied minds”
16. 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)
17. 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)
18. Star Dispatches, The Toronto Star, November 2012, Expert commentary on “Linda’s story: Inside the mysterious world of amnesia” (by Sandro Contenta)
19. Canadian Press, March, 5, 2012, “Tech tools help North Bay woman navigate life where memories are hard to make” (by Helen Branswell)
20. Huffington Post, March 5, 2012, “North Bay woman’s amnesia helped by tech tools”
21. Globe and Mail, March 8, 2012, “Lessons from a very rare brain”
22. APA Monitor on Psychology, May 2010, American Psychological Association, Personalities Profile.
23. New York Times, March 2, 2010, Announcement of the 2010 Sloan Research Fellows.
24. Washington University Record, February 25, 2010, “Man with two-second memory subject of scholarly debate”
25. National Post, December 19, 2009, “Total Recall” (Series on memory and amnesia by Joseph Brean)
26. National Post, December 18, 2009, “Memory: Is it what makes us human?” (by Joseph Brean)
27. YorkU Magazine, “Memory bank: Unlocking the mystery of the hippocampus”
28. YorkU Magazine, October 2008, “Spotless minds”
29. World media attention: Rosenbaum et al., 2007, Science, 318, 1257 (non-exhaustive list, coverage from over 25 news outlets):
 - a. Canadian Press, November 22, 2007
 - b. CBC News, Science and Technology, November 22, 2007, “Ability to read others' emotions can withstand memory loss, study suggests”
 - c. The Toronto Star, November 23, 2007, “Amnesiacs' social skills unimpaired”
 - d. Yahoo.ca, Health headline, November 23, 2007, “Episodic memory not needed to be able to put self into the shoes of others: study”
 - e. Yahoo India, News, November 24, 2007, “People with autobiographical memory loss still sensitive to others”
 - f. Science and Consciousness Review, November 26, 2007, “Is theory of mind dependent on episodic memory?”
 - g. USA Today, Health, November 29, 2007, “Memory loss may not mean loss of sensitivity to others”
 - h. United Press International, November 23, 2007, “Memory not the only tie that binds”
 - i. CTV News, Health, November 23, 2007, “Toronto-area amnesic helps neuroscience”
30. The Toronto Star, November 2007, Expert commentary on living with amnesia, “No time but the present”

31. 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).
32. 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

- | | |
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| 2025- | NSERC PromoScience (Co-Applicant), “Risk education and literacy for Canadian high-school students: A focus on empowering black youth,” with E. Furman (PI), I. Ferrara, J. Ganapathi, H. Joe, S. Lin, F. Yang, R. Zitikis, \$286,200 |
| 2024-2027 | Connected Minds Research Stipend (PI), \$225,000 |
| 2024-2026 | Connected Minds Seed Grant (Co-Investigator), “Between Alzheimer’s and War: The Struggle for Intimate and Social Memory in Yarumal, Colombia,” with D. Elliott (PI) & Lina Pinto Garcia, \$75,000. |
| 2024 | NSERC Research Tools and Instruments Grant (Co-Applicant), “Display calibration for virtual and augmented reality,” with R. Murray (PI), J. DeSouza, J. Elder, K. Kar, J. Schall, N. Troje, & L. Wilcox, \$148,410. |
| 2023-2030 | Canada First Research Excellence Fund (Co-Applicant; Vice Director), “Connected Minds: Neural and Machine Systems for a Healthy, Just Society,” with J.D. Crawford (PI), S. Hillier, G. D’Agostino, G. Blohm, R. Allison, C. Donnelly, J. Elder, D. Elliott, & L. Levin, \$318,400,000 (\$212,400,000 cash and in-kind), CFREF Grant #CFREF-2022-00010 |
| 2023-2028 | NSERC and Mitacs Alliance Option 1 and Accelerate Cluster (Co-Applicant), “New order of risk management: Theory and applications in the era of systemic risk,” with E. Furman (PI), H. Joe, X.S. Lin, R. Zitikis, S.M. Pesenti, I. Ferrara, F. Yang, J. Cao, D. Matten, \$10,757,246 (\$5,538,166 cash, \$5,219,080 in-kind) |
| 2023-2025 | Vision: Science to Applications (VISTA) Research Grant (PI), “Characterizing visual discrimination integrity in obstructive sleep apnea,” with E. Freud, J.S. Rabin, M. Goubron, M. Boulos, \$50,000 |
| 2023 | Canada Foundation for Innovation (CFI), John R. Evans Leaders Fund (PI), “REIL: Realistic Environment Interaction Logistics,” with J. Elder and E. Freud (co-Applicants), \$351,684 |
| 2021-2026 | Natural Sciences and Engineering Research Council, Discovery Grant (PI), “Behavioural and neuroimaging approaches to understanding the neurocognitive basis of real-world spatial navigation,” \$325,000, RGPIN-2021-40335 |
| 2020-2021 | MITACS Research Training Award (PhD student: Steven Baker), \$6,000 |
| 2020-2021 | MITACS Accelerate COVID-19 Research Training Award (PhD student: Julia Halilova), \$30,000 |
| 2020-2021 | Natural Sciences and Engineering Research Council, Alliance COVID-19 Grant (PI), “Using big data to chart workplace learning during COVID-19,” with J. Wu, A. Curry (Axonify), and N. Ogden (Public Health Agency of Canada), \$49,991 |
| 2020-2021 | Canadian Institutes of Health Research, Canadian 2019 Novel Coronavirus (COVID-19) Rapid Research Funding Opportunity Operating Grant (PI), “Decision-making in the time of COVID-19,” with D.R. Addis, E. Ciaramelli, L. Green, J. Myerson, J.H. Wu, S. Fynes-Clinton, A. Curry (Axonify), and N. Ogden (Public Health Agency of Canada), \$120,075 |

