Curriculum Vitae
Michele Morningstar

Department of Psychology
Queen's University
Kingston, ON, Canada

Telephone: 613-533-2704
Email: michele.morningstar[at]queensu.ca
Website: michelemorningstar.com/dseclab

ACADEMIC POSITIONS

Assistant Professor 2020-
Department of Psychology
Queen's University, Kingston, ON

EDUCATION AND TRAINING

Post-Doctoral Fellowship 2017-2020
Center for Biobehavioral Health, Nationwide Children's Hospital
Department of Pediatrics, The Ohio State University
Columbus, OH
Advisor: Eric E. Nelson, Ph.D.

Ph.D. in Clinical Psychology 2011-2017
McGill University, Montreal, QC
Advisor: Melanie A. Dirks, Ph.D.

Bachelor of Arts, First Class Honours in Psychology 2008-2011
McGill University, Montreal, QC

PUBLICATIONS

† denotes a trainee

Journal articles

1. Stroud, L.R., **Morningstar, M.**, Vergara-Lopez, C., Bublitz, M.H., Lee, S.Y., Sanes, J.N., Dahl, R.E., Silk, J.S., Nelson, E.E., & Dickstein, D.P. (2023). Neural activation to peer acceptance and rejection in relation to concurrent and prospective depression risk in adolescent girls. *Biological Psychology, 181*, 108618. doi: 10.1016/j.biopsycho.2023.108618

2. **Morningstar, M.**, Thomas, P., Anderson, A.M., Mattson, W.I., Nahata, L., Leibowitz, S.F., Chen, D., Strang, J.F., & Nelson, E.E. (2023). Exogenous testosterone administration is associated with differential neural response to unfamiliar peer's and own caregiver's voice in transgender adolescents. *Developmental Cognitive Neuroscience, 59*, 101194. doi: 10.1016/j.dcn.2022.101194

3. **Morningstar, M.**, Mattson, W.I., & Nelson, E.E. (2022). Longitudinal change in neural response to vocal emotion in adolescence. *Social Cognitive and Affective Neuroscience.* doi: 10.1093/scan/nsac021

4. Sandre, A., **Morningstar, M.**, Farrell-Reeves, A., Dirks, M.A., & Weinberg, A. (2022). Adolescents and young adults differ in their neural response to and recognition of peer- and adult-age emotional faces. *Psychophysiology, 59*(9), e14060. doi: 10.1111/psyp.14060

5. **Morningstar, M.**, Grannis, C., Mattson, W.I., & Nelson, E.E. (2022). Functional patterns of neural activation during vocal emotion recognition in youth with and without refractory epilepsy. *NeuroImage: Clinical, 34*, 102966. doi: 10.1016/j.nicl.2022.102966

6. **Morningstar, M.**, Gilbert, A.C., Burdo, J., Leis, M., & Dirks, M.A. (2021). Recognition of vocal socio-emotional expressions at varying levels of emotional intensity. *Emotion, 21*(7), 1570-1575. doi: 10.1037/emo0001024

7. Grannis, C., Leibowitz, S., Ghan, S., Nahata, L., **Morningstar, M.**, Mattson, W.I., Chen, D., Strang, J.F., & Nelson, E.E. (2021). Testosterone treatment, internalizing symptoms, and body image dissatisfaction in transgender youth. *Psychoneuroendocrinology, 132*, 105358. doi: 10.1016/j.psyneuen.2021.105358

8. Hung, A., **Morningstar, M.**, Mattson, W.I., Saygin, Z.M., & Nelson, E.E. (2021). Atypical age-related changes in the structure of the mentalizing network in children with refractory focal epilepsy. *Epilepsy Research, 175*, 106701. doi: 10.1016/j.eplepsyres.2021.106701

9. **Morningstar, M.**, French, R.C., Mattson, W.I., Englot, D.J., & Nelson, E.E. (2021). Social brain networks: Resting-state and task-based connectivity in youth with and without epilepsy. *Neuropsychologia, 157*, 107882. doi: 10.1016/j.neuropsychologia.2021.107882

10. Woodard, K., Plate, R.C., **Morningstar, M.**, Wood, A., & Pollak, S.D. (2021). Categorization of vocal emotion cues depends on distributions of input. *Affective Science, 2*, 301-310. doi: 10.1007/s42761-021-00038-w

11. Davis, S.K., **Morningstar, M.**, & Qualter, P. (2021; ePub 2020). Ability EI predicts recognition of dynamic facial emotions, but not beyond the effects of crystallized IQ. *Personality and Individual Differences, 169*, 109968. doi: 10.1016/j.paid.2020.109968

12. **Morningstar, M.**, Mattson, W.I., Singer, Jr., S., Venticinque, J., & Nelson, E.E. (2020). Children and adolescents' neural response to emotional faces and voices: Age-related changes in common regions of activation. *Social Neuroscience, 15*(6), 613-629. doi: 10.1080/17470919.2020.1832572

13. **Morningstar, M.**, Hung, A., Grannis, C., French, R.C., Mattson, W.I., Ostendorf, A.P., Gedela, S., Englot, D.J., & Nelson, E.E. (2020). Blunted neural response to emotional faces in the fusiform and superior temporal gyrus may be marker of emotion recognition deficits in youth with epilepsy. *Epilepsy & Behavior, 112*, 107432. doi: 10.1016/j.yebeh.2020.107432

14. Davis, S.K., **Morningstar, M.**, Dirks, M.A., & Qualter, P. (2020). Ability emotional intelligence: What about recognition of emotion in voices? *Personality and Individual Differences, 160*, 109938. doi: 10.1016/j.paid.2020.109938

15. **Morningstar, M.**, Hung, A., Mattson, W.I., Gedela, S., Ostendorf, A.P., & Nelson, E.E. (2020). Internalizing symptoms in intractable pediatric epilepsy: Structural and functional brain correlates. *Epilepsy & Behavior, 103*, 1-11. doi: 10.1016/j.yebeh.2019.106845

