

# Buddhika Bellana

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York University, Glendon Campus  
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## PROFESSIONAL APPOINTMENTS

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

## EDUCATION

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- 2018                Ph.D., Department of Psychology  
University of Toronto  
Advisors: Drs. Cheryl Grady and Morris Moscovitch
- *Thesis*: 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
- *Thesis*: Domain-generalty of parietal attentional processes and their implications for old age
- 2012                Sp. Hons. B.A., Department of Psychology  
York University, Glendon College  
Advisors: Drs. Guy B. Proulx and Larry Leach
- *Thesis*: An Analysis of the Kaplan-Baycrest Neurocognitive Assessment in Dementia and Normal Ageing

## FUNDING

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### Grants

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

2023	Small Research Grant York University <i>Institutional (CAN): \$5, 000</i>
2023	Junior Faculty Research Fund York University, Glendon Campus <i>Institutional (CAN): \$4, 000</i>
2022	Discovery Grant – Early Career Researcher Supplement Natural Sciences and Engineering Research Council of Canada <i>National (CAN): \$12, 500</i>
2022	Glendon Research Grant York University, Glendon Campus <i>Institutional (CAN): \$4, 000</i>
<b>Fellowships</b>	
2020 – 2022	Postdoctoral fellowship Natural Sciences and Engineering Research Council of Canada <i>National (CAN): \$90, 000</i>
2017 – 2018	Ontario Graduate Scholarship University of Toronto <i>Provincial (CAN): \$15, 000</i>
2016 – 2017	J. Davidson Ketchum Graduate Scholarship in Psychology University of Toronto <i>Institutional (CAN): \$10, 740</i>
2016 – 2017	University of Toronto Fellowship University of Toronto <i>Institutional (CAN): \$10, 000</i>
2013 – 2016	Post-graduate Scholarship Natural Sciences and Engineering Research Council of Canada <i>National (CAN): \$63, 000</i>
2012 – 2013	Alexander Graham Bell Scholarship Natural Sciences and Engineering Research Council <i>National (CAN): \$17, 500</i>

## HONOURS & AWARDS

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2024	Principal's Research Excellence Award (Emerging Researcher) York University, Glendon Campus <i>Institutional</i>
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- 2023 NSERC Undergraduate Student Research Award  
Natural Sciences and Engineering Research Council of Canada  
*Recipient: Shihara Fernando (Research Assistant)*  
*National (CAN): \$6, 000*
- 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

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\*\* Undergraduate or graduate mentee

Honey, C., Mahabal, A., Bellana, B. (2023). Psychological Momentum. *Current Directions in Psychological Science*. 32(4), 284-292. [\[link\]](#)

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. [\[link\]](#)

Bellana, B., Mahabal, A., & Honey, C.J. (2022). Narrative thinking lingers in spontaneous thought. *Nature Communications*. 13(1), 4585. [\[link\]](#)

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. [\[link\]](#)

Romero, K., Ladyka-Wojcik, 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*. [\[link\]](#)

Bellana, B., Mansour, R.\*\*, Ladyka-Wojcic, 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. [\[link\]](#)

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. [\[link\]](#)

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. [\[link\]](#)

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. [\[link\]](#)

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

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

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

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. [\[link\]](#)

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. [\[link\]](#)

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

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## MANUSCRIPTS IN PREPARATION

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\*\* Undergraduate or graduate mentee

Cheng, Z., Bellana, B., Fynes-Clinton, Fisher, W.\*\*, Addis, D.R. Pandemics stories: How autobiographical and collective narratives develop over time.

Ferneci, C., Cheng, Z., Addis, D.R., Bellana, B., Sheldon, S. *Natural Language Processing: Mapping how we remember.*

Fisher, W\*\*., Cyr, A-A., & Bellana, B. Recall of scrambled narratives reveals schematization of memories.

Fisher, W\*\*., Fernando, S.\*\*, Palacios, G., Honey, C. J., & Bellana, B. Deep processing causes recent experiences to persist in spontaneous thought.

Li, X., Ni, N. K., Born, S., Gualano, R., Lee, I., & Bellana, B.\*, Chen, J.\* (2024) Agency personalizes naturalistic event memory.

\*Co-senior author

Wang, L\*\*., Mar, R., & Bellana, B. Predicting timelessness in novels from word composition.

## INVITED TALKS

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Bellana, B. (2024). Psychological momentum. *Ebbinghaus Empire Seminar at the University of Toronto.*

Toronto, ON, CAN, Sep 2024.

