



ERIN A. MALONEY
CURRICULUM VITAE
CITIZENSHIP: CANADIAN
July, 2022

CONTACT INFORMATION

Erin A. Maloney,
Associate Professor
Canada Research Chair (Tier II) in Academic Achievement and Well-Being
School of Psychology
University of Ottawa
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DEGREES AND CREDENTIALS:

2011 PhD Psychology, University of Waterloo, Canada, Ontario
2008 MA Psychology, University of Waterloo, Canada, Ontario
2007 BA Psychology, University of Waterloo, Canada, Ontario

EMPLOYMENT HISTORY:

ACADEMIC WORK EXPERIENCE:

2022 – Present Associate Professor, Psychology, University of Ottawa, Canada, Ontario
2021 – Present Canada Research Chair (Tier II) in Academic Achievement and Well-Being
2017 – Present Assistant Professor, Psychology, University of Ottawa, Canada, Ontario
2015 – 2015 Part-time Lecturer, Psychology, University of Chicago, United States, Illinois
2011 – 2015 Post-Doctoral Research Scholar, Psychology, University of Chicago, United States, Illinois

NON-ACADEMIC WORK EXPERIENCE:

2017 – 2017 Defense Scientist, National Defense, Canada, Ontario
2016 – 2017 Senior Researcher, Higher Education Quality Council of Ontario

AFFILIATIONS

2021 – Present Board of Governors Member, Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS)
2019 – Present Principal Researcher, Centre for Research on Educational and Community Services (CRECS)
2019 – 2024 Board of Governors Member, Mathematical Cognition and Learning Society (MCLS); Justice, Equity, Diversity, and Inclusion Sub-Committee Chair
2017 – 2022 Advisory Board Member, Women in Cognitive Science – Canada

SUMMARY

Peer Reviewed Journal Publications: 37 (Citations = 4152, h-index = 22)

Non-Refereed Chapters and Journal Articles: 3

Total amount of funding received: \$1,422,902.00 (\$950,588.00 as PI)

HONOURS

- 2021 **Psychonomic Society Early Career Award**, to recognize young scientists who have made excellent scientific contributions to the field of cognitive psychology early in their careers.
- 2021 University of Ottawa **Faculty of Social Sciences' Young Researcher Award**, presented annually to a member who has earned distinction for his or her unit and Faculty as a result of the importance and exceptional characteristics of his or her research work
- 2013 **Psychonomic Society Associate Member Select-Speaker Award**, The Select-Speaker Awards are designed to showcase exceptional research by Associate Members of the Psychonomics Society, Psychonomic Society
- 2013 **The Best Writing on Mathematics**, Maloney, E.A., & Beilock, S.L. (2012) Math anxiety: Who has it, why it develops, and how to guard against it. Trends in Cognitive Science, 16, 404-406 was reprinted in The Best Writing on Mathematics (2013). Princeton University Press. Princeton, NJ, Princeton University Press
- 2009 **Association for Psychological Science Student Researcher Award**, To promote and acknowledge outstanding research conducted by graduate student members, Association for Psychological Science

RESEARCH FUNDING
EXTERNAL RESEARCH FUNDING (PI):

2022/04 - 2028/03 Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant; Exploring The Relation Between Parents' Math Anxiety, Homework Help, and Children's Mathematics Achievement and Mathematics Anxiety, \$269,768 (with Jo-Anne LeFevre, Helena Osana, Sheri-Lynn Skwarchuk, Jean-Francois Bureau)

2022/04 - 2027/03 Ministry of Economic Development and Innovation Early Researcher Award. Scaffolding the Involvement of Parents in Their Child's Mathematics Education, \$190,000

2021/10 - 2026/9 Canada Research Chairs Program (CRC) - Social Sciences and Humanities Research Council of Canada (SSHRC); Academic Achievement and Well-Being, \$600,000

2021/11 Canada Foundation for Innovation (CFI) - John R. Evans Leaders Fund; Accessible Research on Wheels (AROW), \$85,788

2018/9 - 2021/8 Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant; *Impact of parents' math attitudes and homework helping on children's success in mathematics*, \$62,300