16. **Morningstar, M.**, Nowland, R., Dirks, M.A., & Qualter, P. (2020; ePub 2019). Loneliness and the recognition of vocal socio-emotional expressions in adolescence. *Cognition & Emotion, 34*(5), 970-976. doi: 10.1080/02699931.2019.1682971

17. **Morningstar, M.**, Mattson, W.I., Venticinque, J., Singer, Jr., S., Selvaraj, B., Hu, H.H., & Nelson, E.E. (2019). Age-related differences in neural activation and functional connectivity during the processing of vocal prosody in adolescence. *Cognitive, Affective, & Behavioral Neuroscience, 19*(6), 1418-1432. doi: 10.3758/s13415-019-00742-y

18. **Morningstar, M.**, Grannis, C., Mattson, W.I., & Nelson, E.E. (2019). Associations between adolescents' social re-orientation towards peers over caregivers and neural response to teenage faces. *Frontiers in Behavioral Neuroscience*, 13, 108. doi: 10.3389/fnbeh.2019.00108

19. **Morningstar, M.**, Garcia, D., Dirks, M.A., & Bagner, D.M. (2019). Changes in parental prosody mediate effect of parent-training intervention on child language outcomes. *Journal of Consulting and Clinical Psychology, 87*(3), 313-318. doi: 10.1037/ccp0000375

20. **Morningstar, M.**, Dirks, M.A., Rappaport, B.I., Pine, D.S., & Nelson, E.E. (2019; ePub 2017). Associations between anxious and depressive symptoms and the recognition of vocal socio-emotional expressions in youth. *Journal of Clinical Child and Adolescent Psychology, 48*(3), 491-500. doi: 10.1080/15374416.2017.1350963

21. **Morningstar, M.**, Venticinque, J., & Nelson, E.E. (2019; ePub 2018). Differences in adult and adolescent listeners' ratings of valence and arousal in emotional prosody. *Cognition & Emotion, 33*(7), 1497-1504. doi: 10.1080/02699931.2018.1561422

22. **Morningstar, M.**, Nelson, E.E., & Dirks, M.A. (2018). Maturation of vocal emotion recognition: Insights from the developmental and neuroimaging literature. *Neuroscience & Biobehavioral Reviews, 90*, 221-230. doi: 10.1016/j.neubiorev.2018.04.019

23. **Morningstar, M.**, Ly, V.Y., Feldman, L., & Dirks, M.A. (2018). Mid-Adolescents' and Adults' Recognition of Vocal Cues of Emotion and Social Intent: Differences by Expression and Speaker Age. *Journal of Nonverbal Behavior, 42*(2), 237-251. doi: 10.1007/s10919-018-0274-7

24. **Morningstar, M.**, Dirks, M.A., & Huang, S. (2017). Vocal Cues Underlying Youth and Adult Portrayals of Socio-Emotional Expressions. *Journal of Nonverbal Behavior, 41*(2), 155-183. doi: 10.1007/s10919-017-0250-7

25. Lidji, P., Palmer, C., Peretz, I., & **Morningstar, M.** (2011). Listeners feel the beat: Entrainment to English and French speech rhythms. *Psychonomic Bulletin & Review, 18*, 1035-1041. doi: 10.3758/s13423-011-0163-0

Book chapters

1. **Morningstar, M.**, Mattson, W.I., & Nelson, E.E. (2020). Affective Disorders in Development. In K. Cohen Kadosh (Ed.), *The Oxford Handbook of Developmental Cognitive Neuroscience.* Oxford University Press. doi: 10.1093/oxfordhb/9780198827474.013.32

2. Nelson, E.E., **Morningstar, M.**, & Mattson, W.I. (2018). Emotions as Regulators of Motivated Behavior. In T.P. Beauchaine & S.E. Crowell (Eds.), *Oxford Handbook of Emotion Dysregulation*. Oxford University Press. doi: 10.1093/oxfordhb/9780190689285.013.2

3. Dirks, M.A., & **Morningstar, M.** (2017). Depression in Childhood: Gender Differences. In A.E. Wenzel (Ed.), *The SAGE Encyclopedia of Abnormal and Clinical Psychology*. SAGE Publications, Inc. doi: 10.4135/9781483365817.n406

4. Dirks, M.A., Kirmayer, M.H., & **Morningstar, M.** (2016). Social Competence. In R.J.R. Levesque (Ed.), *Encyclopedia of Adolescence.* Springer International Publishing. doi: 10.1007/978-3-319-32132-5_27-2

Articles in professional journals

1. **Morningstar, M.**, & van Anders, S.A. (2022). The representation of equity-deserving groups at the faculty level matters for university student success. *Psynopsis, 44*(4), 12-13.

Published abstracts

1. Hung, A., **Morningstar, M.**, Mattson, W. I., Nelson, E. E. (2019). Internalizing Disorders in Pediatric Epilepsy: Rates, Disease Factors and Radiologic Biomarkers. *Journal of the American Academy of Child and Adolescent Psychiatry, 58*(10), S275. doi: 10.1016/j.jaac.2019.08.405

2. Lidji, P., Palmer, C., Peretz, I., & **Morningstar, M.** (2011, August). Entrainment to speech and song. Paper presented at the biennial International Symposium on Performance Science, Toronto, Canada.

Manuscripts under review

1. Ilyaz, E.†, Feng, X., Fu, X., Nelson, E.E., & **Morningstar, M.** (Invited revision). Vocal emotional expressions in mothers with and without a history of major depressive disorder. *Journal of Nonverbal Behavior*.

