

Buddhika Bellana

York University, Glendon Campus
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Google Scholar: [\[link\]](#)

PROFESSIONAL APPOINTMENTS

- | | |
|----------------|--|
| 2021 – Present | <i>Assistant Professor</i> , Department of Psychology
Glendon College, York University (Toronto, CAN) |
| 2022 – Present | <i>Adjunct Scientist</i> , Rotman Research Institute
Baycrest (Toronto, CAN) |
| 2020 – 2021 | <i>Postdoctoral Fellow</i> , Department of Psychology
University of Toronto (Toronto, CAN)
Co-advisor: Dr. Katherine Duncan |
| 2018 – 2021 | <i>Postdoctoral Fellow</i> , Department of Psychological & Brain Sciences
Johns Hopkins University (Baltimore, USA)
Advisors: Drs. Janice Chen and Christopher Honey |

EDUCATION

- | | |
|------|--|
| 2018 | Ph.D., Department of Psychology
University of Toronto
Advisors: Drs. Cheryl Grady and Morris Moscovitch <ul style="list-style-type: none">▪ <i>Thesis</i>: Activity in the left angular gyrus tracks recollection and prior knowledge [link] |
| 2013 | M.A., Department of Psychology
University of Toronto
Advisors: Drs. Cheryl Grady and Morris Moscovitch <ul style="list-style-type: none">▪ <i>Thesis</i>: Domain-generalty of parietal attentional processes and their implications for old age [link] |
| 2012 | Sp. Hons. B.A., Department of Psychology
York University, Glendon College
Advisors: Drs. Guy B. Proulx and Larry Leach <ul style="list-style-type: none">▪ <i>Thesis</i>: An Analysis of the Kaplan-Baycrest Neurocognitive Assessment in Dementia and Normal Ageing |

FUNDING

External Grants (Primary Investigator)

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|-------------|---|
| 2022 – 2027 | Discovery Grant (NSERC-DG)
Natural Sciences and Engineering Research Council of Canada |
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National (CAN): \$130, 000

2022 Discovery Grant – Early Career Researcher Supplement
Natural Sciences and Engineering Research Council of Canada
National (CAN): \$12, 500

External Grants – Submitted (Primary Investigator)

2023 John Evans Leadership Fund (CFI-JELF)
Canadian Foundation for Innovation
National & Provincial (CAN): \$ 226, 390

Fellowships

2020 – 2022 Postdoctoral fellowship (NSERC-PDF)
Natural Sciences and Engineering Research Council of Canada
National (CAN): \$90, 000

2017 – 2018 Ontario Graduate Scholarship
University of Toronto
Provincial (CAN): \$15, 000

2016 – 2017 J. Davidson Ketchum Graduate Scholarship in Psychology
University of Toronto
Institutional (CAN): \$10, 740

2016 – 2017 University of Toronto Fellowship
University of Toronto
Institutional (CAN): \$10, 000

2013 – 2016 Post-graduate Scholarship (NSERC-PGS)
Natural Sciences and Engineering Research Council of Canada
National (CAN): \$63, 000

2012 – 2013 Alexander Graham Bell Scholarship (NSERC-CGSM)
Natural Sciences and Engineering Research Council
National (CAN): \$17, 500

Internal Grants (Primary Investigator)

2024 Small Research Grant
York University
Institutional (CAN): \$5, 000

2023 Small Research Grant
York University
Institutional (CAN): \$5, 000

2023 Junior Faculty Research Fund
York University, Glendon Campus
Institutional (CAN): \$4, 000

2022 Glendon Research Grant
York University, Glendon Campus

Institutional (CAN): \$4, 000

Co-Investigator or Named Collaborator

- 2023 - 2028 Discovery Grant (NSERC-DG)
Natural Sciences and Engineering Research Council of Canada
Title: Investigating how schematic frameworks scaffold the simulation of novel events
PI: Donna Addis (Rotman Research Institute, Baycrest)
National (CAN): \$295, 000
Role: Collaborator
- 2024 Connected Minds Seed Grant
York University
Title: Biskaabiiyaang Indigenous Metaverse: Creating an ethical and responsible virtual environment driven by Indigenous communities and community needs
PI: Maya Chacaby (YorkU, Glendon, Department of Sociology)
National (CAN): \$75, 000
Role: Co-Investigator
- 2024 [under review] Insight Development Grant (SSHRC-IDG)
Social Sciences & Humanities Research Council of Canada
Title: Language of Episodic Thought
PI: Johannes Mahr (YorkU, Department of Philosophy)
National (CAN): \$66, 716
Role: Collaborator