Bellana, B. (2024). Stories as a window into human memory and spontaneous thought. *Rotman Research Institute Rounds.*

Toronto, ON, CAN, March 2024.

Bellana, B. (2023). Psychological momentum. *Annual Meeting of the Memory Disorders Research Society (MDRS).*

Los Angeles, CA, USA. Sep 2023.

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.

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

Bellana, B. (2022). Narrative thinking lingers in spontaneous thought. *Department of Psychology at Ryerson University.*

Mar 2022. \*Event was held virtually

Bellana, B. (2022). Stories, deep processing and spontaneous thought. *Innovators in Cognitive*

*Neuroscience.*

Feb 2022. \*Event was held virtually

Bellana, B. (2021). Narrative thinking lingers in spontaneous thought. *Annual Meeting of the Memory Disorders Research Society.*

Oct 2021. \*Event was held virtually

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

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

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

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

Bellana, B. (2018). Prior knowledge, recollection and the angular gyrus. *Ebbinghaus Empire Seminar at the University of Toronto.*

Toronto, ON, CAN, Sep 2018.

Bellana, B. (2018). The role of the angular gyrus in episodic memory. *Rotman Research Institute Rounds.*

Toronto, ON, CAN, March 2018.

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**

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\*\* *Undergraduate or graduate mentee*

Fisher, W\*\*, Cyr, A-A., & Bellana, B. (2024). Quantifying episodicity in the recall of scrambled narratives. *8<sup>th</sup> Spring Meeting of the Toronto Area Memory Group.*

Toronto, ON, CAN. May 2024.

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.

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.

Fisher, W.\*\*, Cyr, A-A., & Bellana, B. (2023). Quantifying memory transformation with scrambled stories. *7<sup>th</sup> Spring Meeting of the Toronto Area Memory Group*. Toronto, ON, CAN. May 2023.

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

Bellana, B. (2019). A narrative mode of cognition. *Princeton Meeting for Curious Minds 2019*. Princeton, NJ, USA. Aug 2019.

Bellana, B. (2019). Dynamics of predictability (and value) in narratives. *Princeton Meeting for Curious Minds 2019*. Princeton, NJ, USA. Aug 2019.

Bellana, B. (2018). The role of prior knowledge in recollection. *Spring Meeting of the Toronto Area Memory Group*. Toronto, ON, CAN. May 2018.

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.

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**

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\*\* *Undergraduate or graduate mentee*

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

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

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.

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.

- Palacios Kressin, G., Bellana, B., Honey, C. J. (2024) Blocking persistent mental content. *Context and Episodic Memory Symposium 2024*. Philadelphia, PA, USA, May 2024.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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
- 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
- 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.
- 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.
- 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.

- 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
- 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
- Bellana, B., Grady, C.L. & Moscovitch, M. (2017) Angular gyrus simultaneously tracks recollection strength and task-irrelevant prior knowledge. *Annual Meeting of the Memory Disorders Research Society*. Chicago, IL, USA, September 2017.
- Brunec, I.K.\*, Bellana, B.\*, Ozubko, J.D., Barense, M.D. & Moscovitch, M. (2017). Distinct patterns 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
- Bellana, B., Grady, C.L. & Moscovitch, M. (2017) Effect of prior knowledge and encoding duration on recognition memory for faces. *27<sup>th</sup> Annual Rotman-Baycrest Neuroscience Conference*. Toronto, ON, CAN, March 2017.
- 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.
- 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
- 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. *25<sup>th</sup> Annual Rotman Baycrest Neuroscience Conference*. Toronto, ON, CAN, March 2015. \* Equal contributions
- 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.
- Chung-Fat-Yim, A., Mesite, L., Bellana, B., Luk, G. & Bialystok, E. (2015). White matter differences between monolingual and bilingual young adults. *22<sup>nd</sup> Annual Meeting of the Cognitive Neuroscience Society*. San Francisco, CA, USA, March 2015.
- 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.

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.

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.

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.

Bellana, B., Leach, L. & Proulx, G. B. (2012). An Analysis of the Kaplan-Baycrest Neurocognitive Assessment in Dementia and Normal Ageing. *73<sup>rd</sup> Annual Convention of the Canadian Psychological Association*. Halifax, NS, CAN, June 2012.