2. Fu, X., Crowell, S., **Morningstar, M.**, Mattson, W.I., Feng, X., & Nelson, E.E. (Invited revision). Young children of mothers with a history of depression show attention bias to sad faces: An eye-tracking study. *Research on Child and Adolescent Psychopathology.*
3. Nault, D.R.†, Bonar, R.J.T.†, Ilyaz, E.†, Dirks, M.A., & **Morningstar, M.** (Invited revision). Fast and friendly: The role of vocal cues in adolescents' responses to and perceptions of peer provocation. *Journal of Research on Adolescence.*
4. **Morningstar, M.**, & Burns, J.A.† (Under review). Probing puberty as a source of developmental change in neural response to emotional faces in early adolescence.
5. **Morningstar, M.**, Hughes, C., French, R.C., Grannis, C., Mattson, W.I., & Nelson, E.E. (Under review). Functional connectivity during facial and vocal emotion recognition: Preliminary evidence for dissociations in developmental change by nonverbal modality.
6. Nault, P. †, & **Morningstar, M.** (Under review). Hostile attribution biases and evaluation of responses to peer provocation in early adolescents.

AWARDS, SCHOLARSHIPS, AND FUNDING

Active grants

- Social Sciences and Humanities Research Council of Canada (SSHRC) 2023-
  Institutional Grant ($6,185)
  How variations in social context influence youth's verbal & nonverbal emotional expression in social interactions
  Principal Investigator
- New Frontiers in Research Fund (NFRF) 2023-
  Exploration Grant ($250,000)
  Companion: A cognitive voice and video assistant bot for safe aging
  Co-Investigator
- Social Sciences and Humanities Research Council of Canada (SSHRC) 2021-
  Insight Development Grant ($74,970)
  Understanding changes in nonverbal emotional expression and its relationship to social functioning in adolescence
  Principal Investigator
- Natural Sciences and Engineering Research Council of Canada (NSERC) 2021-
  Discovery Grant ($152,500)
  Development of neural and cognitive processing of peers' nonverbal cues in adolescence
  Principal Investigator
- Queen's University 2020-
  Faculty of Arts and Science Infrastructure Funds ($200,000)
  Development of emotion communication skills in adolescence
  Principal Investigator
- Queen's University 2020-
  Research Initiation Grant ($120,000)
  Principal Investigator

Awards and completed funding

- Fonds de recherche du Québec – Nature et technologies (FRQNT) 2017-2019
  Post-Doctoral Fellowship ($70,000), ranked 2nd among psychology and neuroscience applicants

- McGill University GREAT Travel Award ($200) 2017
- McGill Graduate Excellence Award ($8,400) 2016
- Psychology Internship Graduate Award ($5,000) 2016
- McGill Graduate Excellence Award ($6,500) 2016
- Psychology Internship Graduate Award ($7,500) 2015-2016
- Zuroff Graduate Award ($100) 2015
- McGill University GREAT Travel Award ($930) 2015
- McGill University GREAT Travel Award ($750) 2014
- Social Sciences and Humanities Research Council of Canada (SSHRC) 2013-2016
  Joseph-Armand Bombardier CGS Doctoral Scholarship ($105,000)
- Fonds de recherche du Québec - Société et culture (FRQSC) 2013-2016
  Doctoral Fellowship ($60,000), declined; ranked 2nd among psychology applicants
- McGill Graduate Mobility Award – Science ($1,000) 2013
- McGill David Stewart Memorial Fellowship ($5,500) 2012
- McGill Graduate Excellence Award ($4,300) 2012
- Fonds de recherche du Québec - Société et culture (FRQSC) 2012-2013
  Master's Fellowship ($15,000)
- Social Sciences and Humanities Research Council of Canada (SSHRC) 2011-2012
  Master's Fellowship ($17,500)
- McGill Graduate Excellence Fellowship ($5,000) 2011
- Lorne Trottier Fellowship ($2,500) 2011
- Association of Universities and Colleges of Canada CN Graduate Scholarship ($3000) 2011-2012
- McGill Dean of Arts Convocation Prize ($500) 2011
- Certificate of Academic Excellence, Canadian Psychological Association 2011
  Awarded for best undergraduate thesis
- Natural Sciences and Engineering Research Council of Canada (NSERC) 2011
  CREATE Undergraduate Award for Auditory Cognitive Neuroscience ($4,500)
- Natural Sciences and Engineering Research Council of Canada (NSERC) 2010
  Undergraduate Student Research Award ($5,125)
- McGill Sceptre Investment Counsel Limited Scholarship ($2,000) 2010
- McGill Dow-Hickson Scholarship ($2,000) 2010
- Boris Muskatov Prize 2010
  Awarded for best work in psychology
- McGill Charlie Peters Scholarship ($2,100) 2009

- McGill Dean's Honour List 2009-2012
- Association of Universities and Colleges of Canada CN Undergraduate Scholarship ($2,000) 2008-2009
- McGill Morris Wilson Scholarship ($3,000) 2008
- Concordia Bank of Montreal Entrance Scholarship ($2,000; declined) 2008-2009

