Effie J. Pereira

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RESEARCH AREAS OF INTEREST

Attentional Dynamics | Temporal Factors | Social Situations | Internal Thoughts | Digital Environments
Behavioural Experiments | Psychophysiological Measures | Computational Analysis | Ecological Design

ACADEMIC POSITIONS

- **Assistant Professor, Department of Psychology** — 2024 - Present
Queen's University, Kingston, Canada

EDUCATION & TRAINING

- **NSERC Postdoctoral Research Fellow** — 2020 - 2023
University of Waterloo, Waterloo, Canada — Advisor: Dr. Daniel Smilek

- **PhD, Experimental Psychology** — 2014 - 2020
McGill University, Montreal, Canada — Advisor: Dr. Jelena Ristic

- **Master of Science, Psychology** — 2012 - 2014
Queen's University, Kingston, Canada — Advisor: Dr. Monica Castelhano

- **Bachelor of Arts Honours, Psychology and Economics** — 2004 - 2008
Queen's University, Kingston, Canada — Advisor: Dr. Ronald Holden

PUBLICATIONS

19 peer-reviewed publications (14 first author) | 3 manuscript submitted

student trainees are underlined

1) **Pereira, E. J.***, Ayers-Glassey, S.*, Wammes, J. D., & Smilek, D. (2024). Attention in hindsight: Using stimulated recall to capture dynamic fluctuations in attentional engagement. *Behavior Research Methods, 56*(6), 5354-5385.

   ** Equal contribution to the manuscript*

2) Drody, A. C.*, **Pereira, E. J.***, & Smilek, D. (2023). The importance of accounting for off-task behaviours during data collection. *Nature Human Behavior, 7*, 1234–1236.

   ** Equal contribution to the manuscript*

3) Drody, A. C., **Pereira, E. J.**, & Smilek, D. (2023). A desire for distraction: Uncovering the rates of media multitasking during online research studies. *Scientific Reports, 13*, 781.

4) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (2022). Social attention as a general mechanism? Demonstrating the influence of stimulus content factors on social attentional biasing. *Journal of Experimental Psychology: Human Perception & Performance, 48*(4), 289–311.

5) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (2022). Infrequent faces bias social attention differentially in manual and oculomotor measures. *Attention, Perception, & Psychophysics, 84*, 829–842.

6) **Pereira, E. J.**, Gurguryan, L., & Ristic, J. (2020). Trait-level variability in attention modulates mind wandering and academic achievement. *Frontiers in Psychology, 11*, 909.

7) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (2019). Contextually-based social attention diverges across covert and overt measures. *Vision, 3*(2), 29.

8) **Pereira, E. J.** & Castelhano, M. S. (2019). Attentional Capture is Contingent on Scene Region: Using Surface Guidance Framework to Explore Attentional Mechanisms during Search. *Psychonomic Bulletin & Review*, *26*(4), 1273–1281.

9) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (2019). The eyes do not have it after all? Attention is not automatically biased towards faces and eyes. *Psychological Research, 84*(5), 1407–1423.

10) Hayward, D. A.*, **Pereira, E. J.***, Otto, A. R., & Ristic, J. (2017). Smile! Social reward drives attention. *Journal of Experimental Psychology: Human Perception and Performance, 44*(2), 206–214.

    ** Most Outstanding Empirical Paper, APA Division 3 Society for Experimental Psychology & Cognitive Science*
    ** Equal contribution to the manuscript*

11) Castelhano, M. S. & **Pereira, E. J.** (2017). The Influence of Scene Context on Parafoveal Processing of Objects. *Quarterly Journal of Experimental Psychology*, 1–42.

12) **Pereira, E. J.** & Castelhano, M. S. (2015). Peripheral Guidance in Scenes: The Interaction of Scene Context and Object Content. In *Particularly Exciting Experiments in Psychology: Scene Context and Visual Search, 46*.

13) **Pereira, E. J.** & Castelhano, M. S. (2014). Peripheral Guidance in Scenes: The Interaction of Scene Context and Object Content. *Journal of Experimental Psychology: Human Perception and Performance, 40,* 2056–2072.

14) **Pereira, E. J.**, Driver, H. S., Stewart, S. C., & Fitzpatrick, M. F. (2013). Comparing a Combination of Validated Questionnaires and Level III Portable Monitor with Polysomnography to Diagnose and Exclude Sleep Apnea. *Journal of Clinical Sleep Medicine, 9,* 1259–1266.