2018/4 - 2024/3 Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant, *Mechanisms Underlying Numerical and Mathematical Cognition*, \$182,500

EXTERNAL RESEARCH FUNDING (Co-PI):

2021/3 - 2024/3 Social Sciences and Humanities Research Council of Canada (SSHRC) Individual Partnership Development Grants; *Opening the ToyBox: Expanding literacy, numeracy and wellness strategy development and access to families across Manitoba*, \$200,000
(with Sheri-Lynn Skwarchuk, Alexa Okrainec, Kenneth L. Reimer)

2019/4 - 2024/3 Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant; *Adding It Up: The Influence of Home and School Experiences on Children's Early Math Learning*, \$247,850 (with Jo-Anne LeFevre, Helena Osana, Sheri-Lynn Skwarchuk)

2019/1 - 2019/8 Social Sciences and Humanities Research Council of Canada (SSHRC) Connections Grant, *The Counting on Teachers Forum: Connecting Researchers and Practitioners in Mathematics Teaching and Learning*, \$24,464 (with Helena Osana, Sheri-Lynn Skwarchuk, Jo-Anne LeFevre)

INTERNAL RESEARCH FUNDING (PI):

2018/4 - 2019/3 University of Ottawa Research Development Program Seed Funding Opportunity, *Parental Helping Behaviours*, \$20,000

PUBLICATIONS

† Denotes author was an undergraduate student when the paper was accepted

* Denotes author was a graduate student when the paper was accepted

UNDER REVIEW

1. *Storozuk, A., & **Maloney, E. A.** (revised and re-submitted). Consumers with math anxiety make worse financial decisions when comparing products.. (25 pages)
2. *Gibeau, R-M. **Maloney, E.A.**, Béland, S., Lalande, D., Cantinotti, M., Williot, A., Chanquoy, L., Simon, J. & Cousineau, D. (submitted). The correlates and antecedents of statistics anxiety: A hierarchy of anxieties starting with spatial anxiety? (51 pages)
3. Lafay, A., *Adrien, E., Di Lonardo Burr, S., Douglas, H., Provost-Larocque k., Xu C., LeFevre J-A., **Maloney, E.A.**, Osanam H. P., Skwarchuk S-L., Wylie, J (submitted). Transcoding of French Numbers for First- and Second-Language Learners in Third Grade. (35 pages).

PUBLICATIONS IN PEER-REVIEWED JOURNALS

2022

1. Skwarchuk, S.L., Douglas, H., Cahoon, A., LeFevre, J-A, Xu, C., Roy, E., Simms, V., Wylie, J., **Maloney, E.A.**, Osana, H.P.. & Susperreguy, M.I., (2022). Relations between the Home Learning Environment and the Literacy and Mathematics Skills of Eight-Year-Old Canadian Children. *Edu. Sci.* 12(13)

2. *Daker, R., *Delage, V., **Maloney, E.A.**, Lyons, I.M., (in press). Testing the specificity of links between anxiety and performance within mathematics and spatial reasoning. *Annals of the New York Academy of Sciences* (26 pages)
3. Hunt, T., & **Maloney, E.A.**, (in press). Appraisals of previous maths experiences play an important role in maths anxiety. *Annals of the New York Academy of Sciences* (34 pages)