## **PROFESSIONAL ACTIVITIES & AFFILIATIONS**

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### **Ad-hoc Reviewer:**

- Cerebral Cortex
- Brain Structure and Function
- eLife
- eNeuro
- Emotion
- European Journal of Neuroscience
- Hippocampus
- Human Brain Mapping
- Journal of Exp. Psychology: General
- Journal of Exp. Psychology: Learning, Memory & Cognition
- Journal of Memory and Language
- Journal of Neuroscience
- Learning & Memory
- Nature Communications
- Nature Neuroscience
- Neuropsychologia
- Neurobiology of Learning and Memory
- npj Science of Learning
- PloS Biology
- Scientific Reports

### **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

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### 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

### **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; *YorkU*): BA student at York University
- Julien Quickstad (2024 – Present; *YorkU*): BA student at York University
- Zoé Labonté (2023 – 2024; *YorkU*): BA student at York University
- Leyao Wang (2023 – 2024; *YorkU*): BSc student at York University
- Maria Moncaleano Espinosa (2022 – 2023; *YorkU*): BSc student at York University
- Olivia Arski (2018 – 2019; *UofT*): MA student at the University of Toronto
- Rania Mansour (2016 – 2017; *UofT*): Completed MA at University of Pennsylvania

Research Assistantships

- Celina Therriault (2024 – Present; *YorkU*): BA student at York University
- Christiane Marie Canillo (2022 – Present; *YorkU*): BA student at York University
- Anna Hu (2020 – Present; *JHU*): BSc student at Johns Hopkins University
- Maab Abdel Kadir (2024; *YorkU*): BA student at York University
- Pranitha Rajakrishan (2023; *YorkU*): BSc student at York University
- Shihara Fernando (2022 – 2023; *YorkU*): BA student at York University
- William Fisher (2022 – 2023; *YorkU*): BSc student at York University
- Riya Trikha (2022 – 2023; *YorkU*): BA student at York University
- Hannah Collins-Doijode (2020 – 2021; *JHU*): BA student at Johns Hopkins University
- Natalia Ladyka-Wojcik (2015 – 2018; *UofT*): PhD student at the University of Toronto
- Tanya Grocholsky (2018; *UofT*): Completed BSc at the University of Toronto
- Selin Goksoy (2018; *UofT*): Completed BSc at the University of Toronto
- Dana Arafeh (2018; *UofT*): Completed BSc at the University of Toronto
- Anna Waisman (2018; *UofT*): Completed BSc at the University of Toronto
- Shany Lahan (2016 – 2017; *UofT*): PhD student at Western University
- Lynn Van Kampen (2015; *UofT*): Completed MSc at the University of Toronto
- Cristina Pierpaoli (2014; *UofT*): Completed PhD at the University of Alabama

## Teaching Certifications:

2020

Teaching Academy Fellow  
Johns Hopkins University

## Advanced Training and Workshops:

Mentoring Best Practices – by Yael Niv and Laura Murray (Spring 2023)

- Online synchronous, active-learning course on how to be a good mentor for cognitive neuroscientists

Pizza & Pedagogy Series at Johns Hopkins University (2020)

- Implicit Bias in the Learning Environment and Creating Inclusive Teaching Settings
- What makes a good syllabus? Basics and beyond

Krieger Arts & Sciences Graduate Teaching Seminar at Johns Hopkins University (2020)

- An Introduction to Group Work
- New Ways to Grade

Teaching Academy at Johns Hopkins University (2019)

- 3-day Intensive Teaching Institute

## TECHNICAL PROFICIENCIES

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- Statistics: *R*
- Neuroimaging: *AFNI, FSL, Matlab*
- Online testing: *Javascript, HTML, CSS, Psiturk, Mturk, Prolific*
- Experiment-building: *Eprime, PsychoPy*
- General: *Unix shell (bash), Python (intermediate)*

## PERSONAL

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*Citizenship:* Canadian

*Languages:* English (fluent) and French (intermediate)

## REFERENCES

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Morris Moscovitch, Ph.D.  
Professor and PhD Advisor  
Department of Psychology  
University of Toronto, Toronto CAN  
[morris.moscovitch@utoronto.ca](mailto:morris.moscovitch@utoronto.ca)

Janice Chen, Ph.D.  
Assistant Professor and Postdoctoral Advisor  
Department of Psychological & Brain Sciences  
Johns Hopkins University, Baltimore MD USA  
[janice@jhu.edu](mailto:janice@jhu.edu)

Cheryl L. Grady, Ph.D.  
Senior Scientist and PhD Advisor  
Rotman Research Institute  
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