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
2020	Vision: Science to Applications (VISTA) COVID-19 Accelerator Research Grant (PI), “Using vision to enhance workplace learning during COVID-19,” with J. Wu, A. Curry (Axonify), and N. Ogden (Public Health Agency of Canada), \$8,000.
2020	Vision: Science to Applications (VISTA) COVID-19 Accelerator Research Grant (co-applicant), “Behind the mask – the effect of face masks on perception and memory,” with E. Freud (PI), G. Avidan, and T. Ganel, \$8,000.
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, \$120,000,000 (\$88,000,000 cash and in-kind), CFREF- 2015-00013
2016-2021	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
2015-2021	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)
2008-2013	New Investigator Award, Canadian Institutes of Health Research, \$300,000
2008-2009	Donald T. Stuss Award for Research Excellence, Baycrest Health Sciences, \$10,000

- 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

- 2023-2025 Beneva Insurance and Faculty of Health, York University, Collaborative and/or Community-Based Research Seed Grant (PI), “Contributions of anxiety and delay discounting to compliance with COVID-19 public health measures,” with D.R. Addis, E. Ciaramelli, K. Ruggeri, J. Wu, \$35,000
- 2022-2025 Office of the Vice President Research and Innovation, Catalyzing Interdisciplinary Research Clusters grant (co-PI), “Translating Brain Signals Across Scales, Species, Sex, and Lifespan,” with J. Schall (PI), \$525,000
- 2022-2025 Office of the Vice President Research and Innovation, Catalyzing Interdisciplinary Research Clusters grant (co-applicant; executive committee), “Integrating Technologies and Policies for Control of Infectious Diseases,” with S. Krylov (PI), J. Kong, J. Chen, J. Wu, A. Mawani, A. Boyae Belle, C. El Morr, S. Moghadas, R. da Silveira Gorman, T. Mazzulli, V. Kulasigam, \$525,000
- 2022 Faculty of Health, York University, Minor Research Grant (PI), “Examining the nature and extent of impaired perception and memory in obstructive sleep apnea,” \$3,000
- 2021-2024 Office of the Vice President Research and Innovation, Catalyzing Interdisciplinary Research Clusters grant (Health Lead), “AI Systems: Engineering, Governance, and Society,” with J. Elder (co-PI), G. D’Agonstino (co-PI), M. Litoiu (co-PI), P. Srikantha (Smart Cities Lead), A. An, M. Brubaker, M. Jamal, Z. Jiang, H. Khazaei, M. Nayebe, J. Obar, J. Orbinski, J. Pybus, L. Sergio, G. Sohn, I. Stedman, R. Urner, P. Wang, J. Zylberberg, \$525,000
- 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, \$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

Primary supervision:

