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Academic Career

Positions

- 2022 – present Senior Scientist
Rotman Research Institute, Baycrest
- 2016 – present Assistant Professor (*status-only*)
Department of Psychology, University of Toronto
- 2015 – 2022 Scientist
Rotman Research Institute, Baycrest
- 2009 – 2015 Postdoctoral Fellow, *Mentor: Dr. Jennifer Ryan*
Rotman Research Institute, Baycrest
- 2001 – 2004 Lab Manager, *Mentor: Dr. Karen F. Berman*
National Institutes of Mental Health, NIH

Education

- 2004-2009 Ph.D. in Psychology, *Mentor: Dr. Anthony D. Wagner*
Stanford University
- 1997-2001 B.S. (Hons) in Psychology, *Mentor: Dr. Lisa Eyler*
University of California, San Diego

Research funding

- 2022 National Institutes of Health (NIH) R01-AG070592, "A harmonized medial temporal lobe subregion segmentation protocol: an essential element for dementia research." (role: co-principal investigator). *NIH*, (\$3,461,114 USD).
- 2022 Canadian Institutes of Health Research (CIHR) Project Grant, "Associative memory across the adult lifespan: Neural mechanisms and a novel technique for remediation." (role: co-investigator, principal investigator: Karen Campbell). *CIHR*, (\$340,425 CAD).
- 2022 2022 University College London–University of Toronto Strategic Partner Funds for Project Revitalization and Scaling, "MRI angiography of the hippocampus at 3 and 7 tesla." (role: co-principal investigator). *University of Toronto & University College London*, (\$15,000 CAD)
- 2019 2019 University College London–University of Toronto Call for Joint Research Projects and Exchange Activities, "MRI angiography of the hippocampus at 3 and 7 tesla." (role: co-principal investigator). *University of Toronto & University College London*, (\$22,500 CAD).
- 2019 Canadian Institutes of Health Research (CIHR) Project Grant, "Evaluating eye-movement and brain imaging indicators that predict dementia in healthy older adults." (role: Principal investigator), *CIHR*, (\$546,975 CAD).
- 2018 Alzheimer Society Research Program New Investigator Grant, "Characterizing brain changes that predict the development of dementia in older adults." (role: Principal investigator), *Alzheimer Society of Canada*, (\$216,640 CAD).

- 2017 Stimulus grant, “Characterizing structural and functional brain changes that correlate with cognitive decline” at the University of Toronto’s NeuroImaging Facility, (role: Principal Investigator), *University of Toronto, Psychology Department*, (\$10,000 CAD, *declined*)
- 2017 Stimulus grant, “Exploring the neural mechanisms of reward-based retrospective memory enhancement in humans” at the University of Toronto’s NeuroImaging Facility, role: Co-Principal Investigator, *University of Toronto, Psychology Department*, (\$10,000 CAD, *declined*)
- 2017 Canadian Institutes of Health Research (CIHR) Project Grant, “Hippocampal-neocortical interactions and the precision of human memory in aging.” (role: co-applicant, principal investigator: Bradley Buchsbaum), *CIHR*, (\$315,378 CAD).
- 2017 Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Award, “Beyond the hippocampus: contributions of thalamic subregions to memory” (role: Primary Investigator), *NSERC*, (\$115,000 CAD)
- 2016 Working groups for harmonization and alignment in brain imaging methods for neurodegeneration (role: working group lead coordinator), *EU Joint Programme – Neurodegenerative Disease Research* (€50,000 EURO)
- 2016 Canadian Institutes of Health Research (CIHR) Project Grant, “Individual differences in autobiographical memory: cognitive, behavioural, and neural correlates and their relationship to aging” (role: co-applicant; principal investigator: Brian Levine), *CIHR*, (\$760,680 CAD).
- 2015 Mynne & Harold Soupcoff Fellowship (\$CAD 4,248)
- 2014 Early Phase Clinical Trials 2014: Neurodegenerative Diseases of Aging (role: co-applicant; Principal Applicant: Nathan Hermann), *Weston Brain Institute*, (\$1,499,998 CAD; *declined*)
- 2011 Jack and Rita Catherall Travel and Research Fund, *Baycrest*, (\$750 CAD)
- 2009 Jack and Rita Catherall Travel and Research Fund, *Baycrest*, (\$500 CAD)
- 2005 Graduate Fellowship, *National Science Foundation*, (\$122,500 USD)

Awards

- 2014 Laird Cermak Postdoctoral Travel Award, *Memory Disorders Research Society*, (\$CAD 500)
- 2013 Early Researcher Award, *Ontario Research Coalition of Research Institutes, Centres on Health and Aging*, (\$CAD 2,200)
- 2007 Undergraduate Research Award (mentor to award recipient) *Stanford University*, (\$USD 4000)
- 2001 Outstanding Undergraduate Research Award, *University of California, San Diego*
- 2001 Honors Program in Psychology Distinction, *University of California, San Diego*

Refereed papers

Published manuscripts

1. Parimoo, S, Choi, A, Iafrate L, Grady C, **Olsen RK**. (2022). Are older adults susceptible to visual distraction when targets and distractors are spatially separated? *Aging, Neuropsychology, and Cognition*, in press.
2. Gervais N, Gravelins L, Brown A, Reuben R, Karkaby L, Baker-Sullivan E, Mendoza L, Lauzon C, Almey A, Foulkes W, Bernadini M, Jacobson M, Velsher L, Rajah MN, **Olsen RK**, Grady C, Einstein G.

