

Dr. Effie J. Pereira

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<https://effiejpereira.github.io>

RESEARCH AREAS OF INTEREST

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

EDUCATION & TRAINING

- **NSERC Postdoctoral Research Fellow** 2020 - Present
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

- NSERC Banting Postdoctoral Fellowship * *International* \$140,000 2022 - 2024
* Ranked 2nd out of all applicants
- Lupina Foundation Postdoctoral Research Fellowship *Institutional* \$65,000 2021 - 2023
- NSERC Postdoctoral Fellowship * *National* \$90,000 2020 - 2022
* Ranked 3rd out of all applicants
- 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

- 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	<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 (12 first author) | 1 manuscript submitted

student trainees are underlined

- **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.
- Castelhana, 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 under review

- Drody, A. C., **Pereira, E. J.**, & Smilek, D. A desire for distraction: Uncovering the rates of media multitasking during online research studies. *Nature Human Behaviour*.

Articles in preparation

- **Pereira, E. J.**, Ayers-Glassey, S., Wammes, J. D., & Smilek, D. Attention in hindsight: Using stimulated recall to capture detailed fluctuations in attentional engagement. *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*.
- **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*.
- 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: being revised*.
- Castelhana, M. S., & **Pereira, E. J.** Searching through the Clutter: Using Surface Guidance Framework to Explore Set Size Effects in Scenes. *Status: being revised*.

- **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: being written.*
- **Pereira, E. J. & Ristic, J.** Perceived attractiveness differentially modulates covert and overt measures of social attention. *Status: being written.*
- **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: being analyzed.*
- **Pereira, E. J. & Ristic, J.** Who are you again? Context and not content impairs memory for personal identity. *Status: being analyzed.*
- **Pereira, E. J., Kingstone, A., & Smilek, D.** Attentional allocation during impression formation. *Status: being collected.*
- **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: being collected.*
- **Pereira, E. J., Stuart, N., Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D.** Online chatrooms impact attentional engagement during video lectures. *Status: being collected.*
- **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: being collected.*

CONFERENCE PRESENTATIONS

34 conference presentations (23 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

- 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.

* CSBBCS 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.

* CSBBCS 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 Respiriology 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?*

AD-HOC REVIEWING

- Acta Psychologica | Behavior Research Methods | British Journal of 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.

PROFESSIONAL AFFILIATIONS

- 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.

TEACHING EXPERIENCE

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*

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

SERVICE & COMMITTEE MEMBERSHIPS

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
- **Head of Media Relations & Speaker Events** Sep 2004 - Aug 2006
Mental Health Awareness Committee (MHAC), Queen's University

PROFESSIONAL DEVELOPMENT & TRAINING

- 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

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