Undergraduate Honours thesis: 27 completed
 Undergraduate Independent Reading: 13 completed; 1 in progress
 NSERC USRA students: 12 completed
 MA: 18 completed (4 visiting), 2 in progress, 1 incoming
 PhD: 10 completed, 4 in progress
 Postdoctoral: 5 completed; 1 in progress
 High school co-op students: 2 completed
 Research assistants: 29 completed; 1 in progress
 Volunteers: 32 completed; 2 in progress

Co-supervision:

Undergraduate Honours thesis: 6 completed
 MA: 3 completed
 Postdoctoral: 5 completed, 1 in progress

Committee membership:

MA: 12 completed, 2 in progress
 MSc: 2 completed
 PhD: 11 completed

Supervision – Other:

Academic Breadth Paper: 19 completed
 Comprehensive Examination (Cognate): 4 completed
 Clinical Competency Examination: 11 completed
 Predoctoral Interns (Clinical Neuropsychology): 2 completed

External examiner:

PhD: 6 completed; 1 in progress

Internal/external examiner:

PhD: 1 completed

Guest lectures in other courses

Undergraduate: 7
 Graduate: 1

Guest lectures at other institutions

Undergraduate: 3
 Graduate: 2

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

2025	Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2022 (x2)	Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2021	Seminar in Memory and Cognition, HH/PSYC 4270 3.0
2020	Seminar in Memory and Cognition, HH/PSYC 4270 3.0
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

Honours thesis supervisions/co-supervisions

*honours and awards

2023-2024	Syeda Jabeen, Thesis Title: “Investigating the effects of scene congruence on scene memory”
2023-2024	Shubhangi Joshi, Thesis Title: “Investigating the effects of episodic future thinking on delay discounting of rewards and losses”
2021-2022	Vanessa Mpiana, Thesis Title: “Influence of episodic future thinking on delay discounting of rewards during COVID-19”
2020-2021	Azin Dastpak, Thesis Title: “The relationship between intolerance of uncertainty and delay discounting of rewards and losses in individuals with obsessive compulsive symptoms”
2020-2021	Shana Wiseberg (current: Speech-Language Pathology, University of Toronto)
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” (Family Medicine 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
2018-2019	Anna Waisman, Thesis Title: “Route descriptions of a familiar environment in amnesic Mild Cognitive Impairment” (current: MA program, 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: PhD program, Psychology, University of Toronto; received MA, 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” (received 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: Psychiatry resident; received MD, 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 Soliski, 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

Independent reading courses directed

2024-2025	Janvi Lakhanpal, Course title: “Visual appearance and spatial navigation”
2022-2023	Sarah Mikha
2022-2023	Syeda Jabeen
2022-2023	Caitlin Terao
2020-2021	Maria Arrieta
2017-2018	Yarden Levy, Course title: “Neural mechanisms of pattern separation” (current: PhD program, Psychology, McMaster University)
2017-2018	Anna Wasiman, Course title: “Episodic memory for spatial routes” (current: MA program, Psychology, York University)
2017-2018	Yasha Amani, Course title: “Using Google Street View to study spatial memory and navigation in aging” (current: dental school, University of Toronto)
2017-2018	Nick Hoang, Course title: “Auditory pattern separation in young and older adults” (current: PhD program, Psychology, University of Toronto)
2016-2017	Gyulnara (Julia) Khalilova, Course title: “Examining the impact bias in affective forecasting without episodic future imagining” (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: Psychiatry residency; received: MD, Northern Ontario School of Medicine; received MA, Psychology and Neuroscience, York University)

NSERC Undergraduate Summer Research Award (USRA) supervisions

2023	Caitlin Terao, Psychology, Project Title: Uncovering the role of the dentate gyrus in perception and learning through obstructive sleep apnea” (current: lab manager, York University; accepted to MA/PhD program in Clinical Neuropsychology at San Diego State University-University of California San Diego)
2019	Anna Waisman, Psychology, Project Title: “Remote spatial memory in aMCI” (current: PhD program, Psychology, York University)
2017	Gyulnara (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 Nasser, 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)