PRESENTATIONS

† denotes a trainee

Conference talks and symposia

1. **Morningstar, M.**, & Burns, J.A.† (2024, May). Pubertal development and change in neural response to emotional faces in early adolescence. Paper to be presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
2. **Morningstar, M.**, Gravelle, M.†, Dickstein, D., Silk, J., Dahl, R., Nelson, E.E., & Stroud, L. (2023, March). Reduced amygdala habituation to anticipated social rejection in youth with major depressive disorder. Paper presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
3. Nault, D.R.†, Bonar, R.J.T.†, Ilyaz, E.†, Dirks, M.A., & **Morningstar, M.** (2023, March). Using a naturalistic paradigm to investigate adolescents' vocal responses to and perceptions of peer provocation. Paper presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
4. Kurup, A., Beischel, W., Gülgöz, S., **Morningstar, M.**, & Underwood, M. (2023, March). Moving beyond the binary: Conceptual and methodological considerations in gender/sex-inclusive developmental science. Conversation Roundtable presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
5. **Morningstar, M.**, Cvetkovski, S.†, & Dirks, M.A. (2022, March). It's how you say it: Variations in youth's social experiences predict their nonverbal vocal responses to peer provocation. Paper presented at the biannual meeting of the Society for Research on Adolescence, New Orleans, LA.
6. **Morningstar, M.,** & Nelson, E.E. (2018, November). Development of vocal emotional processing in adolescents and its disruption in temporal lobe epilepsy. In **M. Morningstar** (Chair), *Neural response to socio-emotional vocal information produced by important others: Influence of social learning and developmental change*. Symposium presented at the annual meeting of the Society for Social Neuroscience, San Diego, CA.
7. **Morningstar, M.**, Gilbert, A.C., Burdo, J., Leis, M., & Dirks, M.A. (2017, May). Recognition of vocal socio-emotional expressions at varying levels of emotional intensity. In **M. Morningstar** (Chair), *Advances in Understanding the Recognition of Vocal Cues of Emotion*. Symposium presented at the annual meeting of the Association for Psychological Science, Boston, MA.
8. **Morningstar, M.**, Dirks, M.A., & Huang, S. (2014, March). Vocal cues underlying the expression of meanness and friendliness in youth. Paper presented at the biennial meeting of the Society for Research on Adolescence, Austin, TX.
9. **Morningstar, M.** (2013, April). Vocal cues underlying the expression of meanness and friendliness in girls. Paper presented at the annual meeting of the Centre for Research in Human Development, Montreal, Canada.

Posters

1. Nault, P.†, & **Morningstar, M.** (2024, June). How does working memory relate to emotion recognition accuracy across modality and temporality? Poster to be presented at the annual meeting of the Canadian Psychological Association, Ottawa, ON.

2. Nault, D.R.†, Robichaud, S.M.C.†, & **Morningstar, M.** (2024, May). Expressing emotion unimodally versus multimodally: Is it the same? Poster to be presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.

3. Bonar, R.J.T.†, & **Morningstar, M.** (2024, April). Adolescent attention to their caregiver and friend. Poster to be presented at the annual meeting of the Social & Affective Neuroscience Society, Toronto, ON.

4. **Morningstar, M.**, Hughes, C., French, R.C., Grannis, C., Mattson, W.I., & Nelson, E.E. (2024, April). Neural correlates underlying the development of emotion recognition skills. Poster to be presented at the annual meeting of the Social & Affective Neuroscience Society, Toronto, ON.

5. Bonar, R.J.T.†, Merulla, O.†, & **Morningstar, M.** (2024, March). Age-related differences in adolescent and adult attention to affiliative information. Poster to be presented at the annual meeting of the Society for Affective Science, New Orleans, LA.

6. Nault, D.R.†, Robichaud, S.M.C.†, & **Morningstar, M.** (2024, March). Adolescents and adults differ in their use of facial movements and vocal cues to express emotional information. Poster to be presented at the annual meeting of the Society for Affective Science, New Orleans, LA.

7. Nault, P.†, & **Morningstar, M.** (2024, March). How does working memory relate to emotion recognition accuracy? Poster to be presented at the annual meeting of the Society for Affective Science, New Orleans, LA.

8. **Morningstar, M.**, Bonar, R.J.T.†, & Ilyaz, E.† (2023, May). The auditory dot-probe: Exploring modality-specific attentional biases to facial vs. vocal emotions. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC.

9. Nault, P.†, Bonar, R.J.T.†, & **Morningstar, M.** (2023, May). Associations between hostile attribution biases and the interpretation of responses to peer provocation in adolescents. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC.

10. Billetdeaux, K.A., Mattson, W.I., Nelson, E.E., Hoskinson, K., & **Morningstar, M.** (2023, April). Emotional intensity of angry and happy vocal expressions elicits a differential response in the temporal gyrus. Poster presented at the annual meeting of the Social & Affective Neuroscience Society, Santa Barbara, CA.

11. Nault, D.R.†, Bonar, R.J.T.†, Ilyaz, E.†, Dirks, M.A., & **Morningstar, M.** (2023, April). Using a naturalistic paradigm to investigate adolescents' vocal responses to and perceptions of peer provocation. Poster presented at the annual meeting of the Society for Research on Adolescence, San Diego, CA.

12. Fu, X., **Morningstar, M.**, Mattson, W., Crowell, S., Feng, X., & Nelson, E.E. (2023, March). Children with familial risk for depression show differential neural responses to mothers' and strangers' voices. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.

13. Fu, X., Crowell, S., **Morningstar, M.**, Mattson, W.I., Feng, X., & Nelson, E.E. (2021, November). The influence of maternal depression on fNIRS neural responses to mothers' voice in young children. Poster presented at the annual meeting of the International Society of Developmental Psychobiology, Chicago, IL.

14. Crowell, S., Grannis, C., Hung, A., French, R., Kuperberg, D., Guha, I., Mattson, W.I., **Morningstar, M.**, Fu, X., Feng, X., & Nelson, E.E. (2021, November). Young children of mothers with history of depression display attention bias towards sad faces. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

15. **Morningstar, M.**, Mattson, W.I., Grannis, C., French, R.C., Hung, A., & Nelson, E.E. (2021, May). Developmental change in neural response to vocal emotional information in adolescence. Poster presented at the annual meeting of the Social & Affective Neuroscience Society, Virtual.

16. Fu, X., **Morningstar, M.**, Mattson, W.I., Feng, X., Nelson, E.E. (2020, October). Using fNIRS to study the role of neural responses to mothers' voice in intergenerational transmission of depression. Poster presented at the International Society of Developmental Psychobiology, Virtual.

