

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. **Morningstar, M.**, Billetdeaux, K.A., Mattson, W.I., Gilbert, A.C., Nelson, E.E., & Hoskinson, K.R. (2024). Neural response to vocal emotional intensity in youth. *Cognitive, Affective, and Behavioral Neuroscience* (ePub). doi: 10.3758/s13415-024-01224-6
2. **Morningstar, M.** (2024). A louder call for the integration of multiple nonverbal channels in the study of affect. *Affective Science* (ePub). doi: 10.1007/s42761-024-00265-x
3. **Morningstar, M.**, Hughes, C., French, R.C., Grannis, C., Mattson, W.I., & Nelson, E.E. (2024). Functional connectivity during facial and vocal emotion recognition: Preliminary evidence for dissociations in developmental change by nonverbal modality. *Neuropsychologia*, 202, 108946. doi: 10.1016/j.neuropsychologia.2024.108946
4. **Nault, D.R.†**, **Bonar, R.J.T.†**, **Ilyaz, E.†**, Dirks, M.A., & **Morningstar, M.** (2024). Fast and friendly: The role of vocal cues in adolescents' responses to and perceptions of peer provocation. *Journal of Research on Adolescence*, 34, 1054-1068. doi: 10.1111/jora.12992
5. **Ilyaz, E.†**, Feng, X., Fu, X., Nelson, E.E., & **Morningstar, M.** (2024). Vocal emotional expressions in mothers with and without a history of major depressive disorder. *Journal of Nonverbal Behavior* (ePub). doi: 10.1007/s10919-024-00462-z

6. Fu, X., Bolton, S.H., **Morningstar, M.**, Mattson, W.I., Feng, X., & Nelson, E.E. (2024). 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*, 52, 1469-1483. doi: 10.1007/s10802-024-01205-w
7. 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
8. **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
9. **Morningstar, M.**, Mattson, W.I., & Nelson, E.E. (2022). Longitudinal change in neural response to vocal emotion in adolescence. *Social Cognitive and Affective Neuroscience*, 17(10), 890-903. doi: 10.1093/scan/nsac021
10. 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
11. **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
12. **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
13. 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
14. 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
15. **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
16. 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
17. 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
18. **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
19. **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

3. Dirks, M.A., & **Morningstar, M.** (2017). Depression in Childhood: Gender Differences. In A.E. Wenzel (Ed.),

- Queen's University
Research Initiation Grant (\$120,000)
Principal Investigator 2020-

Completed grants

- Social Sciences and Humanities Research Council of Canada (SSHRC) 2023-2024
Institutional Grant (\$6,185)
How variations in social context influence youth's verbal & nonverbal emotional expression in social interactions
Principal Investigator
- Social Sciences and Humanities Research Council of Canada (SSHRC) 2021-2024
Insight Development Grant (\$74,970)
Understanding changes in nonverbal emotional expression and its relationship to social functioning 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

Awards

- Kingston Young Professionals 40 Under 40 Award 2024
Awarded for making a "significant impact in [one's] profession and the greater Kingston community"
- 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) Master's Fellowship (\$15,000) 2012-2013
- Social Sciences and Humanities Research Council of Canada (SSHRC) Master's Fellowship (\$17,500) 2011-2012
- 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
Awarded for best undergraduate thesis 2011
- Natural Sciences and Engineering Research Council of Canada (NSERC) CREATE Undergraduate Award for Auditory Cognitive Neuroscience (\$4,500) 2011
- Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Student Research Award (\$5,125) 2010
- McGill Sceptre Investment Counsel Limited Scholarship (\$2,000) 2010
- McGill Dow-Hickson Scholarship (\$2,000) 2010
- Boris Muskatov Prize
Awarded for best work in psychology 2010
- 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. Presentation 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. Presentation 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. Presentation 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 peevelceti

22. 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.
23. 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.

35. 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.
36. **Morningstar, M.**, Venticinque, J., Singer Jr., S., Mattson, W.I., & Nelson, E.E. (2018, May). Age-related differences in neural activation during face processing. *Journal of Clinical Neurophysiology*, 39(5), 1000-1010.

49. 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-

- *PSYC458: Neurobiology of Socio-Emotional Development in Adolescence*

- Queen's University Psychology Equity Diversity & Inclusion (EDI) Committee Member 2020-2022
- Research Institute Trainees Association, Nationwide Children's Hospital Center representative 2018-2020
- Centre for Research in Human Development Steering Committee

- 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 Socio.

- *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 g6 CourD (. A)4.7 (r)-Asetna6 C. Arlsea

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