Centre for Vision Research (CVR) Fellow supervisions

- 2022 Caitlin Terao, Psychology
- 2022 Syeda Jabeen, Psychology

Lab managers and research assistants (paid positions) supervisions

- 2024- Sarah Mikha, Lab Manager
- 2023-2024 Caitlin Terao, Lab Manager
- 2023-2024 Isma Akram, RAY student
- 2023 Shaya Samet, Summer Research Assistant
- 2021 Maria Arrieta, Lab Manager
- 2021 Irving Waisman, Programmer
- 2020 Shana Wiseberg, RAY student
- 2020 Brielle Bossin, Summer Research Assistant (Wilfred Laurier University)
- 2020 Kate Goltz, Summer Research Assistant (McMaster University)
- 2019-2020 Azin Dastpak (RAY student)
- 2019-2020 Anna Waisman, Research Assistant
- 2019-2021 Roni Chan (RAY student)
- 2019 Linda Nguyen (RAY student)
- 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

2024- Maya Bloom
 2024- Aivien Mangahas
 2023-2024 Janvi Lakhanpal
 2023-2024 Dena Salmoon
 2021-2024 Sarah Mikha
 2021-2023 Syeda Jabeen
 2021-2022 Fatimah Iftikhar
 2021-2022 Caitlin Terao
 2021-2022 Maxym Yerkeyev
 2020-2021 Andrea (Drea) Rajkumar
 2020-2021 Maria Arrieta
 2019-2022 Lauren Webber
 2019-2020 Gwyneth Campbell
 2019-2020 Shana Wiseberg
 2018-2020 Maria Orlando
 2018-2019 Roni Chan
 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

2024-2025 Divya Shah, Biology, York University (primary supervisor: Kohitij Kar)
 2023-2024 Ram Ahuja, Biology, York University (primary supervisor: Kohitij Kar)
 *Association of Graduate Students in the Biological Sciences (AGSBS) Honours Thesis Award
 2021-2022 Tishani Thiviyakumar, Biology, York University (primary supervisor: Jeff Schall)
 2020-2021 Andreja Stadjuhar, Psychology, York University (primary supervisor: Erez Freud)

- (current: PhD program, Psychology, University of Toronto)
- 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

- 2023 GS/PSYC 6230 3.0 Human Neuropsychology: History and Syndromes
- 2020 GS/PSYC 6230 3.0 Human Neuropsychology: History and Syndromes
- 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

- 2025- Shaya Samet, Psychology (Clinical Neuropsychology)
- 2024- Nardeen Yalda, Psychology (Clinical Neuropsychology)
- 2023-2025 Toluwanimi Faromika, Psychology (Clinical Neuropsychology)
- **NSERC Master's Award
- **Heart and Stroke-CIHR Black Scholar's Award
- **VISTA Master's Award
- 2023 Francesco Bucciarelli, Visiting Student, Psychology, University of Bologna, Bologna, Italy
- 2022-2024 Maxym Yerkeyev, Psychology (BBCS), Thesis title: Behavioural and eye tracking studies of masked people recognizing masked faces (co-supervisor: Erez Freud)
- 2022 Federico Fornaciari, Visiting Student, Psychology, University of Bologna, Bologna, Italy, Thesis title: The effects of prior knowledge on scene recognition (co-supervisor: Elisa Ciaramelli)
- 2022 Daniel Chiasso, Visiting Student, Psychology, University of Bologna, Bologna, Italy, Thesis title: "The role of ventromedial prefrontal cortex (vmPFC) in visual pattern separation" (co-supervisor: Elisa Ciaramelli)
- 2021-2023 Maria Orlando, Psychology (BBCS), Thesis title: "Boundary extension and compression: the effects of familiarity and aging"
- **VISTA Master's Award
- 2021-2023 Ricky Chow, Psychology (Clinical Neuropsychology): Thesis title: "Mismatch negativity predicts memory in aging"
- **NSERC Master's Award
- **VISTA Master's Award