17. **Morningstar, M.**, French, R.C., Grannis, C., Hung, A., Travis, M., Mattson, W.I., Nahata, L., Leibowitz, S.F., & Nelson, E.E. (2019, November). Gonadal hormone administration alters neural response to both unfamiliar peer's and own mother's voice in adolescents. Poster presented at the annual meeting of the Developmental Affective Neuroscience Symposium, Pittsburgh, PA.

18. Hung, A., **Morningstar, M.**, Mattson, W.I., & Nelson, E.E. (2019, October). Internalizing disorders in pediatric epilepsy: rates, disease factors, and radiologic biomarkers. Poster presented at the annual meeting of the American Academy of Child & Adolescent Psychiatry, Chicago, IL.

19. Fu, X., Mattson, W.I., **Morningstar, M.**, Blei, H., Sullivan, S., Keim, S., Klebanoff, M., & Nelson, E.E. (2019, October). Prenatal marijuana exposure: Effects on brain morphology and executive functions in young children. Paper presented at the annual meeting of the International Society of Developmental Psychobiology, Chicago, IL.

20. Travis, M., French, R.C., Grannis, C., Hung, A., **Morningstar, M.**, Mattson, W.I., Nahata, L., Leibowitz, S., & Nelson, E.E. (2019, October). Effects of gender-affirming hormone treatment on white matter organization in gender dysphoric youth. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

21. Sullivan, J., Fu, X., Klebanoff, M., Keim, S., Blei, H., Mattson, W.I., **Morningstar, M.**, & Nelson, E.E. (2019, October). The impact of prenatal marijuana exposure on brain structural development in young children. Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

22. **Morningstar, M.**, French, R.C., Grannis, C., Hung, A., Travis, M., Mattson, W.I., Nahata, L., Leibowitz, S.F., & Nelson, E.E. (2019, August). Gonadal hormone administration alters neural response to both unfamiliar peer's and own mother's voice in adolescents. Poster presented at the annual meeting of the Flux Conference, New York, NY.

23. French, R., Mattson, W.I., **Morningstar, M.**, Nahata, L., Leibowitz, S.F., & Nelson, E.E. (2019, August). Effect of age and gonadal hormone administration on risk-taking and impulsivity in gender dysphoric youth. Poster presented at the annual meeting of the Flux Conference, New York, NY.

24. Grannis, C., **Morningstar, M.**, Mattson, W.I., Gahn, S., Leibowitz, S., Nahata, L., & Nelson, E.E. (2019, August). The role of gonadal hormones on social anxiety and amygdala activation in transgender youth. Poster presented at the annual meeting of the Flux Conference, New York, NY.

25. **Morningstar, M.**, Engell, A.D., Mattson, W.I., Gedela, S., & Nelson, E.E. (2019, May). Differential electrocortical representation of peers' and babies' vocal outputs in the temporal lobe. Poster presented at the annual meeting of the Social & Affective Neuroscience Society, Miami, FL.

26. Fu, X., Mattson, W.I., **Morningstar, M.**, Blei, H., Dkeama, A., Keim, S., Klebanoff, M., & Nelson, E.E. (2019, May). Neural activation underlying executive function in young children with prenatal marijuana exposure and unexposed controls. Poster presented at the annual meeting of the Social & Affective Neuroscience Society, Miami, FL.

27. Hung, A., **Morningstar, M.**, Mattson, W.I., & Nelson, E.E. (2019, April). Internalizing disorders in children with intractable focal epilepsy are associated with hypoactivity and volumetric reduction in the frontal lobe. Poster presented at the annual meeting of the Wisconsin Symposium on Emotion, Madison, WI.

28. **Morningstar, M.**, Mattson, W.I., Singer, Jr. S., Venticinque, J., & Nelson, E.E. (2019, March). Youth's neural response to emotional faces and voices: Age-related changes in common regions of activation. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.

29. **Morningstar, M.**, Mattson, W.I., Singer, Jr., S., Venticinque, J., Fuller, B.F., Gedela, S., & Nelson, E.E. (2018, November). Developmental changes in neural activation during facial and vocal emotion recognition are disrupted in temporal lobe epilepsy. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

30. Mattson, W.I., **Morningstar, M.**, Singer, Jr., S., Venticinque, J., Fuller, B.F., Gedela, S., & Nelson, E.E. (2018, November). White matter tract development disrupted in youth with temporal lobe epilepsy. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

31. Nelson, E.E., **Morningstar, M.**, Mattson, W.I., Venticinque, J., Singer, Jr., S., & Gedela, S. (2018, November). Aberrant patterns of neural activation across development during facial and vocal emotion recognition in children with temporal lobe epilepsy. Poster presented at the annual meeting of the American Epilepsy Society, New Orleans, LA.

32. **Morningstar, M.**, Venticinque, J., Singer Jr., S., Mattson, W.I., & Nelson, E.E. (2018, May). Age-related differences in neural activation during the recognition of vocal emotional prosody by youth. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, Williamsburg, NY.

33. Singer Jr., S., Venticinque, J., **Morningstar, M.**, Mattson, W.I., McNally, K., Gedela, S., & Nelson, E.E. (2017, December). The Effect of VNS and Focal Resection on Seizure Frequency and Behavioral Outcomes in Children with Epilepsy. Poster presented at the annual American Epilepsy Society conference, Washington, D.C.

34. Venticinque, J., Singer, S., **Morningstar, M.**, Mattson, W.I., Gedela, S., & Nelson, E.E. (2017, September). The effect of temporal lobe epilepsy on emotion recognition in children. Poster presented at the annual Flux Congress, Portland, OR.

35. **Morningstar, M.**, Kirmayer, M.H., & Dirks, M.A. (2017, April). Associations between self- and other-reported friendship quality and vocal expression recognition during emerging adulthood. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

36. **Morningstar, M.**, Feldman, L., & Dirks, M.A. (2016, April). Depressive symptoms and aggression in youth predict response biases to socio-emotional vocal expressions. Poster presented at the biennial meeting of the Society for Research on Adolescence, Baltimore, MD.