- (2022). Scene memory and hippocampal volume in middle-aged women with early hormone loss. *Neurobiology of Aging*, 117: 97-106.
3. Mazloum-Farzaghi N, Shing N, Mendoza L, Ryan JR, **Olsen RK**. (2022). Age-related differences in eye movements and facial memory. *Aging, Neuropsychology, and Cognition*, in press.
 4. Snytte J, Fenerci C, Rajagopal S, Beaudoin C, Hooper K, Sheldon S, **Olsen RK**, and Rajah MN. (2022). Medial temporal lobe structure mediates age-related differences in context memory performance, and relates to whole-brain patterns of task-related functional activity. *NeuroImage*, 254: 119164.
 5. Ladyka-Wojcik N, **Olsen RK**, Ryan JD, Barense MD (2021). Flexible use of spatial frames of reference for object-location memory in healthy aging. *Brain Sciences*. *Brain Sciences*, 11: 1542.
 6. Tzovara A, Amarreh I, Borghesani V, Chakravarty M, DuPre E, Grefkes C, Hugg A, Jollans L, Lee H, Newman S, **Olsen RK**, Ratnanather J, Rippon G, Uddin L, Vega M, Veldsman M, White T, Badhwar A. (2021). Embracing diversity and inclusivity in an academic setting: Insights from the Organization for Human Brain Mapping. *NeuroImage*, 229: 117742.
 7. Wisse L, Chételat G, Daugherty A, de Flores R, La Joie R, Mueller S, Stark C, Wang L, Yushkevich P, Berron, D, Raz, N, Bakker, A, **Olsen RK***, Carr V*. (2021). Hippocampal subfield volumetry from structural isotropic 1 mm³ MRI scans: A note of caution. *Human Brain Mapping*. 42: 539-550.
*equal contribution
 8. Geier KT, Buchsbaum B, Parimoo S, & **Olsen RK**. (2020). The role of anterior and medial dorsal thalamus in associative memory encoding and retrieval. *Neuropsychologia*, 148: 107623.
 9. Snytte J, Elshiekh A, Subramaniapillai S, Manning L, Pasvanis S, Devenyi GA, **Olsen RK**, & Rajah M. N. (2020). The ratio of posterior–anterior medial temporal lobe volumes predicts source memory performance in healthy young adults. *Hippocampus*. 30: 1209-1227.
 10. Taylor CM, Pritschet L, **Olsen RK**, Layher E, Santander T, Grafton ST, Jacobs EG. (2020). Progesterone shapes medial temporal lobe volume across the human menstrual cycle. *NeuroImage*. 220: 117125.
 11. Brunec, IK, Robin, J, **Olsen, RK**, Moscovitch, M., & Barense, MD. (2020). Integration and differentiation of hippocampal memory traces. *Neuroscience & Biobehavioral Reviews*. 118: 196-208.
 12. St-Laurent, M, Rosenbaum, RS, **Olsen, RK**, & Buchsbaum, BR. (2020). Representation of viewed and recalled film clips in patterns of brain activity in a person with developmental amnesia. *Neuropsychologia*. 142: 107436.
 13. **Olsen RK**, Robin J. (2020) Zooming in and out: The importance of precise anatomical characterization and broader network understanding of MRI data in human memory experiments. *Current Opinions in Behavioral Sciences*. 32: 57-64.
 14. **Olsen RK**, Carr VA, Daugherty AM, La Joie R, Amaral RSC, Amunts K, Augustinack JC, Bakker A, Berron D, Boccardi M, Bocchetta M, Burggren A, Chakravarty MM, Chetalat G, de Flores R, DeKraker J, Ding S-L, Geerlings MI, Huang Y, Insausti R, Johnson EG, Kanel P, Kedo O, Kennedy KM, Keresztes A, Lee JK, Mueller SG, Mulligan EM, Ofen N, Palombo DJ, Pasquini L, Pluta J, Raz N, Rodrigue KM, Schlichting ML, Shing Y, Stark CEL, Steve TA, Suthana NA, Wang L, Werkle-Bergner M, Yushkevich PA, Wisse LEM. on behalf of the Hippocampal Subfields Group (2019). Progress update from the Hippocampal Subfields Group. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. 13: 439-449.
 15. Robin J & **Olsen RK**. (2019). Scenes facilitate associative memory and integration. *Learning & Memory*. 26: 252-261.

16. Yeung L-K, **Olsen RK**, Hong B, Mihajlovic V, D'Angelo M, Kacollja A, Ryan JD, Barense MD. (2019) Object-in-Place Memory Predicted by Anterolateral Entorhinal Cortex and Parahippocampal Cortex Volume in Older Adults. *Journal of Cognitive Neuroscience*. 31: 711-729.
17. Rondina R II, **Olsen RK**, Li L, Meltzer JA, Ryan JD. (2019). Age-related changes to oscillatory dynamics during maintenance and retrieval in a relational memory task. *PlosOne*. 14: e0211851.
18. Robin J, Rai Y, Valli M, **Olsen RK**. (2019). Category specificity in the medial temporal lobe: a systematic review. *Hippocampus*. 29: 313-339.
19. Liu ZX, Shen K, **Olsen RK**, Ryan JD (2018) Age-related changes in the relationship between visual exploration and hippocampal activity. *Neuropsychologia*. 119: 81-91.
20. Wynn JS, **Olsen RK**, Binns MA, Buchsbaum BR, Ryan JD. (2018). Fixation reinstatement supports visuospatial memory in older adults. *Journal of Experimental Psychology: Human Perception and Performance*. 44: 1119-1127.
21. Palombo DJ, Bacopulos A, Amaral RSC, **Olsen RK**, Todd RM, Anderson AK, Levine B. (2018). Episodic autobiographical memory is associated with variation in the size of hippocampal subregions. *Hippocampus*. 28: 69-75.
22. **Olsen RK***, Yeung L-K*, Noly-Gandon A, D'Angelo MC, Kacollja A, Smith VS, Ryan JD, Barense, MD. (2017). Human anterolateral entorhinal cortex volumes are associated with cognitive decline in aging prior to clinical diagnosis. *Neurobiology of Aging*. 57: 195-205. * equal contribution
23. Yeung L-K, **Olsen RK**, Bild-Enkin H, D'Angelo MC, Kacollja A, McQuiggan D, Keshabyan A, Ryan, JD, Barense, MD. (2017). Anterolateral entorhinal cortex volume predicted by altered intra-item configural processing. *Journal of Neuroscience*. 37: 5527-5538.
24. Liu ZX, Shen K, **Olsen RK**, Ryan JD. (2017) Visual sampling predicts hippocampal activity. *The Journal of Neuroscience*, 37: 599-609.
25. Wisse LEM, Daugherty AM, **Olsen RK**, Berron D, Carr VA, Stark CEL, Amaral RSC, Amunts K, Augustinack JC, Bender AR, Bernstein JD, Boccardi M, Burggren A, Chakravarty MM, Chupin M, Ekstrom A, de Flores R, Insausti R, Kanel P, Kedo O, Kennedy KM, Kerchner GA, LaRocque K, Liu X, Maass A, Malykhin N, Mueller SG, Ofen N, Palombo DJ, Parekh MB, Pluta JB, Pruessner JC, Raz N, Rodrigue KM, Schoemaker D, Shafer AT, Steve TA, Suthana N, Wang L, Winterburn JL, Yassa MA, Yushkevich PA, La Joie R. (2017). A harmonized segmentation protocol for hippocampal and parahippocampal subregions: why do we need one and what are the key goals? *Hippocampus*. 27: 3-11
26. **Olsen RK**, Sebanayagam V, Lee Y, Moscovitch M, Grady CL, Rosenbaum R, Ryan JD. (2016). The relationship between eye movement repetition effects and recognition memory: evidence from amnesia and aging. *Cortex*. 85: 182-193.
27. Rabin JS, **Olsen RK**, Gilboa A, Buchsbaum BR, Rosenbaum RS. (2016) Using fMRI to understand event construction in developmental amnesia. *Neuropsychologia*. 90: 261-273.
28. Rondina R, **Olsen RK**, McQuiggan D, Fatima Z, Li L, Oziel E, Meltzer J, Ryan JD. (2015). Age-related changes to oscillatory dynamics in hippocampal and neocortical networks. *Neurobiology of Learning and Memory*. 134: 15-30.
29. **Olsen RK**, Lee Y, Kube J, Rosenbaum RS, Grady CL, Moscovitch, M, Ryan JD. (2015). The role of relational binding in item memory: evidence from face recognition in a case of developmental amnesia. *The Journal of Neuroscience*. 35: 5342-50.