15) **Pereira, E. J.**, Sim, L., Driver, H. S., Parker, C. J., & Fitzpatrick, M. F. (2013). The Effect of Inhaled Menthol on Upper Airway Resistance in Humans. *Canadian Respiratory Journal, 20,* 1–4.

16) Toukh, M., **Pereira, E. J.**, Falcon, B. J., Liak, C., Lerner, M., Hopman, W. M., Iscoe, S., Fitzpatrick, M. F., & Othman, M. (2012). The Effect of CPAP on Hypercoagulability in patients with Severe OSA as assessed by Thromboelastography. *Respiratory Physiology & Neurobiology, 183,* 218–223.

17) Pang, H., Redfearn, D. P., Simpson, C. S., Michael, K., **Pereira, E. J.**, Munt, P. W., Fitzpatrick, M. F., & Baranchuk, A. (2011). Reverse atrial electrical remodeling induced by CPAP in patients with severe sleep apnea. *Canadian Journal of Cardiology, 27,* 122–123.

18) Driver, H. S., **Pereira, E. J.**, Bjerring, K., Toop, F., Stewart, S. C., Munt, P., & Fitzpatrick, M. F. (2011). Validation of the MediByte® Type 3 Portable Monitor compared with Polysomnography for the screening of Obstructive Sleep Apnea. *Canadian Respiratory Journal, 18,* 137–143.

19) **Pereira, E. J.**, Kroner, D. G., Holden, R. R., & Flamenbaum, R. (2010). Testing Shneidman's model of suicidality in incarcerated offenders and in undergraduates. *Personality and Individual Differences, 49,* 912–917.

Articles under review

1) Drody, A. C.*, **Pereira, E. J.***, & Smilek, D. Attention in our digital ecosystem: The five interactive components that drive volitional media multitasking. *Psychonomic Bulletin & Review.*

   ** Equal contribution to the manuscript*

2) **Pereira, E. J.** & Ristic, J. Beauty in the eye of the beholder: Attention to attractive faces dissociates across covert and overt measures. *Attention, Perception, & Psychophysics.*

3) Ayers-Glassey, S., **Pereira, E. J.**, Wammes, J. D., & Smilek, D. Examining the accuracy of temporally specific recollections of prior mind-wandering states. *Journal of Applied Research in Memory & Cognition.*

Articles in preparation

4) **Pereira, E. J.** & Ristic, J. On-task, Off-task, Rinse, & Repeat: Fluctuating patterns of attentive and mind wandering states are associated with differential outcomes. *Status: being reviewed by co-authors.*

5) **Pereira, E. J.**, Gurguryan, L., & Ristic, J. Mind wandering in the real world diverges across social and digital activities. *Status: being reviewed by co-authors.*

6) **Pereira, E. J.**, Liu, Y. Q., & Castelhano, M. S. Inhibition of attention to irrelevant scene regions: Investigating mechanisms of attention during visual search in scenes. *Status: in revision.*

7) Castelhano, M. S., & **Pereira, E. J.** Searching through the Clutter: Using Surface Guidance Framework to Explore Set Size Effects in Scenes. *Status: in revision.*

8) **Pereira, E. J.**, Gurguryan, L., Sheldon, S., & Ristic, J. Variability in the social content of mind wandering is associated with intrinsic connectivity within the default network. *Status: data analysis.*

9) **Pereira, E. J.**, Heitzner, J., Stuart, N., Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D. Attention and learning during online video lectures are influenced by the presence and relevance of chat comments. *Status: data analysis.*

10) **Pereira, E. J.** & Ristic, J. Who are you again? Context and not content impairs memory for personal identity. *Status: data analysis.*

11) Ayers-Glassey, S., **Pereira, E. J.**, Hicks, L., Korst-Fagundes, B., & Smilek, D. Examining the presence of self-video in contributing to attentional and memorial deficits of Zoom fatigue. *Status: data analysis.*

PRESENTATIONS

40 conference presentations (25 first author) | 16 invited talks

student trainees are underlined

Conference Presentations

1) Ayers-Glassey, S., **Pereira, E. J.**, Wammes, J. D., & Smilek, D. (Jun 2024). *Where was my mind? Examining the accuracy of temporally specific recollections of prior mind-wandering states.* Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Edmonton, AB.

2) **Pereira, E. J.**, Ayers-Glassey, S., Hicks, L., Korst-Fagundes, B., & Smilek, D. (Jul 2023). *Using machine learning to categorize facial emotions during online video communications*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Guelph, ON.

3) Heitzner, J., **Pereira, E. J.**, Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D. (Jul 2023). *Are attention and learning during online video lectures influenced by the presence and relevance of chat comments?* Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Guelph, ON.

