

Dr. Effie J. Pereira

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<https://effiejpereira.github.io>

RESEARCH AREAS OF INTEREST

Temporal Dynamics | Social Attention | Mind Wandering | Computational Analysis | Ecological Contexts

ACADEMIC POSITIONS

- **Assistant Professor, Department of Psychology** 2024 -
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 Castelhana
- **Bachelor of Arts Honours, Psychology and Economics** 2004 - 2008
Queen's University, Kingston, Canada Advisor: Dr. Ronald Holden

RESEARCH FUNDING

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

AWARDS AND HONOURS

• CSPC Science Meets Parliament Delegate	<i>National</i>		2023
• J. Frank Yates Student Conference Award	<i>International</i>	\$1,000	2020
• Post-Graduate Student Society Travel Award	<i>Institutional</i>	\$1,000	2020
• Mendelson Travel Award	<i>Institutional</i>	\$300	2020
• CFREF Healthy Brains for Healthy Lives, Entrance Scholarship for IVADO / MILA Deep Learning School	<i>Institutional</i>	\$500	2019
• CSBBCS Hebb Student Award, Runner-up for Best Oral Presentation	<i>International</i>	\$100	2019
• CFREF Healthy Brains for Healthy Lives, Best Oral Presentation	<i>Institutional</i>	\$500	2019
• Michael Quek Teaching Assistantship Award	<i>Institutional</i>	\$50	2019
• APA Division 3 Society for Experimental Psychology & Cognitive Science, Most Outstanding Empirical Paper	<i>International</i>		2019
• Graduate Research Enhancement and Travel Award	<i>Institutional</i>	\$300	2019
• DataCamp Scholarship for Women & Gender Minorities	<i>International</i>	\$100	2018
• Graduate Chair Award for Outstanding Departmental Service	<i>Institutional</i>		2015
• NIMH Summer Institute in Cognitive Neuroscience Fellow	<i>International</i>	\$1,000	2015
• Graduate Mobility Award	<i>Institutional</i>	\$1,230	2014
• Graduate Excellence Fellowship	<i>Institutional</i>	\$5,000	2014
• Queen's University Teaching Assistantship Award	<i>Institutional</i>		2013
• H. W. Curran Prize	<i>Institutional</i>	\$1,000	2004

PUBLICATIONS

18 peer-reviewed publications (13 first author) | 2 manuscript submitted

student trainees are underlined

- Drody, A. C.^{*}, **Pereira, E. J.**^{*}, & Smilek, D. The importance of accounting for off-task behaviours during data collection. *Nature Human Behavior*.
** Equal contribution to the manuscript*
- 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.
- **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.
- **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.
- **Pereira, E. J.**, Gurguryan, L., & Ristic, J. (2020). Trait-level variability in attention modulates mind wandering and academic achievement. *Frontiers in Psychology*, 11, 909.
- **Pereira, E. J.**, Birmingham, E., & Ristic, J. (2019). Contextually-based social attention diverges across covert and overt measures. *Vision*, 3(2), 29.

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

- **Pereira, E. J.***, Ayers-Glassey, S.*, Wammes, J. D., & Smilek, D. Attention in hindsight: Using stimulated recall to capture dynamic fluctuations in attentional engagement. *Behavior Research Methods*.
 * Equal contribution to the manuscript
- **Pereira, E. J.** & Ristic, J. Beauty in the eye of the beholder: Facial attractiveness attracts overt but not covert social attention.

Articles in preparation

- **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.*
- **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.*
- Drody, A. C.*, **Pereira, E. J.***, & Smilek, D. Attention in our digital ecosystem: A risk assessment framework of voluntary media multitasking. *Status: being reviewed by co-authors.*
* Equal contribution to the manuscript
- **Pereira, E. J.**, Liu, Y. Q., & Castelhana, M. S. Inhibition of attention to irrelevant scene regions: Investigating mechanisms of attention during visual search in scenes. *Status: in revision.*
- Castelhana, M. S., & **Pereira, E. J.** Searching through the Clutter: Using Surface Guidance Framework to Explore Set Size Effects in Scenes. *Status: in revision.*
- **Pereira, E. J.**, Ayers-Glassey, S., Wammes, J. D., & Smilek, D. Interested minds are predictable minds: Establishing a link between individual traits and temporal fluctuations of attentional engagement. *Status: in preparation.*
- **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.*
- **Pereira, E. J.** & Ristic, J. Who are you again? Context and not content impairs memory for personal identity. *Status: data analysis.*
- **Pereira, E. J.**, Kingstone, A., & Smilek, D. Attentional allocation during impression formation. *Status: data collection.*
- **Pereira, E. J.** & Smilek, D. Unpredictable minds and dysfunctional emotions: The link between predictability of unintentional mind wandering and affective dysfunction in everyday life. *Status: data collection.*
- **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 collection.*
- 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 collection.*

CONFERENCE PRESENTATIONS

39 conference presentations (25 first author) | 5 invited talks

*student trainees are underlined*Published Abstracts

- **Pereira, E. J.** & Ristic, J. (2022). Faces may not be special for attention after all. Poster, Vision Sciences Society, St. Pete Beach, FL.
- **Pereira, E. J.**, Birmingham, E., & Ristic, J. (2018). Looking at faces is differentially modulated by context and novelty. Poster, Vision Sciences Society, St. Pete Beach, FL. *Journal of Vision*, 18(10), 168.