30. **Olsen RK***, Pangelinan, MM*, Bogulski C, Chakravarty MM, Luk G, Grady C, Bialystock E. (2015). The effect of lifelong bilingualism on regional grey and white matter volume. *Brain Research*. 1612: 128-139. * equal contribution
31. Yushkevich PA, Amaral RSC, Augustinack JC, Bender AR, Bernstein JD, Boccardi M, Bocchetta M, Burggren AC, Carr VA, Chakravarty MM, Chételat G, Daugherty AM, Davachi L, Ding S-L, Ekstrom A, Geerlings MI, Hassan A, Huang Y, Iglesias JE, La Joie R, Kerchner GA, LaRocque KF, Libby LA, Malykhin N, Mueller SG, **Olsen RK**, Palombo DJ, Parekh MB, Pluta JB, Preston AR, Pruessner JC, Ranganath C, Raz N, Schlichting ML, Schoemaker D, Singh S, Stark CEL, Suthana N, Tomparly A, Turowski MM, Van Leemput K, Wagner AD, Wang L, Winterburn JL, Wisse LEM, Yassa MA, Zeineh MM. for the Hippocampal Subfields Group (HSG). Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: Towards a harmonized segmentation protocol (2015) *NeuroImage*. 111: 526-41.
32. Rosenbaum S, Gao FQ, Hunjo K, Raybaud C, **Olsen RK**, Palombo DJ, Levine B, Black S. (2014) Congenital absence of the mammillary bodies: a novel finding in a well-studied case of development amnesia. *Neuropsychologia*. 65: 82-7.
33. **Olsen RK**, Chiew M, Buchsbaum BR, Ryan JD. (2014). The relationship between delay period eye movements and visuospatial memory. *Journal of Vision*. 14: 1-8.
34. **Olsen RK**, Rondina R, Riggs L, Meltzer JA, Ryan JD. (2013) Hippocampal and neocortical oscillatory contributions to visuospatial binding and comparison. *Journal of Experimental Psychology: General*. 142: 1335-45.
35. **Olsen RK**, Palombo DJ, Rabin JS, Levine, B, Ryan JD, Rosenbaum, RS. (2013) Volumetric analysis of medial temporal lobe subregions in developmental amnesia using high-resolution magnetic resonance imaging. *Hippocampus*. 23: 855–860.
36. Palombo DJ, Amaral, RC, **Olsen RK**, Müller DJ, Todd RM, Anderson AK, Levine B. (2013) KIBRA polymorphism is associated with individual differences in hippocampal subregions: Evidence from anatomical segmentation using high resolution MRI. *The Journal of Neuroscience*. 33: 13088-13093.
37. **Olsen RK**, Moses SN, Riggs L, Ryan JD. (2012). The hippocampus supports multiple cognitive processes through relational binding and comparison. *Frontiers in Human Neuroscience*. 146: 1-13.
38. Rose NS, **Olsen RK**, Craik FIM, Rosenbaum RS. (2012). Working memory and amnesia: The role of stimulus novelty. *Neuropsychologia*. 50: 11-18.
39. Chen, J, **Olsen, RK**, Preston, AR, Glover, GH, Wagner, AD (2011). Associative retrieval processes in the human medial temporal lobe: Hippocampal retrieval success and CA1 mismatch detection *Learning and Memory*, 18: 523-528.
40. **Olsen RK**, Nichols EA, Chen J, Hunt JF, Glover GH, Gabrieli JDE, Wagner AD (2009). High-resolution fMRI of human medial temporal lobe reveals performance-related sustained and anticipatory activity during delayed-match-to-sample. *The Journal of Neuroscience*, 29: 11880-11890.
41. **Olsen RK**, Kippenhan JS, Japee S, Kohn P, Mervis CB, Saad ZS, Morris CA, Meyer-Lindenberg A, Berman KF (2009). Retinotopically defined primary visual cortex in Williams syndrome. *Brain*, 132: 635-644.
42. Buchsbaum BR, **Olsen RK**, Koch P, Berman KF. (2005) Human dorsal and ventral auditory streams subserve rehearsal-based and echoic processes during verbal working memory. *Neuron*, 48: 687-697.