37. **Morningstar, M.**, Ly, V., Huang, S., & Dirks, M.A. (2015, May). Differences in the vocal cues underlying adults' and children's portrayals of socio-emotional expressions. Poster presented at the annual meeting of the Association for Psychological Science, New York, NY.

38. **Morningstar, M.**, Ly, V., Huang, S., & Dirks, M.A. (2015, March). Differences in the vocal cues underlying adults' and children's portrayals of socio-emotional expressions. Poster presented at the annual meeting of the Centre for Research in Human Development, Montreal, Canada.

39. **Morningstar, M.**, McClure, M.J., Dirks, M.A., & Lydon, J.E. (2014, May). Insecure attachment styles predict verbal behaviours and pitch cues in social interactions. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.

40. **Morningstar, M.**, & Dirks, M.A. (2014, February). Vocal cues underlying the expression of meanness and friendliness in youth. Poster presented at the annual meeting of the Centre for Research in Human Development, Montreal, Canada.

41. Lidji, P., Palmer, C., **Morningstar, M.**, & Peretz, I. (2012, March). Effects of synchronization, rhythm, and melody on aphasics' productions. Paper presented at the annual meeting of the Cognitive Neuroscience Conference, Chicago, IL.

42. Lidji, P., Palmer, C., Peretz, I., & **Morningstar, M.** (2011, September). Healthy and aphasic participants entrain to metrical regularities in speech and song. Paper presented at the ETAP-2 Conference, Montreal, Canada.

43. **Morningstar, M.**, Lidji, P., Palmer, C., & Peretz, I. (2011, August). Better together? Effects of speaking and singing on aphasic productions. Poster presented at the Auditory Cognitive Neuroscience training network workshop, Montreal, Canada.
44. Lidji, P., Palmer, C., **Morningstar, M.**, Zumbansen, A., & Peretz, I. (2011, June). Entrainment to speech and song in healthy and aphasic participants. Poster presented at the Neurosciences and Music IV Conference, Edinburgh, Scotland.
45. Lidji, P., **Morningstar, M.**, Peretz, I., & Palmer, C. (2010, April). Coordinating speech and tapping: Effects of rhythmic structure. Poster presented at the annual meeting of the Cognitive Neuroscience Conference, Montreal, Canada.

Invited talks and public lectures

- **Morningstar, M.** (2022, April). Growing up human: The development of emotions. Invited talk given as part of the Kingston Frontenac Public Library "Growing Up Human" series of public lectures.
- **Morningstar, M.** (2022, February). The development of socio-emotional communication in adolescence. Invited talk given as part of the University of California Davis Department of Human Ecology's Developmental Brown Bag.
- **Morningstar, M.** (2020, October). The development of socio-emotional communication in adolescence. Invited talk given as part of the Queen's Department of Psychology Cognitive Neuroscience Brown Bag.
- **Morningstar, M.** (2020, August). The development of socio-emotional communication in adolescence. Invited talk given as part of the Queen's Centre for Neuroscience Studies Seminar Series.
- **Morningstar, M.** (2016, November). Tools to improve self-esteem and cope with social anxiety. Talk given as part of the Dr. Michael Spevack Lecture Series, Montreal General Hospital, Montreal, Canada.
- **Morningstar, M.** (2015, November). When the unimaginable happens: CBT for Post-Traumatic Stress Disorder. Talk given as part of the Dr. Michael Spevack Lecture Series, Montreal General Hospital, Montreal, Canada.
- **Morningstar, M.** (2010, November). The rhythm of languages and its role in the rehabilitation of aphasic patients. Invited presentation at TEDxMcGill, Montreal, Canada.

TEACHING

Teaching awards

Nominated for Queen's Psychology Undergraduate Teaching Award	2021, 2023
Nominated for Queen's University W.J. Barnes Teaching Excellence Award	2021

Undergraduate courses

• *PSYC350: Developmental Social Neuroscience* Queen's University, Department of Psychology	F2022
• *PSYC251: Developmental Psychology* Queen's University, Department of Psychology	W2021, F2021, W2023, F2023
• *PSYC458: Neurobiology of Socio-Emotional Development in Adolescence* Queen's University, Department of Psychology	F2020, W2022 W2023, F2023

Graduate courses

- *PSYC843: Theories in Developmental Psychology II* W2022
  Queen's University, Department of Psychology

Workshops

- *Primer on Research Design and Methods* 2020
  Research Institute at Nationwide Children's Hospital
  Workshop on applying principles of research design to health-centered research
- *Using SPSS to answer research questions* 2018, 2019
  Research Institute at Nationwide Children's Hospital
  Workshop on statistical concepts and their implementation in an analysis program
  Performance rating (average for all sessions): 3.98/4

Guest lectures

- *"It's not what you said, but how you said it": How teens understand others' tone of voice* 2023
  PSYC203 Research Methods in Psychology
  Queen's University, Department of Psychology
- *The development of socio-emotional communication in adolescence* 2022
  PSYC376 Functional Neuroimaging the Human Brain and Mind
  Queen's University, Department of Psychology
- *The development of socio-emotional communication in adolescence* 2021
  PSYC304 Child Development
  McGill University, Department of Psychology
- *Professional development for post-doctoral scholar* 2021
  Panel member, Patient-Centered Pediatric Research Program Seminar
  Research Institute at Nationwide Children's Hospital
- *How to design a scientific poster and proper presentation* 2019
  Special Seminar for Summer Students
  Research Institute at Nationwide Children's Hospital
- *Career Development: Graduate/Medical School Interviews* 2018, 2019
  Post-Baccalaureate Seminar Series
  Research Institute at Nationwide Children's Hospital
  Performance rating (average for all sessions): 5.71/6
- *Approaches to accuracy: Methods to measure participant performance on forced-choice tasks* *2017*
  Patient-Centered Pediatric Research Program Seminar
  Research Institute at Nationwide Children's Hospital
  Performance rating: 5.89/6
- *Eating disorders in youth* 2013-2017
  PSYC412 Developmental Psychopathology
  McGill University, Department of Psychology