2021

4. *Retanal, F., †Johnston, N.B., Di Lonardo Burr, S.M., *Storozuk, A., *DiStefano, M., & **Maloney, E.A.** (2021). Controlling-Supportive Homework Help Partially Explains the Relation Between Parents' Math Anxiety and Children's Math Achievement (2021). *Educ. Sci.* 11(10), 620; <https://doi.org/10.3390/educsci11100620>
5. Xu, C., S., Di Lonardo Burr, LeFevre, J.-A., Skwarchuk, S., Douglas, H., Lafay A, Wylie, J., Simms, V., Osana H., & **Maloney E. A.** (accepted Oct 1, 2021). Pathways to Learning Mathematics for Students in French-Immersion and English-Instruction Programs. *Journal of Educational Psychology*
6. *Delage, V., *Trudel, G., *Retanal, F., & **Maloney, E. A.** (in press; accepted May 21st, 2021). Spatial Anxiety and Spatial Ability: Mediators of Gender Differences in Math and Spatial Anxiety. Manuscript submitted for publication to *Journal of Experimental Psychology: General*. (44 pages)
7. Xu, C., LeFevre, J. A., Skwarchuk, S.-L., Di Lonardo Burr, S., Lafay, A., Wylie, J., Osana, H. P., Douglas, H., **Maloney, E. A.**, & Simms, V. (in press; accepted April 28th, 2021). Integration of Arithmetic Associations from Grades 2 to 3. *Developmental Psychology*.
8. Hornburg, C. B., Borriello, G.A., Kung, M., Lin, J., Litkowski, E., Cosso, J., Ellis, A., King, Y., Zippert, E., Cabrera, N., Davis-Kean, P., Eason, S. H., Hart, S. A., Iruka, I., LeFevre, J.-A., Simms, V., Susperreguy, M. I., Cahoon, A., Chan, W. W. L., Cheung, S. K., Coppola, M., De Smedt, B., Elliot, L., Estévez-Pérez, N., Gallagher-Mitchell, T., Gardner-Neblett, N., Gilmore, C., Leyva, D., **Maloney, E. A.**, Manolitsis, G., Melzi, G., Mutaf-Yildiz, B., Nelson, G., Niklas, F., Pan, Y., Ramani, G. B., Skwarchuk, S.-L., Sonnenschein, S., & Purpura, D. J. (in press; accepted on April 28th, 2021). Next directions in measurement of the home mathematics environment: An international and interdisciplinary perspective. *Journal of Numerical Cognition*.
9. *Song, S., Xu, C., **Maloney, E. A.**, Skwarchuk, S.-L., Di Lonardo Burr, S., Lafay, A., Wylie, J., Osana, H. P., Douglas, H., & LeFevre, J.-A., (2021). Longitudinal relations between young students' feelings about mathematics and arithmetic performance. *Cognitive Development*. 59, 101078.
10. Xu, C., Lafay, A., *Douglas, H., *Di Lonardo Burr, S., LeFevre, J.-A., Osana, H. P., Wylie, J., Skwarchuk, S.-L., Simms, V., & **Maloney, E. A.** (accepted for publication February 6th, 2021). The Role of Mathematical Language Skills in Arithmetic Fluency and Word-Problem Solving for First- and Second-Language Learners. *Journal of Educational Psychology*
11. Schaeffer, M. W., Rozek, C. S., **Maloney, E. A.**, Berkowitz, T., Levine, S. C., & Beilock, S. L., (2021). Elementary School Teachers' Math Anxiety and Students' Math Learning: A Large-Scale Replication. *Developmental Science*. DOI: 10.1111/desc.13080

2020

12. *Storozuk, A., *Ashley, M., *Delage, V., & **Maloney, E. A.** (2020). Got bots? Practical recommendations to protect online survey data from bot attacks. *The Quantitative Methods for Psychology*, 16(5), 472–481. doi:10.20982/tqmp.16.5.p472

13. **Maloney, E. A.**, & *Retanal, F. (2020). Higher math anxious people have a lower need for cognition and are less reflective in their thinking. *Acta Psychologica*, 202, 102939.
14. *DiStefano, M., *O'Brien, B., *Storozuk, A., Ramirez, G., & **Maloney, E. A.** (2020). Exploring math anxious parents' emotional experience surrounding math homework-help. *International Journal of Educational Research*, 99,

2019

15. **Maloney, E. A.**, Barr, N., Risko, E. F., & Fugelsang, J. A. (2019). Working Memory Load Dissociates Common Indices of the Numerical Distance Effect: Implications for the Study of Numerical Cognition. *Journal of Numerical Cognition*. 5 (3), 337-357
16. Ramirez, G., *Fries, L., Gunderson, E. A., Schaeffer, M., **Maloney, E. A.**, Beilock, S. L., & Levine, S. C. (2019). Reading anxiety - An early affective impediment to children's success in reading. *Journal of Cognition and Development*. 20 (1), 15-34