HONOURS & AWARDS

- 2024 Principal's Research Excellence Award (Emerging Researcher)
York University, Glendon Campus
Institutional
- 2021 Cermak-Corkin Postdoctoral Award
Memory Disorders Research Society (MDRS)
International
- 2018 Collaborative Research Award
Johns Hopkins University
Institutional (US): \$850
- 2015, 2016, 2017 Men's Service Group Studentship
Rotman Research Institute / Baycrest
Institutional (CAN): \$9, 174
- 2015, 2016 School of Graduate Studies Conference Grant
University of Toronto
Institutional (CAN): \$2, 276
- 2014, 2015, 2016 Jack & Rita Catherall Fund

Rotman Research Institute / Baycrest
Institutional (CAN): \$1, 415

2016 Bartlett Award for Best Data Blitz Presentation
Spring Meeting of the Toronto Area Memory Group

2015 Faculty of Arts and Sciences Travel Grant
University of Toronto
Institutional (CAN): \$775

PEER-REVIEWED PUBLICATIONS

** Undergraduate or graduate mentee

1. Honey, C., Mahabal, A., Bellana, B. (2023). Psychological Momentum. *Current Directions in Psychological Science*. 32(4), 284-292. [\[link\]](#)
2. Bellana, B., Ladyka-Wojcik, N.**, Lahan, S.**, Moscovitch, M. & Grady, C.L. (2023). Activity in the left angular tracks both recollection and prior knowledge during recognition. *Brain Structure and Function*. 228, 197-217. [\[link\]](#)
3. Bellana, B., Mahabal, A., & Honey, C.J. (2022). Narrative thinking lingers in spontaneous thought. *Nature Communications*. 13(1), 4585. [\[link\]](#)
4. Bouffard, N., Golestani, A., Brunec, I. K., Bellana, B., Park, J-Y., Barense, M. D., Moscovitch, M. (2022). Single voxel autocorrelation uncovers gradients of temporal dynamics in the hippocampus and entorhinal cortex during rest and navigation. *Cerebral Cortex*. bhac480. [\[link\]](#)
5. Romero, K., Ladyka-Wojic, N., Heir, A., Bellana, B., Leach, L., & Proulx, G.B. (2022). The Influence of Cerebrovascular Pathology on Cluster Analysis of Neuropsychological Scores in Patients With Mild Cognitive Impairment. *Archives of Clinical Neuropsychology*. [\[link\]](#)
6. Bellana, B., Mansour, R.**, Ladyka-Wojic, N.**, Grady, C.L. & Moscovitch, M. (2021). The influence of prior knowledge on the formation of detailed and durable memories. *Journal of Memory and Language*. 121, 104264. [\[link\]](#)
7. Wei, H.T., Francois-Nienaber, A., Deschampes, T., Bellana, B., Hebscher, M., Sivaratnam, G., Bagherzadeh, M., & Meltzer, J. (2021). Sensitivity of amplitude and phase based MEG measures of interhemispheric connectivity during unilateral finger movements. *Neuroimage*. 242, 118457. [\[link\]](#)
8. Lee, H., Bellana, B., & Chen, J. (2020). What can narratives tell us about the neural bases of human memory? *Current Opinion in Behavioral Sciences*. 32, 111-119. [\[link\]](#)
9. Ramanan, S. & Bellana, B. (2019, commentary). A domain general role for the angular gyrus in retrieving internal representations of the external world. *The Journal of Neuroscience*, 39(16), 2978-2980. [\[link\]](#)
10. Brunec, I.K.*, Bellana, B.*, Ozubko, J.D., Man, V., Robin, J., Liu, Z-X., Grady, C.L., Rosenbaum, R.S., Winocur, G., Barense, M.D. & Moscovitch, M. (2018). Multiple scales of representation along

the hippocampal anteroposterior axis in humans. *Current Biology*, 28(13), 2129-2135.e6. [\[link\]](#)
*Equal contributions