4) **Pereira, E. J.**, Ayers-Glassey, S., Wammes, J. D., & Smilek, D. (Jun 2023). *Cognition in hindsight: A novel way to capture dynamic changes in attentional engagement over time*. Talk, Canadian Psychological Association, Toronto, ON.

5) Drody, A., **Pereira, E. J.**, Ralph, B. C. W., Danckert, J., & Smilek, D. (May 2023). *Examining the influence of motivation on media multitasking over time-on-task*. Poster, Association for Psychological Science Annual Conference, Washington, DC.

6) Ayers-Glassey, S., **Pereira, E. J.**, Wammes, J. D., & Smilek, D. (Feb 2023). *How memorable are momentary states of mind-wandering?* Poster, Lake Ontario Visionary Establishment Conference, Niagara Falls, ON.

7) Ayers-Glassey, S., **Pereira, E. J.**, Wammes, J. D., & Smilek, D. (Jul 2022). *Mind-wandering is not as memorable as attentional engagement: Probe framing affects retrospective reporting of remembered attentional states*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Halifax, NS.

8) Smith, A. C.*, **Pereira, E. J.**, & Smilek, D. (Jul 2022). *Does 'the pill' predict attention? The relation between oral contraceptive use and sustained attention*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Halifax, NS.

   ** CSBBCS Hebb Student Award, Best Oral Presentation*

9) **Pereira, E. J.** & Ristic, J. (May 2022). *Faces may not be special for attention after all*. Poster, Vision Sciences Society, Virtual Meeting.

10) **Pereira, E. J.**, Ayers-Glassey, S., Wammes, J. D., & Smilek, D. (Jun 2021). *Interested minds are predictable minds: Establishing a link between individual traits and temporal fluctuations of attentional engagement*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Virtual Meeting.

11) Ayers-Glassey, S.*, **Pereira, E. J.**, Wammes, J. D., & Smilek, D. (Jun 2021). *Attention in hindsight: Using video-stimulated recall as a novel approach to capturing fluctuations in self-reported attentional engagement*. Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Virtual Meeting.

   ** CSBBCS Hebb Student Award, Best Poster Presentation*

12) Smith, A. C., **Pereira, E. J.**, & Smilek, D. (Jun 2021). *Examining the relation between oral contraceptive use and trait- and state-level attention*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Virtual Meeting.

13) **Pereira, E. J.***, Birmingham, E., & Ristic, J. (Nov 2020). *Covert and overt social attention is differentially affected by a reintroduction of face novelty, context, and attractiveness*. Poster, Psychonomics Society, Virtual Meeting.

   ** J. Frank Yates Student Conference Award*

14) **Pereira, E. J.**, Gurguryan, L., Sheldon, S., & Ristic, J. (Nov 2019). *Variability in the content of mind wandering is associated with intrinsic connectivity within the default network*. Poster, Object, Perception, Attention, & Memory, Montreal, QC.

15) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (Nov 2019). *Overt social attention is differentially affected by differences in stimulus content information*. Poster, Psychonomics Society, Montreal, QC.

16) **Pereira, E. J.*** & Ristic, J. (June 2019). *Within-individual oscillatory patterns in mind wandering and attentive states are associated with functional life outcomes*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, ON.

   ** CSBBCS Hebb Student Award, Runner-up for Best Oral Presentation*

17) **Pereira, E. J.*** & Ristic, J. (May 2019). *Within-individual oscillatory patterns in mind wandering and attentive states are associated with functional life outcomes*. Talk, Healthy Brains for Healthy Lives Research Day, Montreal, QC.

    ** CFREF Healthy Brains for Healthy Lives Award, Best Oral Presentation*

18) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (May 2018). *Looking at faces is differentially modulated by context and novelty*. Poster, Vision Sciences Society, St. Pete Beach, FL.

19) **Pereira, E. J.**, Markham, R., & Ristic, J. (Nov 2017). *Who are you again? The butcher-on-the-bus phenomenon revisited*. Poster, Object, Perception, Attention, & Memory, Vancouver, BC.

20) **Pereira, E. J.** & Ristic, J. (Nov 2017). *On-task, Off-task, Rinse, & Repeat: Oscillatory patterns of mind wandering predict real-world functioning*. Poster, Psychonomics Society, Vancouver, BC.

21) Ristic, J., Birmingham, E., & **Pereira, E. J.** (Nov 2017). *Searching for the social attention bias*. Talk, Psychonomics Society, Vancouver, BC.