43. Kippenhan JS, **Olsen RK**, Mervis CB, Morris CA, Kohn P, Meyer-Lindenberg A, Berman KF. (2005) Genetic contributions to human gyrification: sulcal morphometry in Williams syndrome. *The Journal of Neuroscience*, 25: 7840-7846.
44. Meyer-Lindenberg AS, **Olsen RK**, Kohn PD, Brown T, Egan MF, Weinberger DR, Berman KF. (2005) Regionally specific disturbance of dorsolateral prefrontal-hippocampal functional connectivity in schizophrenia. *Archives of General Psychiatry*, 62: 379-386.
45. Buchsbaum BR, **Olsen RK**, Koch PF, Kohn P, Kippenhan JS, Berman KF. (2005) Reading, hearing, and the planum temporale. *Neuroimage*, 24: 444-454.
46. Gerton BK, Brown TT, Meyer-Lindenberg A, Kohn P, Holt JL, **Olsen RK**, Berman KF. (2004) Shared and distinct neurophysiological components of the digits forward and backward tasks as revealed by functional neuroimaging. *Neuropsychologia*, 42: 1781-1787.
47. Meyer-Lindenberg A, Kohn P, Mervis CB, Kippenhan JS, **Olsen RK**, Morris CA, Berman KF. (2004) Neural basis of genetically determined visuospatial construction deficit in Williams syndrome. *Neuron*, 43: 623-631.
48. Eyster LT, **Olsen RK**, Jeste DV, Brown GG. (2004) Abnormal brain response of chronic schizophrenia patients despite normal performance during a visual vigilance task. *Psychiatry Research: Neuroimaging*, 130: 245-257.
49. Kindermann SS, Brown GG, Zorrilla LE, **Olsen RK**, Jeste DV. (2004) Spatial working memory among middle-aged and older patients with schizophrenia and volunteers using fMRI. *Schizophrenia Research*, 68: 203-216.

Manuscripts in preparation

1. **Olsen RK**, Buchsbaum BR, McQuiggan D, Ryan JD. (revision requested). Differential neural contributions to viewing changes across repetitions.
2. Parimoo S, Grady C, **Olsen RK**. (submitted). Distractor recognition following covert and overt memory encoding in healthy aging.
3. Valli M, Geier KG, Mikhail V, Mendoza L, Ryan JR, **Olsen RK**. (submitted). Viewer age and task goals affect face viewing and expressions of memory.
4. Kuhn T, Geier KT, **Olsen RK**, Heisz J. (submitted) The neural processes of memory in young adults relate to their physical activity and television viewing behavior.
5. Yu, L. Geier KT, Davidenko N, Drucker J, Wagner AD, Ryan JR, Buchsbaum BR, **Olsen RK**. (in preparation). The effect of eye movements on abstract object recognition and discrimination.
6. Jiang L, Shing N, Robin J, Ladyka-Wojcik N, Choi A, Ryan JD, Barense MD, **Olsen RK**, (in preparation). The association between visual discrimination and cognitive decline prior to clinical diagnosis.
7. Hoang N, **Olsen RK**, Buchsbaum BR (in preparation). The relationship between behavioural pattern separation and pattern completion.
8. Kulkarni M, Robin J, Choi A, Buchsbaum BR, **Olsen RK** (in preparation). Material specificity in the medial temporal lobe during associative inference.

Book chapters

1. **Olsen RK.** (2020). Publishing your research. In. L. Flores & J. Olcott (Eds.), *The Academic Handbook*, 4th edition.

Online writing media coverage

1. Olsen RK (2021, November 4) Interview by Dave McIvor. *CHQR Calgary* [Radio broadcast]. Global News Radio.
2. What to expect from the Diversity and Inclusivity Committee at the 2021 OHBM Annual Meeting. Retrieved from: <https://www.ohbmbrianmappingblog.com/blog/what-to-expect-from-the-diversity-and-inclusivity-committee-at-the-2021-ohbm-annual-meeting>
3. Data collection to support the advancement of diversity and Inclusivity at OHBM (2020). Retrieved from: <https://www.ohbmbrianmappingblog.com/blog/data-collection-to-support-advancement-of-diversity-and-inclusivity-at-ohbm>
4. Baycrest Matters: The effects of the COVID-19 pandemic on seniors' brain health (2020) Retrieved from: <https://t.co/bSpLfoTYFF?amp=1>
5. **Olsen RK.** (2019, August 17) Baycrest Brain Run. Interview by Arda Zakarian for *CP24 Live* [Television broadcast]. Toronto: CP24 Studios.
6. **Olsen RK.** (2018). Can the healthy brain offer clues to curing Alzheimer's? Retrieved from <https://theconversation.com/can-the-healthy-brain-offer-clues-to-curing-alzheimers-92732>
7. Dementia-related brain changes observed before memory or thinking problems are noticeable. (2017). Retrieved from <https://www.sciencedaily.com/releases/2017/05/170512140757.htm>
8. "Older and younger adults surf different brain waves." (2016). Retrieved from <https://www.sciencedaily.com/releases/2016/02/160208135447.htm>
9. "You use different brainwaves as you age." (2016). Retrieved from <https://www.iflscience.com/brain/older-and-younger-adults-use-different-brainwaves/>

Presentations as a Guest Speaker

Invited presentations

* Virtual presentation due to the COVID-19 pandemic

May 2022*	Understanding the aging brain: evidence from behavior, eye-tracking, and neuroimaging. Feindel Virtual Brain and Mind Seminar Series, Montreal, Canada.
March 2022*	Understanding the aging brain: insights from neuroimaging and eye-tracking. Center for Cognitive and Behavioral Brain Imaging, The Ohio State University, United States.
February 2022*	Zooming in and zooming out: the role of the extended hippocampal system (and beyond) in memory. Brain Mapping Seminar, University of Cardiff, United Kingdom.
November 2021*	Zooming In and Zooming Out: Memory and the Medial Temporal Lobe. Brain Meeting at the Wellcome Centre for Human Neuroimaging, London, United Kingdom.