11. Anderson, J.A.E.*, Chung-Fat-Yim, A.*, Bellana, B., Luk, G. & Bialystok, E. (2018). Language and cognitive control networks in bilinguals and monolinguals. *Neuropsychologia*, 117, 351-363. [\[link\]](#)
*Equal contributions
12. Bellana, B.*, Liu, Z-X.*, Diamond, N., Grady, C.L. & Moscovitch, M. (2017). Similarities and differences in the default mode network across rest, retrieval and future imagining. *Human Brain Mapping*, 38(3): 1155-1171. [\[link\]](#)
*Equal contributions
13. Anderson, J.A.E., Sarraf, S., Amer, T., Bellana, B., Man, V., Campbell, K.L., Hasher, L. & Grady, C.L. (2017). Task-linked diurnal brain network reorganization in older adults: A graph theoretical approach. *Journal of Cognitive Neuroscience*, 29(3), 560-572. [\[link\]](#)
14. Bellana, B., Liu, Z., Anderson, J.A.E., Moscovitch, M. & Grady, C.L. (2016). Laterality effects in functional connectivity of the angular gyrus during rest and episodic retrieval. *Neuropsychologia*, 80(8): 24-34. [\[link\]](#)
15. Greenberg, A., Bellana, B. & Bialystok, E. (2013). Perspective-taking ability in bilingual children: Extending advantages in executive control to spatial reasoning. *Cognitive Development*, 28(1): 41-50. [\[link\]](#)

PREPRINTS & MANUSCRIPTS UNDER REVIEW

1. Fenerci, C. Cheng, Z., Addis, D.R., Bellana, B., Sheldon, S. Natural Language Processing: Mapping how we remember. *Trends in Cognitive Sciences*. (Submitted, June 2024).

MANUSCRIPTS IN PREPARATION

** Undergraduate or graduate mentee

1. Cheng, Z., Bellana, B., Fynes-Clinton, Fisher, W.**, Addis, D.R. Pandemics stories: How autobiographical and collective narratives develop over time.
2. Fisher, W**, Cyr, A-A., & Bellana, B. Memory for scrambled narratives unscrambles over time.
3. Fisher, W**, Fernando, S**, Palacios, G., Honey, C. J., & Bellana, B. Deep processing causes recent experiences to persist in spontaneous thought.
4. Li, X., Ni, N. K., Born, S., Gualano, R., Lee, I., & Bellana, B.*, Chen, J.* Agency personalizes naturalistic event memory.
*Co-senior author
5. Wang, L**, Mar, R., & Bellana, B. Predicting timelessness in novels from word composition.

INVITED TALKS

1. Bellana, B. (2024). Psychological momentum. *Ebbinghaus Empire Seminar at the University of Toronto*. Toronto, ON, CAN, Sep 2024.
2. Bellana, B. (2024). Stories as a window into human memory and spontaneous thought. *Rotman Research Institute Rounds*. Toronto, ON, CAN, March 2024.
3. Bellana, B. (2023). Psychological momentum. *Annual Meeting of the Memory Disorders Research Society (MDRS)*. Los Angeles, CA, USA. Sep 2023.
4. Bellana, B. (2023). Stories as a window into human memory and spontaneous thought. *Past President Symposium at the Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS)*. Guelph, ON, CAN. Jul 2023.
5. Bellana, B. (2023). Persistence in human cognition: Why stories linger in our spontaneous thoughts. *Newcastle University Bioscience Unit, UK*. May 2023. *Event was held virtually
6. Bellana, B. (2022). Narrative thinking lingers in spontaneous thought. *Department of Psychology at Ryerson University*. Mar 2022.
*Event was held virtually
7. Bellana, B. (2022). Stories, deep processing and spontaneous thought. *Innovators in Cognitive Neuroscience*. Feb 2022. [[link](#)] [[ASL translation](#)]
*Event was held virtually
8. Bellana, B. (2021). Narrative thinking lingers in spontaneous thought. *Annual Meeting of the Memory Disorders Research Society*. Oct 2021.
*Event was held virtually
9. Bellana, B. (2021). A lasting influence of stories on spontaneous thought. *Department of Psychology at Columbia University*. New York, NY, USA, Mar 2021.
*Event was held virtually
10. Bellana, B. (2021). A lasting influence of stories on spontaneous thought. *Department of Cognitive Science at Carleton University*. Kingston, ON, CAN, Mar 2021.
*Event was held virtually
11. Bellana, B. (2021). Les narratifs comme fenêtre sur la mémoire et la création du sens. *Department of Psychology at York University, Glendon Campus*. Toronto, ON, CAN, Feb 2021.
*Event was held virtually
12. Bellana, B. (2020). A lasting influence of stories on spontaneous thought. *Department of Psychological and Brain Sciences at Dartmouth College*. Hanover, NH, USA, Oct 2020.
*Event was held virtually
13. Bellana, B. (2018). Prior knowledge, recollection and the angular gyrus. *Ebbinghaus Empire Semina at the University of Toronto*. Toronto, ON, CAN, Sep 2018.
14. Bellana, B. (2018). The role of the angular gyrus in episodic memory. *Rotman Research Institute Rounds*. Toronto, ON, CAN, March 2018.