22) **Pereira, E. J.**, Gurguryan, L., & Ristic, J. (Jun 2016). *Functional fractionation of the default mode network is associated with real-world mind wandering behaviours*. Talk, Canadian Society for Brain, Behaviour, and Cognitive Science, Ottawa, ON.

23) Gurguryan, L., **Pereira, E. J.**, & Ristic, J. (Jun 2016). *Wandering Minds & Dwindling Grades: Temperament traits and academic performance predict rates of mind wandering*. Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Ottawa, ON.

24) **Pereira, E. J.**, Birmingham, E., & Ristic, J. (May 2016). *The Eyes don't have it after all? Attention is not biased towards faces or eyes*. Poster, Vision Sciences Society, St. Pete Beach, FL.

25) **Pereira, E. J.**, Gurguryan, L., & Ristic, J. (Jun 2015). *Controlling a Wandering Mind: Tasks dictate differences in the estimates of mind wandering*. Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Ottawa, ON.

26) Hayward, D. A., **Pereira, E. J.**, Vogel, T. A., Stewart, K. E., & Ristic, J. (May 2015). *What's that smile worth? Social reward influences spatial orienting*. Poster, Vision Sciences Society, St. Pete Beach, FL.

27) Tian, L., **Pereira, E. J.**, & Castelhano, M. S. (Nov 2014). *Is a Picture worth a Thousand Objects? How Set Size and Scene Context affect Visual Search Efficiency*. Poster, Object, Perception, Attention, & Memory, Long Beach, CA.

28) **Pereira, E. J.**, Liu, Y. Q., & Castelhano, M. S. (Jul 2014). *Inhibition of attention to irrelevant areas of a scene: Investigating mechanisms of attention during visual search*. Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Toronto, ON.

29) **Pereira, E. J.**, Liu, Y. Q., & Castelhano, M. S. (May 2014). *Inhibition of attention to irrelevant areas of a scene: Investigating mechanisms of attention during visual search*. Poster, Vision Sciences Society, St. Pete Beach, FL.

30) **Pereira, E. J.** & Castelhano, M. S. (Feb 2014). *The Influence of Scene Context on Parafoveal Processing of Objects*. Poster, Lake Ontario Visionary Establishment Conference, Niagara Falls, ON.

31) **Pereira, E. J.** & Castelhano, M. S. (May 2013). *The Influence of Scene Context on Parafoveal Processing of Objects*. Poster, Vision Sciences Society, Naples, FL.

32) **Pereira, E. J.**, David, L. A., Stefanik, L. N., & Bowie, C. R. (Apr 2013). *Deconstructing the Wisconsin Card Sort Test: Investigating Cognitive Impairments in Schizophrenia using Eye Tracking*. Poster, International Congress on Schizophrenia Research: Cognition Satellite Meeting, Orlando, FL.

33) Gupta, M., **Pereira, E. J.**, Stefanik, L., Holshausen, K., David, L., & Bowie, C. R. (Apr 2013). *Cognitive mechanisms underlying adaptive behaviour on a performance-based measure in schizophrenia: An eye tracking study*. Poster, International Congress on Schizophrenia Research: Cognition Satellite Meeting, Orlando, FL.

34) **Pereira, E. J.** & Castelhano, M. S. (May 2012). *On-Line Contributions of Peripheral Information to Visual Search in Scenes: Further Explorations of Object Content and Scene Context*. Poster, Vision Sciences Society, Naples, FL.

35) Berenbaum, E. M., Latimer-Cheung, A. E., Castelhano, M., & **Pereira, E.** (Oct 2011). *Gaining attention: The effects of message framing on attention towards physical activity messages*. Poster, Canadian Society for Psychomotor Learning and Sport Psychology, Winnipeg, MB.

36) **Pereira, E. J.**, Driver, H. S., Stewart, S. C., & Fitzpatrick, M. F. (Jul 2011). *Validated Questionnaires and an Ambulatory Monitor in the Diagnosis of Obstructive Sleep Apnea*. Symposium Talk, Conference of the Canadian Sleep Society, Quebec City, QC.

37) **Pereira, E. J.**, Tang, C., Glew, J. R., Driver, H. S., & Fitzpatrick, M. F. (Jul 2011). *Expiratory Threshold Loading in Obesity and Obstructive Sleep Apnea*. Poster, Conference of the Canadian Sleep Society, Quebec City, QC.

38) **Pereira, E. J.** & Castelhano, M. S. (May 2011). *Guidance during Visual Search in Real-World Scenes: Scene Context vs. Object Content*. Poster, Vision Sciences Society, Naples, FL.