RESEARCH SUPERVISION

Primary supervision

Graduate students, Queen's University

• Daniel Nault	Ph.D. student (Clinical Psychology)	2021-
• Peyton Nault	M.Sc. student (Developmental Psychology)	2022-
• Riley Bonar	M.Sc. student (Developmental Psychology)	2023-

Undergraduate students, Queen's University

• Laura Edelstein	Honours thesis (PSYC501)	F2023-
• Mia Schubert	Directed research course (PSYC570-575)	F2023-
• Paige Stockley	Directed research course (PSYC570-575)	F2023-
• Jacqueline Satok	Directed research course (PSYC570)	F2023
• Emily Schreiner	Honours thesis & directed research course (PSYC501, 570-575)	F2022-
• Sarah Robichaud	Honours thesis (PSYC501)	F2022-W2023
• Riley Bonar	Honours thesis & directed research course (PSYC501, 570)	W2022-W2023
• Logan Goldring	Directed research course (PSYC570)	F2022
• Olivia Merulla	Directed research course (PSYC299, PSYC570)	F2022-W2023
• Rachel Himmel	Honours thesis (PSYC501)	F2021-W2022
• Julia Stratton	Honours thesis (PSYC501)	F2021-W2022
• Jay Burns	Directed research course (PSYC570)	F2021
• Rafaela Platkin	Directed research course (PSYC570, 299)	W2021, F2021
• Silvia Zhou	Directed research course (PSYC570, 575)	F2021-W2022
• Gabrielle Craddock	Directed research course (PSYC575)	W2021
• Sarah Cvetkovski	Honours thesis (PSYC501)	F2020-W2021
• Emma Ilyaz	Honours thesis (PSYC501)	F2020-W2021
• Madelaine Gravelle	Directed research course (PSYC570, 575)	F2020-W2021

Undergraduate fellowships, Queen's University

• Emily Schreiner	Summer Work Experience Program (SWEP)	S2023
• Sarah Robichaud	Undergraduate Student Summer Research Fellowships (USSRF)	S2023
• Riley Bonar	Arts & Science Undergraduate Research Fund (ASURF)	S2023
	Summer Work Experience Program (SWEP)	S2022
• Reem Atallah	Undergraduate Student Research Award (NSERC USRA)	S2022
• Madelaine Gravelle	Arts & Science Undergraduate Research Fund (ASURF)	S2021

Staff, Queen's University

• Sarah Robichaud	Lab coordinator	2023-
• Sierra McNulty	Lab coordinator	2022-2023
• Emma Ilyaz	Lab coordinator	2021-2022

Co-supervision & mentorship

Post-baccalaureate research assistants, Nationwide Children's Hospital *(co-supervised with Dr. Eric Nelson)*

• Joseph Venticinque	2017-2018
• Stanley Singer, Jr.	2017-2018
• Connor Grannis	2018-2020
• Andy Hung	2018-2020
• Roberto French	2018-2020

Undergraduate Honours students, McGill University *(mentored students supervised by Dr. Melanie Dirks)*

- Irene Giannis 2017-2018
- Jessica Burdo 2016-2017
- Maria Leis 2015-2016
- Lara Feldman 2014-2015
- Verity Ly 2013-2014
- Erinn Acland 2013-2014
- Shiming Huang 2012-2013

PROFESSIONAL SERVICE

Ad-hoc review

Journals

Social Cognitive and Affective Neuroscience
Social Development
Journal of Research on Adolescence
Journal of Adolescence
Social Neuroscience
Journal of Gerontology: Psychological Sciences
Cognition and Emotion
Developmental Psychobiology
Affective Science
Journal of Intelligence
Frontiers in Psychology: Emotion Science
British Journal of Developmental Psychology
Psychological Research
Brain and Behavior
Royal Society Open Science
Development & Psychopathology
Journal of Nonverbal Behavior
Cerebral Cortex
Early Child Development and Care
Scientific Reports
Emotion
Motivation & Emotion
Canadian Journal of Experimental Psychology
Biological Psychology
Brain Communications

Funding agencies

Natural Sciences and Engineering Research Council (NSERC), 2022-2025
Scholarships and Fellowships Selection Committee for Psychology

Swiss National Science Foundation, external reviewer 2020, 2021, 2022

Social Sciences and Humanities Research Council (SSHRC), Insight Grant, external assessor 2021

Professional societies

Society for Research in Child Development conference submissions 2020

Awards

Major Admissions Awards reader, Queen's University 2021

Institutional & departmental service

Academic committee service

- Centre for Neuroscience Seminar Series Committee
  Chair 2022-
- Queen's University Fellowship Committee
  Member 2022-

- Queen's University Department of Psychology Merit Committee
  Member 2022
- Queen's University Psychology Equity Diversity & Inclusion (EDI) Committee 2020-2022
  Member
- Research Institute Trainees Association, Nationwide Children's Hospital
  Center representative 2018-2020
- Centre for Research in Human Development Steering Committee
  Student representative 2013-2015
- Hebb Student Colloquia Committee
  Chair 2014-2015
  Member 2012-2014
- Graduate Association of Students in Psychology
  Secretary 2012-2014
  Member 2011-2012
- Centre for Research in Human Development Student Committee
  Member 2011-2014