- 2020-2022 Claire Lauzon, Psychology (Clinical Neuropsychology), Thesis title: “Hippocampal vs. ventromedial prefrontal cortex contributions to pattern separation”
 **VISTA Master’s Award
 **Ian P. Howard Family Foundation Graduate Scholarship
- 2018-2020 Delaram Farzanfar, Psychology (Clinical Neuropsychology), Thesis title: “The effects of changes to well-known environments on spatial schemas”
 *recipient of the Canadian Psychological Association Award of Academic Excellence for MA thesis; nominated by the Department of Psychology in the university-wide thesis prize competition
 **NSERC Master’s Award
 **VISTA Master’s Award
- 2017-2019 Julia Halilova, Psychology (Clinical Neuropsychology), Thesis title: “Temporal self-appraisal in developmental amnesia”
 **NSERC Master’s Award
 **Ontario Graduate Scholarship
- 2016-2018 Sara Pishdadian, Psychology (Clinical Neuropsychology)
 **CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)
 **Ontario Graduate Scholarship
- 2016 Violetta Knyagnytska, Visiting Student, Psychology, 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 (Clinical Neuropsychology), 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 (Clinical Neuropsychology), 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 (Clinical Neuropsychology), 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 (Clinical Neuropsychology), 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 (Clinical Neuropsychology), 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 (BBCS), 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 (Clinical Neuropsychology), Thesis Title: “Episodic memory contributions to temporal distance judgments”
 *recipient of the Canadian Psychological Association Award of Academic Excellence for MA thesis
 **CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)
- 2007-2009 Jennifer Rabin, Psychology (Clinical Neuropsychology), 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 university-wide thesis prize competition
 **CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (\$17,500)
 **Heart and Stroke Foundation Focus on Stroke Master’s Award (\$18,500)

Committees

- 2023- William Fisher, Psychology (Primary Supervisors: Buddhika Bellana, Andrée-Ann Cyr)
- 2023- Felicia Tassone, Psychology (Primary Supervisor: Erez Freud)
- 2021-2023 Katie Benitah, Psychology (Primary Supervisor: Kristina Gicas)
- 2020-2022 Anna Waisman, Psychology, Thesis title: “Autobiographical memory specificity in chronic postsurgical pain” (Primary Supervisor: Joel Katz)
- 2020-2022 Helena Shizhe Wang, Psychology, Western University (Primary Supervisors: Laura Batterink, Stefan Köhler)
- 2019-2021 Tida Kian, Psychology (Primary Supervisor: Thanujeni Pathman)
- 2019-2021 Tasfia Ahsan, Psychology (Primary Supervisor: Erez Freud)
- 2019-2021 Miranda Too, Psychology (Primary Supervisor: Esther Greenglass)
- 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

- 2025 Matthew Macdonald-Dale, Psychology (Primary Supervisor: Jennifer Steeves)
- 2024 Shenoa Ragavaloo, Psychology (Primary Supervisor: Peter Kohler)
- 2021 Adina Levi, Psychology (Primary Supervisor: Gary Turner)

- 2018 Sara Rafique, Psychology (Primary Supervisor: Jennifer Steeves)
 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

- 2025- Toluwanimi Faromika, Psychology (Clinical Neuropsychology)
 **NSERC PGS (Doctoral) Award
- 2024- Audrey Li-Chay-Chung, Psychology (Clinical Neuropsychology), “Investigating the role of the cerebellum in episodic and spatial memory”
 *inaugural Kent Cochrane Award
 **NSERC PGS (Doctoral) Award
- 2023- Maria Orlando, Psychology (BBCS)
 2023- Ricky Chow, Psychology (Clinical Neuropsychology)
 *inaugural Dean’s Graduate Student Impact Award
 **NSERC PGS (Doctoral) Award
- 2022- Claire Lauzon, Psychology (Adult Clinical), Dissertation Title: “Examining the effects of electroconvulsive therapy on hippocampal subfield structure and function”
 *Regan Award for best MA thesis, Centre for Vision Research
 **NSERC PGS (Doctoral) Award
- 2019-2024 Julia Halilova, Psychology (Adult Clinical), “Memory and decision-making in the time of COVID-19”
 *Norman S. Endler Research Fellowship in Psychology for best MA thesis
 *Harvey Skinner Agents of Change Award
 *Outstanding Doctoral Research in Clinical Health Psychology Award
 **Ontario Graduate Scholarship
 **MITACS Accelerate COVID-19
 **NSERC PGS (Doctoral) Award
Current: Postdoctoral fellowship at NYU; completed clinical residency in Northern Ontario Clinical Consortium
- 2018-2023 Sara Pishdadian, Psychology (Clinical Neuropsychology), Dissertation Title: “Investigating spatial memory and navigation in aging and amnesic Mild Cognitive Impairment”
 *Soupcoff Research Grant
 *2020 CPA Clinical Neuropsychology Section Student Research Award
 *2021 Clinical Area Student Excellence (All-Around) Award
 *recipient of the York University PhD dissertation prize (university-wide)
 *nominated for the Canadian Association for Graduate Studies’ Proquest Distinguished Dissertation Award
 **NSERC PGS (Doctoral) Award
 **Ontario Graduate Scholarship
Current: Clinician-Scientist at CAMH; completed clinical residency in Clinical Psychology and Neuropsychology at The Ottawa Hospital
- 2018-2023 Krista Mitchnick, Psychology (Clinical Neuropsychology), Dissertation Title: “Human and rodent lesion investigations of hippocampal subfield contributions to perceptual discrimination”