39) **Pereira, E. J.**, Kroner, D. G., Holden, R. R., & Flamenbaum, R. (Jun 2009). *The Importance of Psychache in Statistically Predicting Suicidality and Self-Harm in Samples of Federal Offenders and Undergraduates*. Poster, Canadian Psychological Association Convention, Montreal, QC.

40) Driver, H., Bjerring, K., Toop, F., **Pereira, E.**, Toop, F., Stewart, S., Munt, P., & Fitzpatrick, M. (Apr 2009). *Evaluation of a Portable Monitor compared with Polysomnography for the Diagnosis of Obstructive Sleep Apnea*. Poster, Conference of the Canadian Sleep Society, Toronto, ON.

Invited Talks & Lectures

1) **Pereira, E. J.** (Mar 2024). *Academic & Industry Careers in Neuroscience*. Panel Member, Women in Neuro Conference, Kingston, ON.

2) **Pereira, E. J.** (Mar 2024). *Attention in Context: Lost in a storm of time*. Guest Lecture, Research Methods in Psychology, Queen's University, Kingston, ON.

3) **Pereira, E. J.** (Feb 2024). *Finding the "I" in attention*. Talk, Connected Minds Research Retreat, Toronto, ON.

4) **Pereira, E. J.** (Mar 2021). *Characterizing temporal fluctuations in mind wandering & attentional states*. Talk, Correlats Subjectifs Laboratory Group, Paris, France.

5) **Pereira, E. J.** (Sep 2020). *Methods in Cognitive Neuroscience*. Guest Lecture, Special Topics in Neuropsychology, McGill University, Montreal, QC.

6) **Pereira, E. J.** (May 2020). *As the Mind Wanders: Studying internal attention in cognitive psychology*. Guest Lecture, Cognition, McGill University, Montreal, QC.

7) **Pereira, E. J.** (Nov 2019). *The Neuropsychology of Mind Wandering*. Guest Lecture, Special Topics in Neuropsychology, McGill University, Montreal, QC.

8) **Pereira, E. J.** (Jun 2019). *The Wandering Mind: Where your attention goes when you are not looking*. Guest Lecture, Cognition, McGill University, Montreal, QC.

9) **Pereira, E. J.** (Jan 2019). *Oscillatory patterns of mind wandering predict real-world costs & benefits*. Talk, Graduate Student Colloquium, McGill University, Montreal, QC.

10) **Pereira, E. J.** (Nov 2018). *Mind Wandering: More than just the fault in our stars*. Guest Lecture, Special Topics in Neuropsychology, McGill University, Montreal, QC.

11) **Pereira, E. J.** (Nov 2018). *Conceptualizing social attention in cognitive developmental research*. Guest Lecture, Cognitive Development, McGill University, Montreal, QC.

12) **Pereira, E. J.** (Aug 2018). *Oscillatory patterns of mind wandering predict real-world costs & benefits*. Talk, Symposium on Nonlinear Dynamics, Montreal, QC.

13) **Pereira, E. J.** (Oct 2017). *Applying to Graduate School*. Panel Member, Psychology Honours Research Seminar, McGill University, Montreal, QC.

14) **Pereira, E. J.** (Mar 2017). *Applying to Graduate School*. Panel Member, Psychology Honours Seminar, McGill University, Montreal, QC.

15) **Pereira, E. J.** (Sep 2016). *Functional fractionation of the default mode network is associated with real-world mind wandering behaviours*. Talk, Graduate Student Colloquium, McGill University, Montreal, QC.

16) **Pereira, E. J.** (Jun 2012). *The Utility of Questionnaires & Portable Monitoring for the Diagnosis of Obstructive Sleep Apnea*. Symposium Talk, Ottawa-Kingston Respirology PneumoClub, Ottawa, ON.

ARTICLES

1) Funk, A.*, Funston, G. A.*, Michaels, J. A.*, Moritz, S. C.*, **Pereira, E. J.***, & Toombs, E.* (2023). Building Better Bantings: Connecting Canada's postdoctoral fellows is critical for Canada's scientific future. *Canadian Science Policy Magazine*.

   ** Equal contribution to the manuscript*

INDUSTRY COLLABORATIONS

- **Pereira, E. J.** (2019). EyeLink-Biosemi EEG software integration, Experiment Builder v.2.2.1. Development & Testing; *SR Research*.
- **Pereira, E. J.** (2015). GridWare State Space Grids macro software design, Macro Catalogue v.2. Programming; *Adolescent Dynamics Laboratory*.