- **Pereira, E. J., Gurguryan, L., & Ristic, J. (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. *Canadian Journal of Experimental Psychology*, 70(4), 403.
- **Gurguryan, L., Pereira, E. J., & Ristic, J. (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. *Canadian Journal of Experimental Psychology*, 70(4), 375.
- **Pereira, E. J., Birmingham, E., & Ristic, J. (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. *Journal of Vision*, 16(2), 1275.
- **Pereira, E. J., Gurguryan, L., & Ristic, J. (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. *Canadian Journal of Experimental Psychology*, 69(4), 361.
- **Hayward, D. A., Pereira, E. J., Vogel, T. A., Stewart, K. E., & Ristic, J. (2015).** What's that smile worth? Social reward influences spatial orienting. Poster, Vision Sciences Society, St. Pete Beach, FL. *Journal of Vision*, 15(12), 454.
- **Pereira, E. J., Liu, Y. Q., & Castelhamo, M. S. (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. *Canadian Journal of Experimental Psychology*, 68(4), 290.
- **Pereira, E. J., Liu, Y. Q., & Castelhamo, M. S. (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. *Journal of Vision*, 14(10), 371.
- **Pereira, E. J. & Castelhamo, M. S. (2013).** The Influence of Scene Context on Parafoveal Processing of Objects. Poster, Vision Sciences Society, Naples, FL. *Journal of Vision*, 13(9), 513.
- **Pereira, E. J. & Castelhamo, M. S. (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. *Journal of Vision*, 12(9), 740.
- **Berenbaum, E. M., Latimer-Cheung, A. E., Castelhamo, M., & Pereira, E. (2011).** Gaining attention: The effects of message framing on attention towards physical activity messages. Journal of Exercise, Movement, and Sport. Poster, Canadian Society for Psychomotor Learning and Sport Psychology, Winnipeg, MB. *Journal of Exercise, Movement, and Sport*, 43(1), 50.
- **Pereira, E. J., Driver, H. S., Stewart, S. C., & Fitzpatrick, M. F. (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. *Sleep Medicine*, 12(1), S12.
- **Pereira, E. J., Tang, C., Glew, J. R., Driver, H. S., & Fitzpatrick, M. F. (2011).** Expiratory Threshold Loading in Obesity and Obstructive Sleep Apnea. Poster, Conference of the Canadian Sleep Society, Quebec City, QC, *Sleep Medicine*, 12(1), S107.
- **Pereira, E. J. & Castelhamo, M. S. (2011).** Guidance during Visual Search in Real-World Scenes: Scene Context vs. Object Content. Poster, Vision Sciences Society, Naples, FL. *Journal of Vision*, 11(11), 1320.

Conference Presentations

- **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.
- **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.
- **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.
- **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.
- **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.
- **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.
- **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.

** CSBBBCS Hebb Student Award, Best Oral Presentation*

- **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.
- **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.

** CSBBBCS Hebb Student Award, Best Poster Presentation*

- **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.
- **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*

- **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.
- **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.

- **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*
- **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*
- **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.
- **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.
- Ristic, J., Birmingham, E., & **Pereira, E. J.** (Nov 2017). Searching for the social attention bias. Talk, Psychonomics Society, Vancouver, BC.
- Tian, L., **Pereira, E. J.,** & Castelano, 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.
- **Pereira, E. J.** & Castelano, M. S. (Feb 2014). The Influence of Scene Context on Parafoveal Processing of Objects. Poster, Lake Ontario Visionary Establishment Conference, Niagara Falls, ON.
- **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.
- 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.
- **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.
- 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

- **Pereira, E. J.** (Mar 2021). Characterizing temporal fluctuations in mind wandering & attentional states. Talk, Correlats Subjectifs Laboratory Group, Paris, France.
- **Pereira, E. J.** (Jan 2019). Oscillatory patterns of mind wandering predict real-world costs & benefits. Talk, Graduate Student Colloquium, Montreal, QC.
- **Pereira, E. J.** (Aug 2018). Oscillatory patterns of mind wandering predict real-world costs & benefits. Talk, Symposium on Nonlinear Dynamics; Montreal, QC.

- **Pereira, E. J.** (Sep 2016). Functional fractionation of the default mode network is associated with real-world mind wandering behaviours. Talk, Graduate Student Colloquium, Montreal, QC.
- **Pereira, E. J.** (Jun 2012). The Utility of Questionnaires & Portable Monitoring for the Diagnosis of Obstructive Sleep Apnea. Symposium Talk, Ottawa-Kingston Respiratory PneumoClub, Ottawa, ON.

