

# Dr. Effie J. Pereira

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<https://effiejpereira.github.io>

## RESEARCH AREAS OF INTEREST

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

## ACADEMIC TRAINING & CAREER

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### NSERC Postdoctoral Research Fellow

2020 - Present

University of Waterloo, Waterloo, Canada

- Project: Establishing the temporal dynamics that drive and sustain attentive and mind wandering states
- Advisor: Dr. Daniel Smilek

### PhD, Experimental Psychology

2014 - 2020

McGill University, Montreal, Canada

- Thesis: Do the eyes have it? The role of stimulus content, visual context, and task settings in social attention
- Advisor: Dr. Jelena Ristic

### Master of Science, Psychology

2012 - 2014

Queen's University, Kingston, Canada

- Thesis: Expertise in scene gist: The effects of long-term visual memory on early scene processing
- Advisor: Dr. Monica Castelhana

### Bachelor of Arts Honours, Psychology and Economics

2004 - 2008

Queen's University, Kingston, Canada

- Thesis: The importance of psychache in statistically predicting suicidality and self-harm
- Advisor: Dr. Ronald Holden

## RESEARCH FUNDING

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• NSERC Banting Postdoctoral Fellowship	<i>International</i>	\$140,000	2022 - 2024
• Lupina Foundation Postdoctoral Research Fellowship	<i>Institutional</i>	\$65,000	2021 - 2023
• NSERC Postdoctoral Fellowship	<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

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• 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

\* Conference cancelled due to COVID-19

## PUBLICATIONS

16 peer-reviewed publications

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- **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 novel faces bias social attention in manual and oculomotor measures. *Attention, Perception, & Psychophysics*.
  - **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.** & Castelano, 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.
  - Castelano, M. S. & **Pereira, E. J.** (2017). The Influence of Scene Context on Parafoveal Processing of Objects. *Quarterly Journal of Experimental Psychology*, 1–42.

- 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*
- **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 in preparation

- **Pereira, E. J.\***, Ayers-Glassey, S.\*, Wammes, J. D., & Smilek, D. Attention in hindsight: Using video-stimulated recall to capture detailed fluctuations in attentional engagement.
- **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.
- **Pereira, E. J.**, Gurguryan, L., & Ristic, J. Mind wandering in the real world diverges across social and digital activities.
- **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.
- **Pereira, E. J.**, Kingstone, A., & Smilek, D. Attentional allocation during impression formation.
- **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.
- **Pereira, E. J.** & Ristic, J. On-task, Off-task, Rinse, & Repeat: Fluctuating patterns of attentive and mind wandering states are associated with differential outcomes.

- **Pereira, E. J.** & Ristic, J. Perceived attractiveness differentially modulates covert and overt measures of social attention.
- **Pereira, E. J.** & Ristic, J. Who are you again? Context and not content impairs memory for personal identity.
- **Pereira, E. J.** & Smilek, D. Unpredictable minds and dysfunctional emotions: The link between predictability of unintentional mind wandering and affective dysfunction in everyday life.
- **Pereira, E. J.**, Stuart, N., Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D. Online chatrooms impact attentional engagement during video lectures.
- 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.
- Castelhana, M. S., & **Pereira, E. J.** Searching through the Clutter: Using Surface Guidance Framework to Explore Set Size Effects in Scenes.
- Drody, A., **Pereira, E. J.**, & Smilek, D. Attention in our digital ecosystem: A risk assessment framework of voluntary media multitasking.
- Drody, A., **Pereira, E. J.**, & Smilek, D. Examining the prevalence of voluntary media multitasking in the digital world.

## CONFERENCE PRESENTATIONS

33 conference presentations (23 first author) | 5 invited talks

### 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., & Castelhana, 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., 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.
- 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.**, & Castelhamo, 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.** & Castelhamo, 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 Respiriology PneumoClub, Ottawa, ON.

## INDUSTRY COLLABORATIONS

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- **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

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- 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?*

## WORK EXPERIENCE

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- **Digital Content Editor** | Department of Psychology; Computer Science  
McGill University, Montreal, Canada Sep 2014 - Dec 2021
- **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

## TEACHING EXPERIENCE

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### 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

### Workshop Development

- R Summer Camp | *Attendance: 250 undergraduate & graduate students* Aug 2020
- Introduction to R | *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 Michael Quek Teaching Assistantship Award

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

## MENTORSHIP & CO-SUPERVISION

3 graduate students | 13 honours theses | 31 RAs

### Graduate Supervision

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

### Honours Theses

- Chloe Muller Sep 2019 - Apr 2020
- Yongyao Li Sep 2018 - Apr 2019
- Julia Fuoco Sep 2017 - Apr 2018
- 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

- Enes Bal, Joshua Leung, Joyce Park\*, Katherine Guo, Kudrat Singh, Vanessa Goodman Sep 2021 - Present
- 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*

## **SERVICE & COMMITTEE MEMBERSHIPS**

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### National

- **Senior Academic Mentor** Jan 2021 - Present  
Action Potential Advising Program (APAP), Simply Neuroscience
- **Neurotechnology Judge** Aug 2021  
'Synaptic Hacks' Hackathon, 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
- **Brain, Behaviour, and Cognitive Science 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

## PROFESSIONAL DEVELOPMENT & TRAINING

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|---|----------|
| • 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 |

## AD-HOC REVIEWING

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- Acta Psychologica; Behavior Research Methods; Journal of Experimental Psychology: Human Perception & Performance; Journal of Vision; Psychological Trauma: Theory, Research, Practice, & Policy; Quarterly Journal of Experimental Psychology; Visual Cognition.

## PROFESSIONAL AFFILIATIONS

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- Canadian Society for Brain, Behaviour and Cognitive Science; Psychonomic Society; Vision Sciences Society; Women in Cognitive Science – Canada; Women in Science and Engineering Network of Collaboration.

## TECHNICAL EXPERTISE

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- 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