- June 2021* Diversity Symposium: Racial Bias in Neuroscience (moderator).
- May 2021* Using brain imaging to detect and measure Alzheimer's disease. Women Friends of Baycrest Event.
- May 2021* Publishing your Research. Virtual book launch of "The Academic's Handbook" (4th edition).
- March 2021* Memory and the Brain 101 – Virtual talk to the High Park Rogue Runners' "Colborne Lodge Talk Series".
- March 2021* Can studying memory help us learn how to remember? Virtual "TedTalk" for the Students Association for the Michener Institute of Education at UHN.
- October 2020* Zooming In and Zooming Out: Recognition Memory and the Medial Temporal Lobe. McKnight Brain Institute Neuroscience Seminar, Gainesville, FL, United States.
- July 2020* Using high-resolution neuroimaging to understand how the medial temporal lobe supports different types of visual representations. Oral presentation at the Japan Society for Neuroscience Conference (Symposium title: "How much do we know about the human hippocampus? Bridging the gap between basic science and clinical medicine"). Kyoto, Japan.
- February 2020 The organization of visual representations in the medial temporal lobe. Oral presentation at the Rotman Research Institute Research Day, Toronto, ON, Canada.
- October 2019 What do eye movement repetition effects tell us about memory? Oral presentation at the annual meeting of the Memory Disorders Research Society Annual Meeting, New York, NY, USA.
- May 2019 Your eye (movements) are a window to your brain. Oral presentation at the Krembil Neuroimaging Rounds, Toronto Western Hospital, Toronto, ON, Canada.
- March 2019 Structural imaging biomarkers of dementia: challenges and proposed solutions. Oral presentation at the 2019 Rotman Research Institute conference, "Aging and Brain Health: Prevention and Early Detection of Dementia. Toronto, ON, Canada.
- June 2018 Under what conditions does the hippocampus contribute to the eye movement repetition effect? Oral presentation at the 2018 meeting of the International Society for Behavioural Neuroscience, Anchorage, AK, USA.
- April 2018 Non-invasive markers of early cognitive decline. Oral presentation and Symposium Chair at the UC Irvine 2018 International Conference on Learning and Memory (Symposium title: "New perspectives on episodic memory decline - from aging to neurodegeneration"). Huntington Beach, CA, USA.
- April 2018 Harmonization of hippocampal subfield segmentation. Oral presentation at the Joint Programme on Neurodegenerative Disease Working Group conference. Stockholm, Sweden.
- November 2017 Structural imaging biomarkers of neurodegeneration: challenges and proposed solutions. Oral presentation at the National Institutes of Health, Bethesda, MD, USA.
- November 2017 Harmonization of hippocampal subfield segmentation, Oral presentation at the "BigBrain Workshop: From open data to novel applications" at the Montreal Neurological Institute, QB, Canada.
- September 2017 My journey as a female scientist. Oral presentation for the University of Toronto chapter Scientista Foundation. Toronto, ON, Canada.
- March 2017 Medial temporal lobe measurements and cognitive decline. Oral presentation at the "Topological Methods in Brain Network Analysis" workshop. Banff International Research Station for Mathematical Innovation and Discovery. Banff, AB, Canada.

- November 2016 Volume reductions in the CA1 hippocampal subfield, perirhinal and anterolateral entorhinal cortices are associated with preclinical cognitive decline: implications for dementia screening. Oral presentation at the 46th annual Society for Neuroscience Meeting, San Diego, CA, USA.
- July 2016 How to form a research question. Oral presentation for visiting students from the Peking University Medical College, Bacyrest, Toronto, ON, Canada.
- April 2016 A harmonized protocol for hippocampal subfield segmentation: Motivation, working plan, and opportunities for advancement. Oral presentation at the Montreal Neurological Institute, QB, Canada.
- November 2015 Medial temporal lobe neuroanatomy and cortical segmentation. Oral presentation at the MRI Users meeting, Rotman Research Institute, Baycrest, Toronto, ON, Canada.
- November 2015 The representational nature of item memories. Oral presentation at the Ebbinghaus Seminar Series, University of Toronto, Toronto, ON, Canada.
- October 2015 Eye movement repetition effects do not require the hippocampus or explicit recognition. Oral presentation at 45th annual Society for Neuroscience meeting, Chicago, IL, USA.
- May 2015 Eye movement repetition effects do not require the hippocampus or explicit recognition. Oral presentation at the Toronto Western Research Imaging Rounds, Toronto, ON, USA.
- September 2014 Relational binding across space and time. Oral presentation in honour of receiving the Cermak travel award at the annual meeting of the Memory Disorders Research Society, Austin, TX, USA.
- August 2014 The representational nature of item memories: evidence from eye movements and functional neuroimaging. Oral presentation at the Rissman Memory Laboratory at University of California, Los Angeles, USA.
- February 2014 The role of the hippocampus in binding and comparison. Oral presentation at the Toronto Western Research Imaging Rounds, Toronto, ON, Canada.
- January 2013 Cognitive Neuroscience of Memory. Oral presentation at OCAD University, collaboration with Digital Illustration and Graphic Media students, Toronto, ON, Canada.
- November 2012 High-resolution structural and functional imaging of the medial temporal lobe. Oral presentation at the Mabott Laboratory, Neurosciences and Mental Health Research Division, Hospital for Sick Children, Toronto, ON, Canada.
- October 2012 Recognition memory for single items is impaired in hippocampal amnesia when faces are studied from multiple viewpoints. Oral presentation at the 42nd annual Society for Neuroscience Meeting, New Orleans, LA, USA.
- September 2012 Methods for studying learning and plasticity. Guest lecture for undergraduate course, Learning and Memory, University of Toronto, Toronto, ON, Canada.
- June 2012 Eye movements and memory. Oral presentation at the Stanford Memory Laboratory, Stanford, CA, USA.
- October 2009 The influence of study-test perceptual similarity on recognition memory: a high-resolution fMRI study. Oral Presentation at the 39th annual Society for Neuroscience Meeting, Chicago, IL, USA.
- November 2007 High Resolution fMRI of the medial temporal lobe during delayed-match-to-sample. Oral Presentation at the 37th annual Society for Neuroscience Meeting, San Diego, CA, USA.

September 2003 Visuoconstructive deficit in Williams syndrome: Functional neuroimaging of genetically determined cognitive dysfunction. Oral presentation at the 7th Annual NIMH Scientific Retreat, Gettysburg, PA, USA.

Non-invited presentations

June 2019 Can older adults use covert attention to protect their memory from distraction? Oral presentation at the 2019 meeting of the International Society for Behavioural Neuroscience, Taormina, Italy.

September 2018 Investigating the role of thalamic nuclei during memory encoding and retrieval. Oral presentation at the annual meeting of the Memory Disorders Research Society Annual Meeting, Toronto, ON, Canada.

November 2017 Update on harmonization efforts of the Hippocampal Subfield Working Group: Progress on boundary definitions within the hippocampal head. Oral presentation at the "Hippocampal Subfield Segmentation Summit," Washington, DC, USA.