2018

17. Ramirez, G., *Shaw, S., & **Maloney, E. A.** (2018). Math Anxiety: Past Research, Promising Interventions, and a New Interpretation Framework. *Educational psychologist*. doi:10.1080/00461520.2018.1447384
18. Lyons, I. M., Ramirez, G., **Maloney, E. A.**, *Redina, D, Levine, S. C., & Beilock, S. L. (2018). Spatial Anxiety: A novel questionnaire with subscales for measuring three aspects of spatial anxiety. *Journal of Numerical Cognition*. 4 (3), 526-553,
19. Gunderson, E., Park, D., **Maloney, E. A.**, Beilock, S. L., & Levine, S. C. (2018). Reciprocal relations among motivational frameworks, math anxiety, and math achievement in early elementary school. *Journal of cognition and development*, 19(1), 21-46.

2017

20. *Chang, H., Sprute, L., **Maloney, E. A.**, Beilock, S. L., & Berman, M. G. (2017). Simple arithmetic: Not so simple for highly math anxious individuals. *Social Cognitive and Affective Neuroscience*, 12(1), 1940-1949.

2016

21. Ramirez, G., *Chang, H., **Maloney, E. A.**, Levine, S. C., & Beilock, S. L. (2016). On the relationship between math anxiety and math achievement in early elementary school: The role of problem solving strategies. *Journal of experimental child psychology*, 141, 83-100.
22. *Berkowitz, T., *Schaeffer, M. W., Rozek, C. S., **Maloney, E. A.**, Levine, S. C., & Beilock, S. L. (2016).

2015

23. **Maloney, E. A.**, Converse, B. A., Gibbs, C. R., Levine, S. C., & Beilock, S. L. (2015). Jump-Starting Early Childhood Education at Home: Early Learning, Parent Motivation, and Public Policy. *Perspectives on psychological science: A journal of the Association for Psychological Science*, 10(6), 727-32.
24. *Berkowitz, T., *Schaeffer, M. W., **Maloney, E. A.**, Peterson, L., *Gregor, C., Levine, S. C., & Beilock, S. L. (2015). Math at home adds up to achievement in school. *Science*, 350(6257), 196-198.

25. *Ferguson, A. M., **Maloney, E. A.**, Fugelsang, J., & Risko, E. F. (2015). On the relation between math and spatial ability: The case of math anxiety. *Learning and individual differences*, 39, 1-12.
26. Beilock, S. L., & **Maloney, E. A.**, (2015). Math anxiety: A factor in math achievement not to be ignored. *Policy insights from the behavioral and brain sciences*, 2(1), 4-12.
27. Response to Comment on "Math at home adds up to achievement in school. *Science*, 351(6278), 1161.
28. **Maloney, E. A.**, Ramirez, G., Gunderson, E. A., Levine, S. C., & Beilock, S. L. (2015). Intergenerational Effects of Parents' Math Anxiety on Children's Math Achievement and Anxiety. *Psychological science*, 26(9), 1480-8.

2014

29. **Maloney, E. A.**, Sattizahn, J. R., & Beilock, S. L. (2014). Anxiety and cognition. *Wiley interdisciplinary reviews. Cognitive science*, 5(4), 403-11.

2013

30. Risko, E. F., **Maloney, E. A.**, & Fugelsang, J. A. (2013). Paying attention to attention: evidence for an attentional contribution to the size congruity effect. *Attention, perception & psychophysics*, 75(6), 1137-47.
31. **Maloney, E. A.**, Schaeffer, M. W., & Beilock, S. L. (2013). Mathematics anxiety and stereotype threat: Shared mechanisms, negative consequences, and promising interventions. *Research in mathematics education*, 15, 115-128.

2012

32. **Maloney, E. A.**, Waechter, S., Risko, E. F., & Fugelsang, J. A. (2012). Reducing the sex difference in math anxiety: The role of spatial processing ability. *Learning and individual differences*, 22, 380-384.
33. **Maloney, E. A.**, & Beilock, S. L. (2012). Math anxiety: who has it, why it develops, and how to guard against it. *Trends in cognitive sciences*, 16(8), 404-6.