- *nominated by the Department of Psychology in the university-wide thesis prize competition
- **recipient of an Elia Doctoral Scholarship, VISTA Award, and Ontario Graduate Scholarship
- **recipient of CPA Award of Excellence
- Current: Postdoctoral fellow at the Rotman Research Institute, Baycrest; completed clinical residency in Clinical Neuropsychology, London Health Sciences
- 2017-2022 Jenkin Mok, Psychology (Clinical Neuropsychology), Dissertation Title: “Hippocampal vs. ventromedial prefrontal cortex contributions to delay and probabilistic discounting”
- *recipient of Graham F. Reed Bursary
- *nominated by the Department of Psychology in the university-wide dissertation prize competition
- **NSERC CGS (Doctoral) Award
- **OGS Award
- Current: Clinical Neuropsychologist (supervised practice), Toronto Brain Health; completed clinical residency in Clinical Neuropsychology, London Health Sciences
- 2016-2022 Steven Baker, Psychology (Clinical Neuropsychology), Dissertation Title: “Understanding the nature, extent, and brain dynamics of deficient pattern separation.”
- *recipient of a VISTA Award
- *nominated for a PhD Dissertation Prize
- Current: Clinical Neuropsychologist (supervised practice), Toronto Brain Health; completed clinical health psychology residency, Neuropsychology Stream, University of Manitoba
- 2014-2019 Katie Herdman, Psychology (Clinical Neuropsychology), 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: The Ottawa Hospital and Ricci & Associates; completed clinical residency in Clinical Psychology and Neuropsychology at The Ottawa Hospital
- 2012-2018 Nicole Carson, Psychology (Clinical Neuropsychology), 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 and Toronto Brain Health; completed clinical residency in Clinical Neuropsychology at Vancouver Coastal
- 2010-2016 Donna Kwan, Psychology (Clinical Neuropsychology), Dissertation Title: “Future Decision-Making in Episodic Amnesia”
- **Heart and Stroke Foundation Focus on Stroke Doctoral Award (\$132,000 over 3 years)
- Current: Neuropsychology Lead, Ontario Neurodegenerative Disease Research Initiative (ONDRI); completed clinical residency in Clinical Neuropsychology at Rush University Medical Center
- 2009-2015 Jennifer Rabin, Psychology (Clinical Neuropsychology), Dissertation Title: “Patient and fMRI studies of imagining other people’s experiences”
- *recipient of the Canadian Psychological Association Award of Academic Excellence for PhD thesis; nominated by the Department of Psychology in the university-wide thesis prize competition
- *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; completed clinical residency 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 2025 International Neuropsychological Society Early Career Award

2005-2011 Lisa Zackheim, Psychology (Clinical Neuropsychology), Dissertation Title: “Studies of frontal versus temporoparietal contributions to theory of mind in focal- and multi-lesion patients” (current: Clinical Neuropsychologist)

Committees

2024- Tasfia Ahsan, Psychology (Primary Supervisor: Erez Freud)
 2022- Adina Levi, Psychology (Primary Supervisor: Gary Turner)
 2021-2023 Lina Dekker, Psychology (Supervisor: Thanujeni Pathman)
 2020- George Tomou, Psychology (Supervisor: Doug Crawford)
 2019-2021 Matthias Berkes, Psychology (Supervisor: Ellen Bialystok)
 2017-2019 Sang-Ah Yoo, Psychology (Co-supervisors: Maz Fallah and John Tsotsos)
 2014-2020 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