September 2016 Medial temporal lobe subregion volume reductions are associated with preclinical cognitive decline. Oral presentation at the annual meeting of the Memory Disorders Research Society Annual Meeting, Princeton, NJ, USA.

May 2015 Medial temporal lobe contributions to eye movement repetition effects. Oral presentation at the 1st annual Toronto Area Memory Group, Toronto, ON, Canada.

February 2014 Exploring the relationship between eye movement and neural repetition effects. Oral presentation at Rotman Research Rounds, Toronto, ON, Canada.

September 2013 The role of the hippocampus in binding and comparison. Oral presentation at Rotman Research Rounds. Toronto, ON, Canada.

February 2012 Eye movements during the maintenance of spatial information. Oral presentation at the Ebbinghaus Empire seminar at the University of Toronto, Toronto, ON, Canada.

January 2012 An investigation of face repetition using simultaneous eye-tracking and fMRI. fMRI Rounds at Rotman Research Institute, Toronto, ON, Canada.

March 2010 High resolution fMRI of the medial temporal lobe during recognition memory. Oral presentation at Rotman Research Rounds. Toronto, ON, Canada.

November 2008 The influence of study-test perceptual similarity on recognition memory: behavioral and neural correlates. Oral presentation at the Friday Cognitive Seminar at Stanford University, Stanford, CA, USA.

August 2007 High Resolution fMRI of the medial temporal lobe during delayed-match-to-sample. Oral presentation at the 4th annual Bay Area Memory Meeting, Berkeley, CA, USA.

October 2007 High Resolution fMRI of the medial temporal lobe during delayed-match-to-sample. Oral presentation at the Friday Cognitive Seminar at Stanford University, Stanford, CA, USA.

April 2005 Perceptual similarity and familiarity in recognition memory. Oral presentation at the Friday Cognitive Seminar at Stanford University, Stanford, CA, USA.

Published abstracts (selected)

1. Wisse, L. E. M., La Joie, R., Olsen, R. K., Berron, D., Amunts, K., Augustinack, J., ... Carr, V. A., & Daugherty, A. (2021). The development of a valid, reliable, harmonized segmentation protocol for

medial temporal lobe subregions: A progress update. International Conference on Alzheimer's and Parkinson's Diseases, Virtual.

2. La Joie, R., Olsen, R. K., Berron, D., Amunts, K., Augustinack, J., Bakker, A., ... Carr, V. A., Wisse, L. E. M., & Daugherty, A. (2020) The development of a valid, reliable, harmonized segmentation protocol for hippocampal subfields and medial temporal lobe cortices: A progress update. Alzheimer's Association International Conference, Virtual.
3. Carr V, Berron D, Daugherty AM, Olsen RK, Wisse L, Amunts KM, Augustinack JC, Bakker A, Bender AR, Boccardi M, Bocchetta M, Chakravarty MM, Chetelat, G, de Flores R, DeKraker J, Ding S- L, Insausti R, Kedo O, Mueller S, Ofen N, Palobmo D, Raz N, Stark C, Wang L, Yushkevich P, Yu Q, La Joie R. Hippocampal subfields group progress update: Harmonization of a protocol for segmenting human hippocampal subfields on MRI. Program No. 456.13. 2019 Neuroscience Meeting Planner, Chicago, IL: Society for Neuroscience, 2019. Online.
4. Gervais N, Nicoll G, Baker-Sullivan E, Lauzon C, Mendoza L, Almey A, Gravelins L, Brown A, Duchesne A, Grady CL, Olsen RK, Einstein G. Impact of early estrogen deprivation on sleep, memory and hippocampal volume in middle-aged women. Program No. 456.05. 2019 Neuroscience Meeting Planner, Chicago, IL: Society for Neuroscience, 2019. Online.
5. Liang JC, Olsen RK, Shing NGY, Ladyka-Wojcik N, Ryan JD, Barense MD. The functional contribution of anterolateral entorhinal cortex to intra-item configural processing. Program No. 516.07. 2019 Neuroscience Meeting Planner, Chicago, IL: Society for Neuroscience, 2019. Online.
6. Snytte J, Alshiekh A, Subramaniapillai S, Pasvanis S, Barense MD, Olsen RK, Rajah MN. Individual differences in gray matter of posterior medial structures predict source memory accuracy. Program No. 516.10. 2019 Neuroscience Meeting Planner, Chicago, IL: Society for Neuroscience, 2019. Online.
7. Carr V, La Joie R, Olsen R, Wisse L, Amunts K, Augustinack A, Bakker A, Bender A, Berron D, Ding S- L, Burggren A, de Flores R, Chakravarty M, Ekstrom A, Kanel P, Kedo O, Insausti R, Malykhin N, Mueller S, Ofen N, Pluta J, Palobmo D, Schoemaker D, Stark C, Steve T, Wang L, Yassa M, Yu Q, Yushkevich P Daugherty A. Preliminary results of the Hippocampal Subfields Group harmonized protocol for segmenting human hippocampal subfields on 3T MRI. Program No. 693.25. 2018 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2018. Online.
8. Gervais, N, Almey A, Duchesne A, Brown A, Baker-Sullivan E, Wong A, Gravelins L, Reuben R, Grady C, Olsen R, Einstein G. Menopause reduces hippocampal volume and hippocampal-dependent memory in middle-aged women: preliminary findings. Program No. 515.04. 2018 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2018. Online.
9. Snytte J, Elshiekh A, Olsen RK, Manning L, Rajah MN. Volume of posterior hippocampus is positively related to object-location associative memory in healthy adults. Program No. 693.08. 2018 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2018. Online.
10. Geier KT, Olsen RK, 2018. Hippocampal-thalamic contributions to associative memory Presented at the 25th Annual Meeting of the Cognitive Neuroscience Society, Boston, MA.
11. Robin J, Buchsbaum BR, Olsen RK, 2018. Neural correlates of eye movements during naturalistic viewing. Presented at the 25th Annual Meeting of the Cognitive Neuroscience Society, Boston, MA.
12. Olsen RK, Daugherty A, La Joie R, Wisse L, Amaral R, Berron D, de Flores R, Ekstrom A, Kanel P, Malykhin N, Mueller S, Pluta J, Stark C, Steve T, Wang L, Yassa M, Yushkevich P, Carr V. 2018. A harmonized protocol for in-vivo human hippocampal subfield segmentation: initial results of the 3 Tesla protocol. International Conference on Learning and Memory, Irvine, CA.