2011

34. **Maloney, E. A.**, Ansari, D., & Fugelsang, J. A. (2011). The effect of mathematics anxiety on the processing of numerical magnitude. *Quarterly journal of experimental psychology*, 64(1), 10-6.

2010

35. **Maloney, E. A.**, Risko, E. F., Ansari, D., & Fugelsang, J. (2010). Mathematics anxiety affects counting but not subitizing during visual enumeration. *Cognition*, 114(2), 293-7.
36. **Maloney, E. A.**, Risko, E. F., Preston, F., Ansari, D., & Fugelsang, J. (2010). Challenging the reliability and validity of cognitive measures: the case of the numerical distance effect. *Acta psychologica*, 134(2), 154-61.

2009

37. **Maloney, E. A.**, Risko, E. F., O'Malley, S., & Besner, D. (2009). Tracking the transition from sublexical to lexical processing: On the creation of orthographic and phonological lexical representations. *Quarterly journal of experimental psychology*, 62, 858-867.

Non-Refereed Chapters In Books

38. Ginet, L., Itzkowich, R., & **Maloney, E. A.** (2018). Math Anxiety and Math Performance: How Do They Relate?. *Growing Mathematical Minds* (pp. 173-199). Routledge.
39. **Maloney E. A.** (2016). Math anxiety. In Kathryn R. Wentzel, David B. Miele (Ed.), *Handbook of Motivation at School* (pp. 408-423). Routledge.

Non-Refereed Journal Articles

40. Morsanyi, K., Mammarella, I. C., Szűcs, D., Tomasetto, C., Primi, C., & **Maloney, E. A.** (2016). Editorial: Mathematical and Statistics Anxiety: Educational, Social, Developmental and Cognitive Perspectives. *Frontiers in psychology*, 7, 1083.

IN PREP (drafts available upon request)

1. *Gibeau, R-M. **Maloney, E.A.**, Béland, S., Lalande, D., Cantinotti, M., Williot, A., Chanquoy, L., Simon, J. & Cousineau, D. (submitted). The correlates and antecedents of statistics anxiety: A hierarchy of anxieties starting with spatial anxiety? (51 pages)
2. *Retanal, F., **Maloney, E. A.** (submitted). The Impact of Verbal and Spatial Working Memory Loads on the Symbolic Numerical Distance Effect. (21 pages)
3. *Trudel, G., †Delage, V., *Daker, R., *Retanal, R., **Maloney, E.A.**, (revise and re-submit). Math Anxiety Explains the Gender Difference in Undergraduates' Mathematics Performance. (30 pages)
4. Park, D., Gunderson, E., **Maloney, E.A.**, *Tsukayama, E., Beilock, S.L., Duckworth, A., & Levine, S. (revised and re-submitted). Intrusive Parental Homework Support and Children's Math Achievement: Relation to Children's Theory of Intelligence. (revise and re-submit). (42 pages)

CONFERENCE and WORKSHOP PRESENTATIONS

† indicates author was an undergraduate student.

* indicates author was a graduate student.

INVITED TALKS:

1. 2019 – Spatial Skills – A Secret Ingredient in Academic and Financial Success. Orleans Wood Elementary School, OCDSB, Ottawa, Canada
2. 2019 – Math Anxiety: What To Do When Math Scares You. Canada Science and Technology Museum, Ottawa, Canada.
3. 2019 – Math Anxiety: Causes, Consequences, and Remediation. Pickering Center Colloquium.
4. 2018 – Math Anxiety and “Mathematizing” daily activities. Half Moon Bay Public School, OCDSB, Ottawa, Canada
5. 2018 – Math Anxiety and “Mathematizing” daily activities. Jockvale Public School, OCDSB, Ottawa, Canada
6. 2018 – What is Math Anxiety and What Can We Do To Help? Barrhaven Public School – Parent Math Night, OCDSB, Ottawa, Canada
7. 2018 – How can we help children with math anxiety? Barrhaven Public School, OCDSB, Ottawa, Canada
8. 2018 – How can we help children with math anxiety? A. Lorne Cassidy Elementary School , OCDSB, Ottawa, Canada
9. 2018 – Math Anxiety. The Art & Science of Math Education Conference, London, Canada
10. 2018 – Math anxiety and stereotype threat; What they are, how they limit girls in STEM, and what we can do to help. Strength in Numbers, Kingston, Canada