15. Bellana, B. (2017). The role of the angular gyrus in episodic memory. *Department of Psychological and Brain Sciences at Johns Hopkins University*. Baltimore, MD, USA, Nov 2017.

CONTRIBUTED TALKS

** Undergraduate or graduate mentee

1. Fisher, W.**., Cyr, A-A., & Bellana, B. (2024). Quantifying episodicity in the recall of scrambled narratives. *8th Spring Meeting of the Toronto Area Memory Group*. Toronto, ON, CAN. May 2024.
2. Bellana, B. (2024). Why some of our experiences stick in mind. *Symposium at the Society for Affective Sciences (SAS)*. New Orleans, LA, USA. Mar 2024.
3. Addis, D.R., Cheng, Z., Bellana, B., Fynes-Clinton, S., Fisher, W.** (2023). Autobiographical and Collective Narratives of a Lifetime Period Integrate over Time. *Annual Meeting of the Psychonomic Society*. San Francisco, CA, USA. Nov 2023
4. Addis, D.R., Cheng, Z., Bellana, B., Fynes-Clinton, S., Fisher, W.** (2023). Autobiographical and collective narratives of a lifetime period: Examining transformation with natural language processing. *Memory Disorders Research Society Annual Meeting*. Los Angeles, CA, USA. Sep 2023
5. Fisher, W.**., Cyr, A-A., & Bellana, B. (2023). Quantifying memory transformation with scrambled stories. *Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS)*. Guelph, ON, CAN. Jul 2023.
6. Fisher, W.**., Cyr, A-A., & Bellana, B. (2023). Quantifying memory transformation with scrambled stories. *7th Spring Meeting of the Toronto Area Memory Group*. Toronto, ON, CAN. May 2023.
7. Bellana, B. (2020). A persistent influence of narrative transportation on subsequent thought. *Context and Episodic Memory Symposium 2020*. Philadelphia, PA, USA. Aug 2020.
*Event was held virtually
8. Bellana, B. (2019). A narrative mode of cognition. *Princeton Meeting for Curious Minds 2019*. Princeton, NJ, USA. Aug 2019.
9. Bellana, B. (2019). Dynamics of predictability (and value) in narratives. *Princeton Meeting for Curious Minds 2019*. Princeton, NJ, USA. Aug 2019.
10. Bellana, B. (2018). The role of prior knowledge in recollection. *Spring Meeting of the Toronto Area Memory Group*. Toronto, ON, CAN. May 2018.
11. Bellana, B. (2018). Angular gyrus simultaneously tracks recollection strength and task-irrelevant prior knowledge. *International Conference on Learning and Memory*. Huntington Beach, CA, USA. April 2018.
12. Bellana, B. (2016). Resting state connectivity predicts remote memory for naturalistic film clip stimuli. *Spring Meeting of the Toronto Area Memory Group*. Toronto, ON, CAN. May 2016.