PRESS COVERAGE

- Waterloo News (2021). *Wandering minds and dysfunctional emotions*.
- Psychonomic Society (2020). *Sensory information, goals, and prior knowledge come together to capture attention*.
- Science Trends (2019). *Looking at versus focusing on faces: What attracts our attention?*

RESEARCH FUNDING

Active Grants

• CFI John R. Evans Leaders Fund *Uncovering the temporal dynamics of selective attention*	*PI*	Under Review	
• NSERC Discovery Grant *Uncovering the basic mechanisms that drive the temporal dynamics of selective attention*	*PI*	Under Review	
• CFREF Connected Minds *Research Initiation Grant*	*PI*	$225,000	2024 - 2029
• Queen's University *Research Initiation Grant*	*PI*	$158,000	2024 - 2027

Prior Funding

• Waterloo Banting Research & Leadership Funding	*Institutional*	$25,000	2022 - 2024
• NSERC Banting Postdoctoral Fellowship * ** Ranked 2nd out of all applicants*	*International*	$140,000	2022 - 2024
• Lupina Foundation Postdoctoral Research Fellowship	*Institutional*	$65,000	2021 - 2023
• NSERC Postdoctoral Fellowship * ** Ranked 3rd out of all applicants*	*National*	$90,000	2020 - 2022
• CFREF Healthy Brains for Healthy Lives Graduate Fellowship	*Institutional*	$15,000	2018 - 2019
• NSERC CREATE Complex Dynamics Graduate Award	*Institutional*	$26,000	2017 - 2018
• NSERC Post-Graduate Doctoral Scholarship	*National*	$63,000	2014 - 2017
• Queen Elizabeth Graduate Scholarship in Science & Technology	*National*	$15,000	2013 - 2014
• R. S. McLaughlin Fellowship	*Institutional*	$10,000	2012 - 2013

AWARDS AND HONOURS

• CSPC Science Meets Parliament Delegate	*National*		2023
• J. Frank Yates Student Conference Award	*International*	$1,000	2020
• Post-Graduate Student Society Travel Award	*Institutional*	$1,000	2020
• Mendelson Travel Award	*Institutional*	$300	2020
• CFREF Healthy Brains for Healthy Lives, Entrance Scholarship for IVADO / MILA Deep Learning School	*Institutional*	$500	2019
• CSBBCS Hebb Student Award, Runner-up for Best Oral Presentation	*International*	$100	2019
• CFREF Healthy Brains for Healthy Lives, Best Oral Presentation	*Institutional*	$500	2019
• Michael Quek Teaching Assistantship Award	*Institutional*	$50	2019

• APA Division 3 Society for Experimental Psychology & Cognitive Science, Most Outstanding Empirical Paper	*International*		2019
• Graduate Research Enhancement and Travel Award	*Institutional*	$300	2019
• DataCamp Scholarship for Women & Gender Minorities	*International*	$100	2018
• Graduate Chair Award for Outstanding Departmental Service	*Institutional*		2015
• NIMH Summer Institute in Cognitive Neuroscience Fellow	*International*	$1,000	2015
• Graduate Mobility Award	*Institutional*	$1,230	2014
• Graduate Excellence Fellowship	*Institutional*	$5,000	2014
• Queen's University Teaching Assistantship Award	*Institutional*		2013
• H. W. Curran Prize	*Institutional*	$1,000	2004

TEACHING EXPERIENCE

Course Instructor

- PSYC 325 Cognitive Neuroscience | Queen's University — Jan 2025 - Present
- PSYC 420 Cognition in the Digital Age | Queen's University — Jan 2024 - Apr 2024

Workshop Development

- R Summer Camp | McGill University | *Attendance: 250 undergraduate & graduate students* — Aug 2020
- Introduction to R | McGill University | *Attendance: 20 graduate students* — Feb 2016

Teaching Assistant

- Cognition | *Professor: Dr. Nida Latif* — May 2020 - Jun 2020
- Cognition | *Professor: Dr. Signy Sheldon* — Jan 2020 - Apr 2020
- Special Topics in Neuropsychology | *Professor: Dr. Jelena Ristic* — Sep 2019 - Dec 2019
- Cognition | *Professor: Dr. Nida Latif* — Jun 2019 - Jul 2019
- Statistics for Experimental Design | *Professor: Dr. Carl Falk* — Jan 2019 - Apr 2019
- Cognitive Development * | *Professor: Dr. Kris Onishi* — Sep 2018 - Dec 2018
- Research Methods in Psychology ** | *Professor: Dr. Daryl Wilson* — Jan 2014 - Apr 2014
- Introductory Psychology | *Professors: Dr. Jill Atkinson & Dr. Ingrid Johnsrude* — May 2013 - Aug 2013
- Introductory Psychology | *Professors: Dr. Jill Atkinson & Dr. Ingrid Johnsrude* — Sep 2012 - Apr 2013