11. 2017 – Negative Emotions in the Maths Classroom. Australian Mathematical Sciences Institute, Melbourne, Australia
12. 2017 – Parents' math anxiety: How it can hurt their children and what we can do to help. Connecting Cognition, Affect, and Academic Skills, Ottawa, Canada.
13. 2014 – Exploring the developmental trajectory of math anxiety. Temple University Research in Spatial Cognition (RISC) series, Philadelphia, United States.

SELECTED CONFERENCE PRESENTATIONS:

COMPLETED

1. *Storozuk, A., *Ashley, M., Delage, V., & **Maloney, E. A.** (2021, June). Can you spot the bot? How to protect online data from bot attacks. Oral presentation at the 82nd Canadian Psychological Association Annual National Convention, Online.
2. *Trudel, G., †Delage, V., *Retanal, F., & **Maloney, E. A.** (2021, June). Math anxiety is a mediator of the relation between gender and math achievement. Poster presentation at the Canadian Association of Psychology (CPA) conference, Webinar.
3. *Trudel, G., †Delage, V., *Retanal, F., & **Maloney, E. A.** (2021, May). Math Anxiety is a Mediator of the Relation Between Gender and Math Achievement. Poster presentation at the Association for Psychological Science (APS) conference, Webinar.
4. †Delage, V., *Trudel, G., *Retanal, R., & **Maloney, E. A.** (2021, May). Manipulation Ability, Manipulation Anxiety, Navigation Anxiety and Math Ability Mediate the Relation between Gender and Math Anxiety [Virtual Poster Presentation]. Association for Psychological Science Virtual Convention, Online.
5. *Storozuk, A. & **Maloney, E. A.** (2021, May). Math Ability Explains, In Part, Why Math-Anxious Adults Are Less Knowledgeable About Finances. Flash Talk accepted for presentation at the Association for Psychological Science Virtual Convention, Online.
6. *Retanal, F., Di Lonardo Burr, S., Xu, C., Bureau, J.-F., DiStefano, M., Douglas, H., Hunt, T., Lafay, A., LeFevre, J.-A., Osana, H., Simms, V., *Song, C., Skwarchuk, S.-L., †Trepiaik, P., Wylie, J., & **Maloney, E. A.** (2021, May). *Children's Math Anxiety Predicts the Overall Negativity of the Math Homework Interaction, but Parent's Math Anxiety Does Not.* Poster presentation at the Association for Psychological Science (APS).
7. Park, D., Gunderson, E. A., **Maloney, E. A.**, *Tsukayama, E., Beilock, S. L., Duckworth, A., & Levine, S. C. (2021, April). Intrusive Parental Homework Support and Children's Math Achievement: Relation to Children's Theories of Intelligence [Paper presentation; symposium; Society for Research in Child Development Biannual Meeting, Virtual.
8. *Trudel, G., †Delage, V., *Retanal, F., & **Maloney, E. A.** (2020, June). Is the gender difference in math performance better explained by math anxiety? Poster presentation at the International Mind, Brain and Education Society (IMBES) conference, Webinar.
9. *Trudel, G., †Delage, V., *Retanal, F., & **Maloney, E. A.** (2020, June). Math anxiety mediates the relation between gender and math achievement. Poster presentation at the Mathematical Cognition and Learning Society (MCLS) conference, Webinar.
10. *Storozuk, A., & **Maloney, E. A.** (2020, December). Size doesn't matter: Lower price heuristics bias shopping decisions, regardless of math anxiety. Poster presented virtually at the Society of Judgment and Decision Making Conference, Online.