SELECTED CONFERENCE ABSTRACTS & POSTERS

** Undergraduate or graduate mentee

1. Palacios Kressin, G., [Bellana, B.](#), Honey, C. J. (2024) Origin and control of persistent mental content. *Conference on Cognitive and Computational Neuroscience 2024*. Boston, MA, USA, Aug 2024. [\[link\]](#)
2. [Bellana, B.](#), Fernando, S.**, Fisher, W.**, Palacios, G., Honey, C. J. (2024) A distinctive role of deep processing on the persistence of recent experiences in spontaneous thought. *Context and Episodic Memory Symposium 2024*. Philadelphia, PA, USA, May 2024.
3. Li, X., Ni, N. K., Born, S., Gualano, R., Lee, I., & [Bellana, B.](#), Chen, J. (2024) Agency enhances individuality in memory for narratives. *Context and Episodic Memory Symposium 2024*. Philadelphia, PA, USA, May 2024.
4. Palacios Kressin, G., [Bellana, B.](#), Honey, C. J. (2024) Blocking persistent mental content. *Context and Episodic Memory Symposium 2024*. Philadelphia, PA, USA, May 2024.
5. Cheng, Z., [Bellana, B.](#), Fynes-Clinton, Fisher, W.**, Addis, D.R. Pandemics stories: How autobiographical and collective narratives develop over time. *Annual Meeting of the Cognitive Neuroscience Society 2024*. Toronto, ON, CAN, Apr 2024.
6. Fisher, W.**, Cyr, A-A., [Bellana, B.](#) Quantifying memory transformation with scrambled stories. *Annual Meeting of the Cognitive Neuroscience Society 2024*. Toronto, ON, CAN, Apr 2024.
7. Huang, Y., Hu, A.**, [Bellana, B.*](#), Chen, J.* (2024) Neural correlates of prediction potential during movie-viewing. *Annual Meeting of the Society for Neuroscience 2024*. Chicago, IL, USA, Oct 2024.
*Co-senior author
8. Li, X., Ni, N. K., Born, S., Gualano, R., Lee, I., & [Bellana, B.*](#), Chen, J.* (2024) Agency personalizes naturalistic event memory. *Annual Meeting of the Society for Neuroscience 2024*. Chicago, IL, USA, Oct 2024.
*Co-senior author
9. Palacios Kressin, G., [Bellana, B.](#), Honey, C. J. (2023) How are lingering thoughts modulated by current concerns? *Curiosity, Creativity and Complexity Conference at Columbia University*. New York City, NY, USA, May 2023.
10. Cheng, Z., [Bellana, B.](#), Fynes-Clinton, S., Fisher, W., Addis, D.R. (2023). Pandemic stories: How personal and collective narratives about the COVID-19 pandemic integrate over time. *Lake Ontario Visionary Establishment Conference*. Niagara Falls, ON, CAN, Feb 2023.
11. Li, X., [Bellana, B.](#), Born, S., Hu, A., & Chen, J. (2022) The role of agency in memory for narratives. *Conference on Cognitive and Computational Neuroscience 2022*. Philadelphia, PA, USA, Aug 2022. [\[link\]](#)
12. Li, X., [Bellana, B.](#), Born, S., Hu, A., & Chen, J. (2021) The role of agency in memory for narratives: A choose-your-own-adventure paradigm. *Context and Episodic Memory Symposium 2021*. Philadelphia, PA, USA, Aug 2021.