13. Robin J, Olsen RK. 2018. The role of scenes in associative memory and inference. International Conference on Learning and Memory, Irvine, CA.
14. Yeung L-K, Olsen RK, Bild-Enkin HEP, Hong B, Mihajlovic V, D'Angelo MC, Kacollja A, McQuiggan D, Keshabyan A, Ryan JD, Barense MD. Anterolateral entorhinal cortex volume affects both intra-item and inter-item configural processing. Program No. 338.25. 2017 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2017. Online.
15. Geier KT, Lung C, Olsen RK. 2017. Extra-hippocampal contributions to associative memory retrieval. 11th Annual Canadian Neuroscience Meeting. Montreal, ON.
16. Olsen RK, Yeung L-K, Noly-Gandon A, D'Angelo M, Kacollja A, Smith VS, Ryan JD, Barense MD. Volume reductions in the CA1 hippocampal subfield, perirhinal and anterolateral entorhinal cortices are associated with preclinical cognitive decline: implications for dementia screening. Program No. 017.09. 2016 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2016. Online.
17. Olsen RK, Sebanayagam V, Buchsbaum BR, Lee Y, Rosenbaum RS, Grady CL, Moscovitch M, Ryan JD, Eye movement repetition effects do not require the hippocampus or explicit recognition. Program No. 750.02. 2015 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015. Online.
18. Olsen RK, Buchsbaum BR, McQuiggan D, Ryan JD. 2014. The relationship between neural and eye movement repetition effects. Presented at the 21st Annual Meeting of the Cognitive Neuroscience Society, Boston, MA.
19. Olsen RK, Palombo DJ, Levine B, Ryan JD, Rosenbaum RS. 2013. Volumetric analysis of MTL subregions in developmental amnesia using high-resolution MRI. Presented at the 20th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
20. Olsen RK, Rosenbaum RS, Ryan JD. Recognition memory for single items is impaired in hippocampal amnesia when faces are studied from multiple viewpoints. Program No. 18.05. 2012. Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience, 2012. Online.
21. Olsen RK, Lee Y, Kube J, Smith C, Grady CL, Moscovitch M, Ryan JD. 2012. An investigation of eye-movement fixation patterns to repeated and novel faces in individuals with developmental prosopagnosia. Presented at the 19th Annual Meeting of the Cognitive Neuroscience Society. Chicago, Illinois.
22. Olsen RK, Lee Y, Grady CL, Moscovitch M, Ryan JD. 2011. Repetition-induced changes in face viewing are not affected by changes of face viewpoint across repetitions. Presented at the 18th Annual Meeting of the Cognitive Neuroscience Society. San Francisco, CA.
23. Olsen RK, Wilson JK, Davidenko N, Drucker J, Wagner AD Study-test visual similarity affects recognition memory and medial temporal lobe activity. 2010. Presented at the 16th Annual Meeting of the Organization for Human Brain Mapping. Barcelona, Spain.
24. Olsen RK, Wilson JK, Davidenko N, Drucker J, Wagner AD. The influence of study-test perceptual similarity on recognition memory: behavioral and neural correlates of item memory strength. Program No. 870.3. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008. Online.
25. Olsen, RK, Nichols, EA, Chen, J, Gabrieli, JDE, Wagner, AD. High-resolution fMRI of the medial temporal lobe during delayed-match-to-sample. Program No. 773.1. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.

26. Chen, J, Olsen, RK, Preston, AR, Wagner, AD. Associative retrieval and mismatch signals in the CA fields of human hippocampus. Program No. 203.8. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007. Online.
27. Olsen, RK, Gonsalves, BD, Preston, AR, Curran, T, Norman, KA, Wagner, AD. 2005. The effects of perceptual similarity on item recognition and repetition suppression in the medial temporal lobe. Program No. 769.22. 2005 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2005. Online.
28. Olsen, RK, Kippenhan, JS, Japee, S, Meyer-Lindenberg, A, Kohn, PD, Mervis, CB, Saad, Z, Morris, CA, Berman, KF. 2003. Retinotopic mapping of early visual areas in Williams syndrome. Presented at the 9th International Conference on Functional Mapping of the Human Brain. NeuroImage, Vol 19, No. 2, S1.
29. Kippenhan, JS, Olsen, RK, Meyer-Lindenberg, A, Japee, S, Mervis, CB, Morris, CA, Berman, KF. 2003. Spherical registration of cortical gyral and sulcal patterns in Williams syndrome: A cautionary note. Human Brain Mapping 2003. Presented at the 9th International Conference on Functional Mapping of the Human Brain. NeuroImage, Vol 19, No. 2, S1.
30. Olsen, RK, Kohn, PD, Meyer-Lindenberg, A, Mervis, CB, Pani, JR, Berman, KF. 2002. Correlating BOLD response and behavioral performance during visuospatial construction. Presented at the 8th International Conference on Functional Mapping of the Human Brain, NeuroImage, Vol. 16, No. 2.
31. Olsen, RK, Zorrilla, LE, Kindermann, SS, Brown, GG, Jeste, DV. Dysfunctional brain response among chronic schizophrenia patients during a sustained attention task: an fMRI study. Society for Neuroscience Abstracts, Vol. 27, Program No. 110.16, 2001.