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

- CBC Ideas from the Trenches (forthcoming). *Tracking the wandering mind*.
- [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?*

MENTORSHIP & CO-SUPERVISION

3 graduate students | 14 honours theses | 31 RAs

Graduate Supervision

- Allison Drody*, Samantha Ayers-Glassey*, Zion Leatham Sep 2020 - Present

Honours Theses / Directed Studies Project

- Jackie Heitzner* Jan 2023 - Apr 2023
- Chloe Muller Sep 2019 - Apr 2020
- Yongyao Li, Julia Fuoco Sep 2017 - Apr 2019
- Iman Lahouaoula, Jacqueline Brown, Rachel Markham* Sep 2016 - Apr 2017
- Mona Li, Nicole Ahn, Olivia Larson**, Yun Lu Sep 2015 - Apr 2016
- Jessica Michelin, Kathleen Stewart, Lauri Gurguryan* Sep 2014 - Apr 2015

Research Assistants

- Kudrat Singh, Vanessa Goodman Sep 2022 - Apr 2023
- Enes Bal, Joshua Leung, Joyce Park*, Katherine Guo Sep 2021 - Aug 2022
- Amy Wang, Chantal Trudel, Nicole Stuart*, Salone Verma Sep 2020 - Aug 2021
- Amrita Sandhu, Jessica Haight Sep 2019 - Apr 2020
- Abigail Jakus, Juliette Ryan-Lortie, Moataz Salim, Soraya Afara Sep 2018 - Apr 2019

- Cynthia Larche, Erica Brossard, Shannon Harrington Sep 2017 - Apr 2018
- Jenna Morris, Krysten Stadel Sep 2016 - Apr 2017
- Anjali Pandey, Eleanor Milman, Lovisa Ljungberg, ManLu Liu Sep 2015 - Apr 2016
- Harrison Ritz, Heather Brooks, Keziah Uychocde, Laura Tian, Sasha Usyatynsky, Yu Qing Lin* Sep 2012 - Aug 2014

* *Students who are co-authors on publications*

** *Students who were awarded with best poster / talk for Undergraduate Research Conferences*

TEACHING EXPERIENCE

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

Guest Lecturer

- Special Topics in Neuropsychology | Topic: Methods in Cognitive Neuroscience Sep 2020
- Cognition | Topic: As the Mind Wanders: Studying internal attention in cognitive psychology May 2020
- Special Topics in Neuropsychology | Topic: The Neuropsychology of Mind Wandering Nov 2019
- Cognition | Topic: The Wandering Mind: Where your attention goes when you are not looking Jun 2019
- Special Topics in Neuropsychology | Topic: Mind Wandering: More than just the fault in our stars Nov 2018
- Cognitive Development | Topic: Conceptualizing social attention in cognitive developmental research Nov 2018
- Psychology Honours Research Seminar | Topic: Applying to Graduate School Oct 2017
- Psychology Honours Seminar | Topic: Applying to Graduate School Mar 2017

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*

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 Peer Reviewing

- Neurotechnology Judge | 'Synaptic Hacks' Hackathon, *Simply Neuroscience* Aug 2021

SERVICE & COMMITTEE MEMBERSHIPS

National

- **Planning 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

- **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

Institutional

- **Acting President (2006 - 2007), Recruiter (2005 - 2006)** Sep 2004 - Aug 2008
Telephone Aid Line Kingston (TALK), Queen's University

- **Head of Media Relations & Speaker Events**

Mental Health Awareness Committee (MHAC), Queen's University

Sep 2004 - Aug 2006

WORK EXPERIENCE

- **Science Communication Editor** | Department of Psychology
McGill University, Montreal, Canada Sep 2014 - Dec 2021
- **Graphic Designer** | School of Computer Science
McGill University, Montreal, Canada Jan 2020 - Dec 2020
- **Technical Research Intern** | SR Research
Ottawa, Canada May 2018 - Jun 2019
- **Software Programmer** | Adolescent Dynamics Laboratory
Queen's University, Kingston, Canada Sep 2012 - Aug 2014
- **Research Associate** | Cognition in Psychological Disorders Laboratory
Queen's University, Kingston, Canada Sep 2011 - Aug 2014
- **Lab Manager & Research Associate** | Visual Cognition Laboratory
Queen's University, Kingston, Canada Sep 2008 - Aug 2012
- **Clinical Research Associate** | Sleep Disorders Laboratory
Kingston General Hospital, Kingston, Canada Sep 2008 - Aug 2012

PROFESSIONAL DEVELOPMENT & TRAINING

- UC Davis ERP Boot Camp Aug 2023
- Intensive Longitudinal Data Workshop Jun 2023
- Multilevel Modeling Workshop May 2023
- Mixture Modeling & Latent Class Analysis Workshop May 2023
- Structural Equation Modeling Workshop May 2021
- 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 | Simply Neuroscience | Vision Sciences Society | Women in Cognitive Science – Canada | 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)
- Software: EEGLab, Brainstorm, Experiment Builder, SPSS, Jamovi, StatView, Illustrator, InDesign