13. Born, S., Bellana, B., & Chen, J. (2021) Written description length as an index for context dependence in naturalistic movies. *Context and Episodic Memory Symposium 2021*. Philadelphia, PA, USA, Aug 2021.
14. Bellana, B. & Honey, C. J. (2021) Deep processing and the mental persistence of stories. *Annual Meeting of the Cognitive Neuroscience Society 2021*. Mar 2021.
*Event was held virtually
15. Bellana, B. & Honey, C. J. (2020) A persistent influence of narrative transportation on unconstrained thought. *Annual Meeting of the Cognitive Neuroscience Society 2020*. Boston, MA, USA, Mar 2020.
*Event was held virtually
16. Bellana, B., Lee, H., Zuo, Z., & Chen, J. (2019) Measuring behavioural and neural responses to fluctuations in real-world predictability. *Annual Meeting of the Society for Neuroscience 2019*. Chicago, IL, USA, Oct 2019.
17. Bellana, B., Lee, H., Zuo, Z., & Chen, J. (2019) Measuring behavioural and neural responses to fluctuations in real-world predictability. *Conference on Cognitive and Computational Neuroscience 2019*. Berlin, DEU, Sep 2019. [[link](#)]
18. Golestani, A., Bellana, B., Brunec, I.K. & Moscovitch, M. (2018) Investigating autocorrelation pattern in the human hippocampus using resting-state fMRI. *Sixth Biennial Conference on Resting State and Brain Connectivity – 2018*. Montreal, CAN, Sep 2018.
19. Brunec, I.K.*, Bellana, B.*, Ozubko, J. D., Barense, M.D. & Moscovitch, M. (2018) Spatiotemporal scaling along the hippocampal long axis. *2018 Grid Cell Meeting*. London, UK, May 2018. * Equal contributions
20. Brunec, I.K.*, Bellana, B.*, Barense, M.D. & Moscovitch, M. (2018). Hippocampal dynamics change across the lifespan. *International Conference on Learning and Memory*. Huntington Beach, CA, USA, April 2018.
*Equal contributions
21. Bellana, B., Grady, C.L. & Moscovitch, M. (2017) Angular gyrus simultaneously tracks recollection strength and task-irrelevant prior knowledge. *Annual Meeting of the Memory Disorder Research Society*. Chicago, IL, USA, September 2017.
22. Brunec, I.K.*, Bellana, B.*, Ozubko, J.D., Barense, M.D. & Moscovitch, M. (2017). Distinct pattern of inter-voxel dynamics along the hippocampal longitudinal axis. *Annual Meeting of the Organization for Human Brain Mapping 2017*. Vancouver, BC, CAN, June 2017.
*Equal contributions
23. Bellana, B., Grady, C.L. & Moscovitch, M. (2017) Effect of prior knowledge and encoding duration on recognition memory for faces. *27th Annual Rotman-Baycrest Neuroscience Conference*. Toronto, ON, CAN, March 2017.
24. Bellana, B., Amer, T., Sekeres, M., Moscovitch, M. & Grady, C.L. (2016) Whole-brain connectivity during post-encoding rest predicts immediate and delayed memory retrieval for extended naturalistic film clips. *International Conference on Memory*. Budapest, HUN, July 2016.

25. Bellana, B.*, Liu, Z.*, Diamond, N., Grady, C.L., Levine, B. & Moscovitch, M. (2015) Characterizing the default mode network across rest, retrieval and future imagining. *Annual Meeting of the Organization for Human Brain Mapping 2015*. Honolulu, HI, USA, June 2015.
*Equal contributions
26. Bellana, B.*, Liu, Z.*, Diamond, N., Grady, C.L., Levine, B. & Moscovitch, M. (2015). Similarities and differences in the DMN across rest, retrieval and future imagining. *25th Annual Rotman Baycrest Neuroscience Conference*. Toronto, ON, CAN, March 2015.
*Equal contributions
27. Chung-Fat-Yim, A., Berkes, M., Mesite, L., Bellana, B., Luk, G. & Bialystok, E. (2015). Structural and functional differences between monolingual and bilingual young adults. *Workshop on Bilingualism and Executive Function*. New York City, NY, USA, May 2015.
28. Chung-Fat-Yim, A., Mesite, L., Bellana, B., Luk, G. & Bialystok, E. (2015). White matter differences between monolingual and bilingual young adults. *22nd Annual Meeting of the Cognitive Neuroscience Society*. San Francisco, CA, USA, March 2015.
29. Bellana, B., Liu, Z., Anderson, J. A. E., Moscovitch, M. & Grady, C. L. (2014). Functional connectivity of the angular gyrus during rest and recall: Laterality effects in the recollection network. *Annual Meeting of the Society for Neuroscience 2014*. Washington, DC, USA, November 2014.
30. Bellana, B., Liu, Z., Anderson, J. A. E., Moscovitch, M. & Grady, C. L. (2014). Left to recollect? Laterality differences in whole-brain functional connectivity of the angular gyrus during rest and recall. *24th Annual Canadian Society for Brain, Behaviour and Cognitive Science*. Toronto, ON, CAN, July 2014.
31. Bellana, B., Anderson, J. A. E., Moscovitch, M. & Grady, C. L. (2014). A PLS approach to laterality differences in resting whole-brain functional connectivity of the angular gyrus. Poster *24th Annual Rotman-Baycrest Neuroscience Conference*. Toronto, ON, CAN, March 2014.
32. Bellana, B., Grady, C. L. & Moscovitch, M. (2013). The effect of age on attentional processes across memory and perception: An extension of the Attention-to-Memory hypothesis. *2013 Annual Meeting of the Psychonomic Society*. Toronto, ON, CAN, November 2013.
33. Bellana, B., Leach, L. & Proulx, G. B. (2012). An Analysis of the Kaplan-Baycrest Neurocognitive Assessment in Dementia and Normal Ageing. *73rd Annual Convention of the Canadian Psychological Association*. Halifax, NS, CAN, June 2012.