2020 Komal Shaikh, Psychology, Thesis Title: “Everyday impact of memory changes among older adults” (Primary Supervisor: Jill B. Rich)

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

Academic breadth paper and comprehensive examination (Cognate) committees

2024- Ricky Chow, Psychology
 2023-2024 Tamara Tavares, Psychology (Primary Supervisor: Mary Desrocher)

2019-2021	Giftly Asare, Psychology (Primary Supervisor: Mazyar Fallah)
2019-2020	Alica Rogojin, Kinesiology and Health Sciences (Primary Supervisor: Lauren Sergio)
2018-2019	Krista Mitchnick, Psychology
2018	Bianca Baltaretu, Biology (Primary Supervisor: Doug Crawford)
2018	Ahmed Hussin, Biology (Primary Supervisor: Kari Hoffman)
2016-2017	Katie Herdman, Psychology
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

Internal/External examiner

2021	Ben Winokur, Philosophy, Thesis Title: "Self-knowledge and first-person authority" (Primary Supervisor: Claudine E Verheggen)
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External examiner

2025	Azara Lalla, PhD Dissertation, Department of Psychology, McGill University (Supervisor: Signy Sheldon)
2021	Sarah Goodroe, PhD Dissertation, Institute of Behavioural Neuroscience, University College London, London, UK (Supervisor: Hugo Spiers)
2020	Cherie Strikwerda, PhD Dissertation, Department of Psychology, University of Sydney (Supervisor: Muireann Irish)
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

- 2024- Lina Pinto Garcia (primary supervisor: Denielle Elliott), Project Title: "Between Alzheimer's and War: The Struggle for Intimate and Social Memory In Yarumal, Colombia"
*Connected Minds postdoctoral fellowship
- 2023- Ezgi Fide, Project Title: "Computational and neuroimaging methods to decoding visual scene memorability"
- 2020- Adrienne Li, Project Title: "Clinical uses of immersive VR visual tasks for enhancing mental and neural health"
*VISTA postdoctoral fellowship
Current position: VISTA visiting fellow, Riken Centre for Brain Science, Saitama, Japan
- 2020-2023 Samuel Fynes-Clinton (co-supervisor: Donna Rose Addis), Project Title: "Investigating Future Thinking in the Time of COVID-19"
- 2020-2022 Xuehui Lei, Project Title: "Visual-based updating in human spatial navigation"
*VISTA postdoctoral fellowship
Current position: Industry (data analytics at Manulife Financial)
- 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: Associate 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)

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

Guest lectures in other courses

- 2021 NRSC 1001, Frontiers in Neuroscience, Neuroscience, October 19, 2021 (Coordinator: D. Henriques; Team taught)
- 2021 AP/HIST 1180, Making Money, History, January 2021 (Course Instructor: D. Koffman)
- 2020 NRSC 1001, Frontiers in Neuroscience, Neuroscience, November 2020 (Coordinator: D. Henriques; Team taught)
- 2020 Introduction to Cognitive Neuroscience, Psychology, Harvard University, September 16, 2020 (Course Instructors: Daniel Schacter and Liz Phelps)
- 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

- 2021 *CIHR Review Panel*, Speaker Panel, Research Training Centre, Baycrest, February 19, 2021.
- 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. Connected Minds: Neural and Machine Systems for a Healthy, Just Society Program, York University
2. AI and Society Organized Research Unit (ORU), York University
3. Centre for Integrative and Applied Neuroscience (CIAN) Organized Research Unit (ORU), York University
4. Vision: Science to Applications (VISTA) Program, York University
5. Clinical Neuropsychology Stream, Department of Psychology, York University
6. Neuroscience Graduate Diploma Program, York University
7. 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

2024-2027 Vice Director, Connected Minds: Neural and Machine Systems for a Healthy, Just Society, Canada First Research Excellence Fund

2023- Member, Leadership Committee, Connected Minds: Neural and Machine Systems for a Healthy, Just Society, Canada First Research Excellence Fund