11. †Trudel, G., *Delage, V., *Retanal, R., & **Maloney, E. A.** (2020, October). Math anxiety mediates the gender difference in undergraduates' mathematics performance in various math strands. Poster presented at the Mathematical Cognition and Learning Society, Webinar.
12. *Storozuk, A., & **Maloney, E. A.** (2020, November). *Bigger is Better vs. Less is More: Lower price heuristics bias shopping decisions, regardless of math anxiety* [Virtual Poster Presentation]. 61st Psychonomic Society Annual Convention, Austin, Texas, USA.
13. *Trudel, G., †Delage, V., *Retanal, F., & **Maloney, E. A.** (2020, October). *Math anxiety mediates the gender difference in undergraduates' mathematics performance in various math strands* [Poster Presentation]. The Mathematical Cognition and Learning Society, Webinar.
14. †Song, S. C, Xu, C., J. -A., Skwarchuk, S., **Maloney, E. A.** & Osana, H. (2020, July). *Arithmetic Skill Predicts Growth in Math Anxiety from Grade 2 to Grade 3* [Virtual Poster Presentation]. Cognitive Science Society Conference.
15. LeFevre, J.-A., Skwarchuk, S.-L., **Maloney, E. A.**, Xu, C., Osana, H., Lafay, A., Merkley, R., *Di Lonardo, S., & *Douglas H. (2020, June). *Exploring transactional relations between spatial and mathematical skills: The case of the number line and spatial span*. Presented at Annual conference of Canadian Psychology Association, Montreal, QC, Canada. (Conference Canceled because of the covid-19)
16. *Storozuk, A., *Marrone, R. L., Tubb, A., Cropley, D., & **Maloney, E. A.** (2020, May). *Is Stereotype Threat threatening females' abilities to be Mathematically creative?* [Virtual Poster Presentation]. 81st Canadian Psychological Association Annual National Convention, Montréal, Quebec, Canada.
17. *Storozuk, A., & **Maloney, E.A.** (2020, May). *The Costco Effect: Exploring the impact of math anxiety on consumer purchasing behavior* [Virtual Poster Presentation]. Interdisciplinary Conference in Psychology, Ottawa, Canada.
18. †Johnston, N., *DiStefano, M., & **Maloney, E. A.** (2020, May). *The relation between parent's gender-math stereotype endorsement, their question-asking during math-homework, and their child's gender-math stereotype endorsement* [Virtual Poster Presentation]. Interdisciplinary Conference in Psychology, Ottawa, Canada.
19. †Delage, V., *Trudel, G., *Retanal, F., & **Maloney, E. A.** (2020, May). *Three types of spatial anxiety and spatial ability: Mediators of gender differences in math and spatial anxiety* [Virtual Poster Presentation]. Interdisciplinary Conference in Psychology, Ottawa, Canada.
20. †Colorado, S., *Storozuk, A., & **Maloney, E. A.** (2020, May). *The effects of external motivation on the purchasing behaviours of consumers with math anxiety* [Virtual Poster Presentation]. Interdisciplinary Conference in Psychology, Ottawa, Canada.
21. Rothschild, N., Orsini, A., Osana, H. P., Skwarchuk, S., LeFevre, J., Lafay, A. & **Maloney, E. A.** (2020, April). *20 or Vingt? French Immersion Students' Language Choices When Counting Out Loud* [Roundtable Session]. AERA Annual Meeting, San Francisco, CA, <http://tinyurl.com/rbatulm> (Conference Canceled because of the covid-19)
22. Whittaker, R., Xu, C., *Douglas, H., Osana, H. P., Turner, J., Lafay, A., Skwarchuk, S.-L., **Maloney, E. A.**, Merkley, R., & LeFevre, J.-A., (2019, August). *Exploring Symbolic Math Processing in Immersion and Non-Immersion Students* [Poster Presentation]. The Cognitive Science Societies Conference, Montreal, Canada.
23. *Retanal, F., & **Maloney, E. A.** (2019, June). *Need for Cognition and Cognitive Reflection* [Oral Presentation]. The Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS), Waterloo, Canada.