PUBLIC TALKS & MEDIA ENGAGEMENT

1. What are memories made of? *The Agenda on TVO*. November 2022. [\[link\]](#)
 - A television interview on the science of human memory
2. Stories linger in mind and how that can be measured. *YouTube*. January 2022. [\[link\]](#)
 - A video abstract of Bellana et al., (2022) Narratives linger in spontaneous thought, summarizing the findings for a general interest audience
3. On stories, minds and brains. *Life is a Freestyle*. October 2020. [\[link\]](#)
 - A podcast episode on stories in cognitive neuroscience and connections to hip-hop

4. An introduction to the brain. *Baycrest Health Sciences*. November 2017.
- An introductory presentation on brain anatomy for seniors from the Baycrest community

PROFESSIONAL ACTIVITIES & AFFILIATIONS

Ad-hoc Reviewer:

- Behavioural Research Methods (1)
- Brain Structure and Function (1)
- Cerebral Cortex (8)
- European Journal of Neuroscience (1)
- eLife (3)
- Emotion (1)
- eNeuro (1)
- Hippocampus (1)
- Human Brain Mapping (1)
- Journal of Exp. Psychology: General (1)
- Journal of Exp. Psychology: Learning, Memory & Cognition (1)
- Journal of Memory and Language (1)
- Journal of Neuroscience (7)
- Learning & Memory (2)
- Nature Communications (1)
- Nature Neuroscience (1)
- Neurobiology of Learning and Memory (1)
- NeuroImage (1)
- Neuropsychologia (3)
- npj Science of Learning (1)
- PloS Biology (1)
- Scientific Reports (1)

Editorial Service:

- Guest editor for the *Journal of Comparative Literature and Aesthetics* (Special issue: "[Advances in Neuroaesthetics: Narratives and Art as Windows into the Mind and Brain](#)"; Vol. 47, No. 3, Autumn 2024)

Memberships:

- Memory Disorders Research Society (MDRS)
- Vision: Science to Application (VISTA) at York University
- Connected Minds at York University
- Cognitive Neuroscience Society

Service:

2024 – Present	Chair of the Curriculum Committee Glendon Campus York University
2022 – Present	Member of the Glendon Race Equity Caucus Glendon Campus York University
2024	MA Scholarship Reviewer Faculty of Health; Psychology (Brain, Behaviour & Cognitive Science) York University
2022 – 2023	Curriculum Committee Member Glendon Campus York University
2020	Selection Committee Member, Early Career Colloquium Series

Department of Psychological & Brain Sciences
Johns Hopkins University

- 2020 Committee Member, Diversity, Equity and Outreach Working Group
Department of Psychological & Brain Sciences
Johns Hopkins University
- 2014 – 2017 Steering Committee Member, Research Training Centre
Rotman Research Institute
Baycrest Centre
- 2013 – 2015 Coordinator, Research Graduate Led Academic Seminar Series
Department of Psychology
University of Toronto

TEACHING & MENTORSHIP

Graduate Supervision:

Primary Advisees

- Michelle Hirsch (2024 – Present): MA1 student in Psychology at York University
 - *Co-supervisor*: Andrée-Ann Cyr (York University, Glendon Campus)
- William Fisher (2023 – Present): MA2 student in Psychology at York University
 - *Co-supervisor*: Andrée-Ann Cyr (York University, Glendon Campus)