** Awarded the McGill University Michael Quek Teaching Assistantship Award*

*** Awarded the Queen's University Psychology Teaching Assistantship Award*

RESEARCH TRAINING

3 graduate mentorships | 19 honours theses / directed studies | 36 RAs

** students who are co-authors on publications, ** students who were awarded with best poster / talk at conferences*

Primary Supervision

• Jocelyne Harling	Honours thesis	Sep 2024 - Present
• Mridula Srikanth	Honours thesis	Sep 2024 - Present
• Emma Jamieson	Directed research course	Jan 2025 - Present
• Yvonne Pelau	Directed research course	Sep 2024 - Present
• Ryan Thompson	Directed research course	Sep 2024 - Present
• Madhumita Rajagopal	Lab coordinator	Sep 2024 - Present
• Selina Chalmers	Research assistant	Sep 2024 - Present
• Maddison De Beaupre	Research assistant	Sep 2024 - Present
• Angelina Liu	Research assistant	Sep 2024 - Present
• Aleah Williamson	Research assistant	Sep 2024 - Present

Graduate Advisory Committees

• Riley Bonar	MSc student	May 2024 - Present
• Tristan De Cotiis	MSc student	May 2024 - Present
• Rachel Pitman	MSc student	May 2024 - Present
• Silvia Shiwei Zhou	MSc student	May 2024 - Present

Thesis Examining Committees

• Aaron Ruberto	MSc student	Dec 2024
• Ruien Wang	MSc student	Aug 2024

Co-supervision & Mentorship (*with Dr. Daniel Smilek*)

• Samantha Ayers-Glassey*	PhD student	Sep 2020 - Present
• Allison Drody*	PhD student	Sep 2020 - Present
• Zion Leatham	MSc student	Sep 2021 - Aug 2023
• Jackie Heitzner*	Directed research course	Jan 2023 - Apr 2023
• Kudrat Singh, Vanessa Goodman, Enes Bal, Joshua Leung, Joyce Park*, Katherine Guo, Amy Wang, Chantal Trudel, Nicole Stuart*, Salone Verma	Research assistants	Sep 2020 - Dec 2023

Co-supervision & Mentorship (*with Dr. Jelena Ristic*)

• Julia Fuoco	Honours thesis	Sep 2017 - Apr 2019
• Yongyao Li	Honours thesis	Sep 2017 - Apr 2019
• Jacqueline Brown	Honours thesis	Sep 2016 - Apr 2017
• Iman Lahouaoula	Honours thesis	Sep 2016 - Apr 2017
• Nicole Ahn	Honours thesis	Sep 2015 - Apr 2016

• Mona Li	Honours thesis	Sep 2015 - Apr 2016
• Yun Lu	Honours thesis	Sep 2015 - Apr 2016
• Lauri Gurguryan*	Honours thesis	Sep 2014 - Apr 2015
• Jessica Michelin	Honours thesis	Sep 2014 - Apr 2015
• Kathleen Stewart	Honours thesis	Sep 2014 - Apr 2015
• Chloe Muller	Directed research course	Sep 2019 - Apr 2020
• Rachel Markham*	Directed research course	Sep 2016 - Apr 2017
• Olivia Larson**	Directed research course	Sep 2015 - Apr 2016
• Amrita Sandhu, Jessica Haight, Abigail Jakus, Juliette Ryan-Lortie, Moataz Salim, Soraya Afara, Cynthia Larche, Erica Brossard, Shannon Harrington, Jenna Morris, Krysten Stadel, Anjali Pandey, Eleanor Milman, Lovisa Ljungberg, ManLu Liu	Research assistants	Sep 2014 - Aug 2020

Co-supervision & Mentorship (*with Dr. Monica Castelhano*)

• Harrison Ritz, Heather Brooks, Keziah Uychocde, Laura Tian, Sasha Usyatynsky, Yu Qing Lin*	Research assistants	Sep 2012 - Aug 2014

EDITORIAL ACTIVITIES

Editorial Board

- Member | *Canadian Journal of Experimental Psychology* — Jan 2023 - Present

Journal Peer Reviewing

- Acta Psychologica | Behavior Research Methods | British Journal of Psychology | Canadian Journal of Experimental Psychology | Cognition and Emotion | Journal of Experimental Psychology: Human Perception & Performance | Journal of Vision | Psychological Trauma: Theory, Research, Practice, & Policy | Quarterly Journal of Experimental Psychology | Visual Cognition