2023-2024	Chair, Research Committee, Connected Minds: Neural and Machine Systems for a Healthy, Just Society, Canada First Research Excellence Fund
2023-2025	Director (inaugural, interim), Centre for Integrated and Applied Neuroscience (CIAN) Organized Research Unit, York University
2022-	Health Lead, Centre for AI and Society (CAIS) Organized Research Unit, York University
2022-2023	Associate Director, Centre for Integrated and Applied Neuroscience (CIAN) Organized Research Unit steering committee, York University
2021-2022 2021	Associate Director (Interim), Vision: Science to Applications (VISTA) Program Service Evaluation for Tenure and Promotions (advancement from pre-candidacy to candidacy), York University Libraries
2020-2022	Member, Senate, York University
2020-2022	Chair, Senate Awards Committee (Faculty of Health Representative)
2019-2020	Member, Senate Awards Committee (Faculty of Health Representative)
2019-	Member, Strategic Project and Opportunity Review Team (SPORT)
2019-2023	Chair, Performance Monitoring Committee, Vision: Science to Application (VISTA), Canada First Research Excellence Fund
2019-2023	Member, Strategic Research Committee, Vision: Science to Application (VISTA), Canada First Research Excellence Fund
2018-2022	Member, York University Artificial Intelligence and Society Task Force (Chairs: Pina D'Agostino and James Elder)
2016-2019	Chair, Partnership Committee, Vision: Science to Application (VISTA), Canada First Research Excellence Fund
2016-2019	Chair, Equity Diversity and Inclusion (EDI) Committee, Vision: Science to Application (VISTA), Canada First Research Excellence Fund
2016-2023	Member, Leadership Committee, Vision: Science to Application (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)

Faculty

2022	Member, Institutional Vanier CIHR Nomination Committee, Faculty of Graduate Studies
2020	Member, Institutional Vanier CIHR Nomination Committee, Faculty of Graduate Studies
2021-	Faculty Rater, OGS, NSERC, and CIHR MA and Doctoral awards, Faculty of Graduate Studies
2013-2017 2010	Member, Committee on Research and Awards, Faculty of Health Teaching Evaluation of Full-time Faculty Member for Tenure and Promotion, Kinesiology and Health Science
2010	Member, Panel Hearings for academic dishonesty cases, Faculty of Health
2008-2010	Chair, Committee on Examinations and Academic Standards, Faculty of Health

Graduate

2024-2025	Member, Hiring Committee, NSERC CRC (Tier II) in Indigenous Health
2024-2025	Member, Hiring Committee, Joint York-Baycrest position in Precision Neuroscience
2021-2023	Member, Faculty Advisory Committee, York University Psychology Clinic
2015-	Coordinator, Clinical Neuropsychology Rounds
2015-	Member, Awards Committee, Adult Clinical Area

2015-	Faculty Rater, OGS, NSERC, and CIHR MA and Doctoral awards (Department of Psychology)
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,	Member, Neuroscience Program Steering Committee
2015-	
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

2025	Member (appointed), Tenure and Promotion File Preparation Committee for Promotion to Full Professor (Dr. Gary Turner)
2023	Member (appointed), Tenure and Promotion Adjudication Committee (Dr. Liya Ma)
2022	Member (appointed), Tenure and Promotion File Preparation Committee for Candidacy (Dr. Jeffrey Wardell)
2022	Member (appointed), Tenure and Promotion File Preparation Committee for Tenure and Promotion to Associate Professor (Dr. Erez Freud)
2021	Member (appointed), Tenure and Promotion File Preparation Committee for Promotion to Full Professor (Dr. Christine Till)
2021	Member (appointed), Tenure and Promotion File Preparation Committee for Candidacy (Dr. Kristina Gicas)
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 Tenure and Promotion to Associate Professor (Dr. Dale Stevens)
2016	Member (selected), Tenure and Promotion File Preparation Committee for Promotion to Full Professor (Dr. Melody Wiseheart)
2017-2018	Chair, Vision Neuroimaging Hiring Committee
2016-2017	Chair, Vision Neuroimaging Hiring Committee
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

ExternalAcademic

- 2023 External Referee, US Permanent Residency (Outstanding Professor Research), Institute of Cognitive Science at University of Colorado, Boulder
- 2021 External Reviewer, Tenure and Promotions File (Associate Professor), Ryerson University, Canada
- 2020 External Reviewer, Tenure and Promotions File (Full Professor), University of Sydney
- 2020 External Reviewer, Tenure and Promotions File (Associate Professor), University of Arizona
- 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- 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 04/2025

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.