Committee Membership

- Toluanimi Faromika (2024 – Present): MA1 student in Clinical Psychology at York University
 - *Primary supervisor*: Shayna Rosenbaum (York University, Keele Campus)
- Kesaan Kandasamy (2023 – Present): PhD4 student in Clinical Psychology at Toronto Metropolitan University
 - *Primary supervisor*: Lixia Yang (Toronto Metropolitan University)

Undergraduate Supervision:

Undergraduate Honours Theses

- Karissa Philippou (2024 – Present; *York University*)
- Julien Quickstad (2024 – Present; *York University*):
- Zoé Labonté (2023 – 2024; *York University*)
- Leyao Wang (2023 – 2024; *York University*)
- Maria Moncaleano Espinosa (2022 – 2023; *York University*)
- Olivia Arski (2018 – 2019; *University of Toronto*)
- Rania Mansour (2016 – 2017; *University of Toronto*)

Research Assistantships

- Celina Therriault (2024 – Present; *York University*)
- Christiane Marie Canillo (2022 – Present; *York University*)
- Anna Hu (2020 – Present; *Johns Hopkins University*)
- Maab Abdel Kadir (2024; *York University*)
- Pranitha Rajakrishan (2023; *York University*)
- Shihara Fernando (2022 – 2023; *York University*)
- William Fisher (2022 – 2023; *York University*)
- Riya Trikha (2022 – 2023; *York University*)

- Hannah Collins-Doijode (2020 – 2021; *Johns Hopkins University*)
- Kenz Wilkinson (2019; *Johns Hopkins University*)
- Natalia Ladyka-Wojcik (2015 — 2018; *University of Toronto*)
- Tanya Grocholsky (2018; *University of Toronto*)
- Selin Goksoy (2018; *University of Toronto*)
- Dana Arafah (2018; *University of Toronto*)
- Anna Waisman (2018; *University of Toronto*)
- Shany Lahan (2016 – 2017; *University of Toronto*)
- Lynn Van Kampen (2015; *University of Toronto*)
- Cristina Pierpaoli (2014; *University of Toronto*)

Trainee Honours & Awards

- 2024
Connected Minds Entrance Scholarship (MA)
York University
Recipient: William Fisher (Graduate Student)
Institutional (CAN): \$10, 000
- 2023
Undergraduate Student Research Award (USRA)
Natural Sciences and Engineering Research Council of Canada
Recipient: Shihara Fernando (Research Assistant)
National (CAN): \$6, 000

Primary Instruction:

- Fall 2022, 2023, 2024
Introduction to Experimental Psychology (GL-PSYC 2520; [syllabus](#))
Department of Psychology
York University, Glendon College (40-60 students)
 - *Language:* Taught both English and French ([syllabus](#)) sections
- Winter 2021, 2022
Human Neuropsychology (GL-PSYC 4530; [syllabus](#))
Department of Psychology
York University, Glendon College (20-35 students)
- Intersession 2020
The Cognitive Neuroscience of Stories (AS.200.135.22; [syllabus](#))
Department of Psychological & Brain Sciences
Johns Hopkins University (16 students)

Joint-Instruction & Course Development:

- Summer 2017, 2018
Baycrest Presents: Understanding Your Brain
The Life Institute
Ryerson University (30 – 60 students)
 - *Description:* An introductory course on cognitive neuroscience taught by graduate students affiliated with Baycrest Hospital.
 - *Audience:* Seniors from the community, no background required
- Summer 2017
North-South Initiative: Introduction to Brain Health
Department of Psychology
York University, Glendon College (20 students)
 - *Description:* An introductory course on cognitive neuroscience with a focus on dementia and age-related brain pathology
 - *Audience:* Francophone healthcare providers working in dementia care

Teaching Certifications:

2020

Teaching Academy Fellow
Johns Hopkins University**Advanced Training and Workshops:**Mentoring Best Practices – by Yael Niv and Laura Murray (Spring 2023) [[syllabus](#)]

- Attended an intensive 6-week course on mentorship best practices for cognitive neuroscientists, with emphasis on diversity, equity and inclusion

PERSONAL

Citizenship: Canadian*Languages:* English (fluent) and French (intermediate)**REFERENCES**

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