Other Reviewing

- Poster Judge | Brain Awareness Day, *Centre for Neuroscience Studies* — May 2024
- Neurotechnology Judge | 'Synaptic Hacks' Hackathon, *Simply Neuroscience* — Aug 2021

SERVICE & COMMITTEE MEMBERSHIPS

National

- **Organizing Committee Member** — Jun 2023 - Present

Science Meets Parliament (SMP), Canadian Science Policy Centre

- **Senior Academic Mentor** Jan 2021 - Present
Action Potential Advising Program (APAP), Simply Neuroscience

- **Session Moderator** Jun 2021
Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS)

- **Departmental Representative** Sep 2015 - Aug 2016
Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS)

Departmental

- **Undergraduate Committee** Jul 2024 - Present
Department of Psychology, Queen's University

- **Library Representative** Jul 2024 - Present
Department of Psychology, Queen's University

- **Graduate Student Representative & Graduate Handbook Member** Sep 2019 - Dec 2020
Department of Psychology, McGill University

- **Graduate Program Quantitative Specialization Workgroup Member** Sep 2018 - Aug 2019
Department of Psychology, McGill University

- **Graduate Student Representative & Grievance Subcommittee Member** Sep 2015 - Aug 2017
Department of Psychology, McGill University

- **Hebb Lecture Series Committee Member** Sep 2015 - Aug 2017
Department of Psychology, McGill University

- **Cognitive Neuroscience Representative** Sep 2012 - Aug 2014
Association of Graduate Students in Psychology (AGSIP), Queen's University

WORK EXPERIENCE

- **Science Communication Editor** | Department of Psychology Sep 2014 - Dec 2021
McGill University, Montreal, Canada

- **Graphic Designer** | School of Computer Science Jan 2020 - Dec 2020
McGill University, Montreal, Canada

- **Technical Research Intern** | SR Research May 2018 - Jun 2019
Ottawa, Canada

- **Software Programmer** | Adolescent Dynamics Laboratory Sep 2012 - Aug 2014
Queen's University, Kingston, Canada

- **Research Associate** | Cognition in Psychological Disorders Laboratory Sep 2011 - Aug 2014
Queen's University, Kingston, Canada

- **Lab Manager & Research Associate** | Visual Cognition Laboratory Sep 2008 - Aug 2012
Queen's University, Kingston, Canada

- **Clinical Research Associate** | Sleep Disorders Laboratory Sep 2008 - Aug 2012
Kingston General Hospital, Kingston, Canada

PROFESSIONAL DEVELOPMENT & TRAINING

- CenterStat Multilevel Models for Hierarchical Data Workshop — Dec 2023
- UC Davis ERP Boot Camp — Aug 2023
- CenterStat Intensive Longitudinal Data Workshop — Jun 2023
- CenterStat Mixture Modeling & Latent Class Analysis Workshop — May 2023
- CenterStat Structural Equation Modeling Workshop — May 2021
- UC Davis ERP Decoding Bootcamp — Jun 2020
- IVADO / MILA Deep Learning School — Sep 2019
- Mouse-tracking Workshop — May 2019
- Machine Learning for the Cognitive Neurosciences Workshop — Oct 2018
- Resting-state & Brain Connectivity Workshop — Sep 2018
- The Virtual Brain Workshop — Aug 2018
- Brainstorm EEG Workshop — May 2018
- MATLAB Neuroscience Workshop — Sep 2017
- Workshop on Nonlinear Dynamic Methods — Aug 2017
- Kavli Summer Institute in Cognitive Science — Jul 2015
- R Programming Workshop — Jun 2015

PROFESSIONAL AFFILIATIONS

- Canadian Psychological Association | Canadian Society for Brain, Behaviour and Cognitive Science | Psychonomic Society | Queen's BiPOC Caucus | Simply Neuroscience | Vision Sciences Society | Women in Cognitive Science – Canada | Women in Neuro – Queen's | Women in Science and Engineering Network of Collaboration

TECHNICAL EXPERTISE

- Programming Languages: Python, R, Javascript, PHP, MATLAB, SQL, VBA, C++
- Hardware: EEG systems (BioSemi, EGI, Brain Vision), eye tracking systems (EyeLink, Tobii, Smart Eye, Pupil Labs)
- Software: EEGLab, Brainstorm, Experiment Builder, SPSS, Jamovi, StatView, Illustrator, InDesign