Teaching Experience

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| Fall 2020 | <p><i>Instructed a graduate level seminar course: "Functional Neuroanatomy of the Medial Temporal Lobe", University of Toronto</i></p> <ul style="list-style-type: none">• Developed curriculum to review and address current theories regarding the neuroanatomical organization of memory, with a specific focus on medial temporal lobe (MTL) function. |
| Fall 2017 | <p><i>Instructed a 2-day workshop "Manual Segmentation of the Medial Temporal Lobe", Rotman Research Institute, Baycrest</i></p> <ul style="list-style-type: none">• Explained neuroanatomical landmarks and definitions used to delineate subregions of the medial temporal lobe |
| Summer 2006 | <p><i>Co-instructed summer course: "Introduction to Cognitive Neuroscience", Stanford University</i></p> <ul style="list-style-type: none">• Partnered in planning and development of course outline; gave four lectures; developed exam questions; managed grades |
| Fall 2006 | <p><i>Teaching assistant for "Introduction to Perception", Stanford University</i></p> <ul style="list-style-type: none">• Gave two guest lectures; developed exam questions; managed grades; organized field trip to "Exploratorium" in San Francisco, CA |
| Winter 2006 | <p><i>Head teaching assistant for "Introduction to Statistical Methods: Precalculus", Stanford University</i></p> |

- Supervised 8 teaching assistants; organized grading for over 300 students; provided exam accommodations for students with disabilities; tutored struggling students; coordinated makeup exams

Spring 2007

Teaching assistant for "Introduction to Learning and Memory", Stanford University

- Gave two guest lectures; developed exam questions; managed grades

Academic Training and Mentoring

2006 - 2008	Co-supervised two undergraduate students enrolled at Stanford University. One student is a co-author on a published manuscript and is currently enrolled in an M.D.-Ph.D. program at University of Wisconsin, Madison. Another student is a co-author on a manuscript currently in preparation and has recently completed his Ph.D. at Emory University
2009 - 2015	Co-supervised two undergraduate students enrolled at York University, six undergraduates enrolled at University of Toronto, and one visiting student enrolled at the Technische Universität Dresden, Germany, and four graduate students at the University of Toronto. Among these students, five are currently enrolled in graduate school programs at McGill University, Dalla Lana School of Public Health, Johns Hopkins Bloomberg School of Public Health, York University, Vanderbilt University, and the Max Planck Institute for Human Cognitive and Brain Sciences in Leipzig, Germany
2015 - current	Supervised 13 research assistants and six summer students. Three former research assistants are now enrolled in graduate school and one is enrolled in medical school at the University of Toronto.
2017- current	Co-supervised or supervised five Master's students, six Ph.D. students in the Department of Psychology at the University of Toronto
2021, 2022	Mentor for the Canadian Summer Research Opportunity Program—a summer program that provides paid research experience for Canadian undergraduates who identify as Black, Indigenous and People of Colour.

Academic Service and Outreach

2011 - 2012	Organizer of the Rotman Research Rounds for the 2011-2012 academic year
2011	Organizer of a medial temporal lobe neuroanatomy workshop for the Toronto research community
2013	Organizer of a research trainee workshop titled, "High-quality figures for effectively communicating neuroimaging results"
2013 - present	Co-leader of an international initiative to form a harmonized high-resolution segmentation protocol for the human medial temporal lobe (http://www.hippocampalsubfields.com/)
2014	Participant in scientific outreach at the University of Toronto's Annual Science Rendezvous
2016 - present	Member and Chair (2021-2022) of the Organization for Human Brain Mapping's Diversity and Inclusivity Committee

- 2016 - 2017 Organizer of the 2017 Annual Rotman Research Institute conference, "Neural Dynamics and Brain Health"
- 2016 - present Mentored for The Scientista Foundation
- 2018 Mentored high school students at William Lyon Mackenzie Collegiate Institute in preparation for Exploravision, an international scientific innovation competition.
- 2018 Judge of the final research presentations at the NeuroBRITE 1.0 conference. NeuroBRITE is an NSERC-funded STEM outreach initiative for high school students and their science teachers.
- 2018 Scientific Officer in the Centre for Aging and Brain Health Innovation
- 2020 - present Co-chair of the Rotman Research Institute's Equity, Diversity, and Inclusivity committee.
- 2020 - present Weekly knowledge translation "threads" on the Twitter social media platform for the Hippocampal Subfields Group
- 2021 Co-organizer of the 2021 Multilingual Kids Live Review at the annual Organization for Human Brain Mapping meeting (virtual)

Academic Memberships

2001-present	Society for Neuroscience
2002-present	Organization for Human Brain Mapping
2005-present	Cognitive Neuroscience Society
2016-present	Memory Disorders Research Society (<i>invitation only</i>)
2018-present	International Society for Behavioural Neuroscience (<i>invitation only</i>)

Ad Hoc Journal Reviewer

<i>Alzheimer's & Dementia</i>	<i>Journal of Neuroscience Research</i>
<i>Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring</i>	<i>Journal of Psychiatry and Neuroscience</i>
<i>Behavior Research Methods</i>	<i>Journal of the International Neuropsychological Society</i>
<i>Brain and Behavior</i>	<i>Journal of Vision</i>
<i>Brain Research</i>	<i>Hippocampus</i>
<i>Cognition</i>	<i>Human Brain Mapping</i>
<i>Cognitive, Affective, and Behavioral Neuroscience</i>	<i>Memory</i>
<i>Cognitive Neuropsychology</i>	<i>Nature Reviews Neuroscience</i>
<i>Cerebral Cortex</i>	<i>Nature Communications</i>
<i>Cortex</i>	<i>Network Neuroscience</i>
<i>Current Biology</i>	<i>Neurobiology of Aging</i>
<i>eLIFE</i>	<i>NeuroImage</i>
<i>European Journal of Neuroscience</i>	<i>NeuroImage: Clinical</i>
<i>Frontiers in Human Neuroscience</i>	<i>Neuron</i>
<i>Frontiers in Psychology</i>	<i>Neuropsychologia</i>
<i>Journal of Alzheimer's Disease</i>	<i>Neuropsychology</i>
<i>Journal of Clinical and Experimental Neuropsychology</i>	<i>New England Journal of Medicine</i>
<i>Journal of Applied Research in Memory and Cognition</i>	<i>PLOS Biology</i>
<i>Journal of Cognitive Neuroscience</i>	<i>PLOS ONE</i>
<i>Journal of Experimental Psychology: Learning, Memory and Cognition</i>	<i>Psicologica</i>
<i>Journal of Gerontology: Psychological Sciences</i>	<i>Psychiatry Research: Neuroimaging</i>
<i>Journal of Neuroscience</i>	<i>Science Advances</i>
	<i>Scientific Reports</i>

Scientific grant reviewer

Alzheimer Society of Canada (2019, 2021)
CIHR Project Grant: Biological and Clinical Aspects of Aging (Fall 2020, Spring 2021, Fall 2021)
CIHR Institute of Aging Travel Awards (2018)
Israel Science Foundation (2018, 2020)
U.S.-Israel Binational Science Foundation (2019)
Fondation Vaincre Alzheimer (France; 2021)