Graduate student evaluation committees

Dissertation committees, Queen's University

• Cameron Hines	Master's Committee	2023-
• Elias Elaneh	Master's Committee	2023-
• Katie Faulkner	Master's Committee	2023-
• Aleiia Asmundson	Master's Committee	2023-
• Isabell Pitigoi	Master's Committee	2023
• Vanessa Martin	Ph.D. Committee	2023-
• Elaine Psaradellis	Master's Committee	2022-2024
• Brianne Derby	Master's Committee	2022-2023
• Megan Wylie	Ph.D. Committee	2022-
• James Hillman	Ph.D. Committee	2022-
• Laura de la Roche	Ph.D. Committee	2022-
• Kate Zucconi	Ph.D. Committee	2021-
• Layla Hall	Ph.D. Committee	2021
• Vanessa Martin	Master's Committee	2020-2021
• Anna Gustafsson	Master's Committee	2020-2021

Graduate comprehensive examination committees, Queen's University

• Vanessa Martin	Developmental program	2023-
• Kyla Mayne	Developmental program	2022-2023
• Brooke Hilton	Developmental program	2022-2023
• Katherine Snelling	Developmental program	2022-2023
• Megan Wylie	Developmental program	2021-2023
• Laura de la Roche	Developmental program	2021-2023
• Kate Zucconi	Cognitive Neuroscience program	2021

Thesis examination committees, Queen's University

• Anisia Wong	Internal external examiner, M.Sc. defense	2023

• Karys Peterson-Katz	Internal external examiner, Ph.D. defense	2023
• Shahryar Naeini	Chair, M.Sc. defense	2023
• Caitlin Barry	Chair, M.Sc. defense	2022
• Emilia Sherifi	Chair, M.Sc. defense	2022
• Glenda Christou	Internal external examiner, Ph.D. defense	2021

Professional affiliations

Centre for Neuroscience Studies at Queen's University	*current*
Society for Research in Child Development	*current*
Social and Affective Neuroscience Society	*current*
Association for Psychological Science	*current*
Society for Research on Adolescence	
Flux Society	
Society for Neuroscience	
Society for Social Neuroscience	
Centre for Research in Human Development	
Centre for Research on Brain, Language and Music	

CLINICAL EXPERIENCE

- Psychology pre-doctoral internship — 2015- 2017
  Emotional Health Cognitive Behaviour Therapy Clinic, Montreal, Canada
  Supervisors: Dr. Luisa Cameli, Dr. Francine MacInnis

- Psychology practicum — 2014- 2015
  Teenage Health Unit, Herzl Family Practice Center, Montreal, Canada
  Supervisor: Dr. Perry Adler

- Psychoeducation group therapist — 2014-2015
  McGill Cardiovascular Health Improvement Program - Healthy Weight Program
  Supervisor: Dr. Barbel Knauper

- Psychology practicum — 2013-2014
  Sex & Couples Therapy Service, Allan Memorial Institute, Montreal, Canada
  Supervisors: Dr. Julie Larouche, Dr. Corinne Gutman, Dr. Gerald Wiviott

- Psychology practicum — 2013-2014
  Anxiety Disorders Clinic, Allan Memorial Institute, Montreal, Canada
  Supervisor: Dr. Jennifer Russell

- Psychology practicum — 2012-2013
  Eating Disorders Clinic, Douglas Institute, Montreal, Canada
  Supervisors: Dr. Howard Steiger, Dr. Ken Bruce, Dr. Lea Thaler

- Psychology undergraduate stage — 2010-2011
  Levinschi House, Douglas Institute, Montreal, Canada
  Supervisor: Mr. Mike Coward

STATISTICAL, METHODOLOGICAL, AND OTHER TRAINING

- *Course Design Express.* Workshop given by Dr. Lauren Anstey. Queen's University, Kingston, ON, Canada. July 2020 (6 hours).

- *Project Management for Researchers.* Training seminar given by Jay Johnson. Ohio State University, Columbus, OH. September 2018 (8 hours).
- *Management Skills for Scientists.* Course given by Dr. Carl Cohen. Ohio State University, Columbus, OH. August 2018 (16 hours).
- *Meta-Analysis: An Introductory Workshop*. Course given by Dr. Amy L. Dent and Dr. Alison C. Koenka. Nationwide Children's Hospital, Columbus, OH. March 2018 (8 hours).
- *Methods for Multilevel Dichotomous and Count Data.* Course given by Dr. Ann A. O'Connell. Nationwide Children's Hospital, Columbus, OH. December 2017 (8 hours).
- *Réseau de Bio-Imagerie du Québec fMRI Summer School training.* Course given by Dr. Jorge Armony. Centre de recherche de l'Institut universitaire de gériatrie de Montréal, Montreal, Canada. August 2016 (4 hours).
- *Structural Equation Modeling: Foundations and Extended Applications.* Course given by Dr. Todd Little and Dr. Noel Card. University of Kansas Summer Institute in Statistics, Lawrence, KS. June 2013 (35 hours).

COMMUNITY OUTREACH

Lab-hosted and -developed workshops on affective science for youth 2023-
Girls Inc., Q Camps, Science Quest, Let's Talk Science

Member of Board of Directors for Youth Imagine the Future festival 2023-

MEDIA (selected)

Has two years of masking hurt our kids? Here's what experts say. Global News. February 16, 2022.

Understanding the Social Neural Network. Pediatrics Nationwide. July 6, 2021.

Brain Characteristics Associated with Epilepsy and Internalizing Disorders. Pediatrics Nationwide. February 27, 2020.

How Do Brain Processes Change with Social Reorientation Toward Peers in Adolescence? Pediatrics Nationwide. August 30, 2019.

Les enjeux de communication des ados : La question avec Sophie-Andrée Blondin. « Les Années lumières », Radio-Canada. September 30, 2018.

Teens Struggle to Decipher Peers' Emotions Through Tone of Voice, Study Finds. CBS Boston. August 29, 2018.

Study: Understanding others' feeling based on tone of voice can be challenging to teens. The Medical News. August 29, 2018.

Teenagers have a hard time reading one another's tones of voice. Science Daily. August 28, 2018.

Teenagers have a hard time reading one another's tones of voice. McGill Newsroom. August 27, 2018.