24. *Storozuk, A., *Di Lonardo, S., *Douglas, H., Merkley, R., Osana, H., Skwarchuk, S. L, Xu, C., LeFevre, J. A, & **Maloney, E. A.** (2019, June). *Spatial processes and performance on numerical and mathematical tasks: Where do the relations exist?* [Oral Presentation]. The Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS), Waterloo, Canada.
25. Hadden, S., Macintosh, S., Douglas, H., Xu, C., Osana, H., Skwarchuk, S., Lafay, A., **Maloney, E. A.**, Merkley, R., & LeFevre, J. (2019, June). *Word-Problem Solving In English Language Learners* [Poster Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
26. Hasan, H., Pogrebniak A., *Douglas H., Xu, C., Osana, H., Lafay A., Skwarchuk S., **Maloney, E. A.**, Merkley, R., & LeFevre, J. (2019, June). *Math Vocabulary And Fraction Mapping Skills* [Poster Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
27. **Maloney, E. A.** (2019, June). *Similar but not the same: Examining differences in symbolic distance effects arising in commonly-employed tasks* [Oral Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
28. *Retanal, F., & **Maloney, E. A.** (2019, June). *The role of the need for cognition in math anxious students' mathematic achievement* [Poster Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
29. *Storozuk, A., *Di Lonardo, S., *Douglas, H., Merkley, R., Osana, H., Skwarchuk, S. L, Xu, C., LeFevre, J. A., & **Maloney, E. A.** (2019, June). *Navigating the relations between spatial processes and performance on numerical and mathematical tasks* [Poster Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
30. Whittaker, R., Xu, C., *Douglas, H., Osana, H., Turner, J., Lafay, A., Skwarchuk, S., **Maloney, E. A.**, Merkley, R., & LeFevre, J. (2019, June). *The Role of Language in Math Problem Solving for Immersion and Non-Immersion Students* [Poster Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
31. Xu, C., Lafay, A., LeFevre J., Osana, H. P., Skwarchuk, S., *Douglas, H., Wylie, J., Simms, V., Whittaker, R., Turner, J., Hadden, S., Macintosh, S., **Maloney, E. A.**, & Merkley, R. (2019, June). *The role of math-specific vocabulary for arithmetic fluency and word-problem solving for children learning mathematics in their first or second language* [Oral Presentation]. 2nd Annual Meeting of the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.
32. *Retanal, F., & **Maloney, E. A.** (2019, May). *Are Higher Math Anxious Students Less Reflective in Their Thinking?* [Poster Presentation]. Association for Psychological Science (APS), Washington, D.C., USA.
33. *DiStefano, M., *Storozuk, A., & **Maloney, E. A.** (2019, May). *"Math homework sucks!" Exploring how math anxious parents perceive the homework-helping interaction* [Poster Presentation]. Association for Psychological Science (APS), Washington, D.C., USA.
34. *Storozuk, A., *DiStefano, M., & **Maloney, E. A.** (2019, May). *What do parents think? Investigating parental attitudes about math and reading homework-helping* [Poster Presentation]. Association for Psychological Science (APS), Washington, D.C., USA.
35. †Delage, V., *Trudel, G., & **Maloney, E. A.** (2019, May). *Exploring the relation between spatial abilities and various types of mathematics* [Poster Presentation]. Interdisciplinary Conference in Psychology, Ottawa, Canada.
36. *Storozuk, A., *Di Lonardo, S., *Douglas, H., *Merkley, R., Osana, H., Skwarchuk, S. L, Xu, C., LeFevre, J. A., & **Maloney, E. A.** (2019, May). *Understanding how performance on numerical and mathematical*

- tasks relates to spatial processing* [Poster Presentation]. Interdisciplinary Conference in Psychology, Ottawa, Canada.
37. *DiStefano, M., *Storozuk, A., & **Maloney, E. A.** (2019, January). *Exploring the relation between parental math anxiety and their emotional experience surrounding math homework* [Poster Presentation]. MathEd Forum, Toronto, Canada.
 38. *Storozuk, A., *DiStefano, M., & **Maloney, E. A.** (2019, January). *Exploring the positive and negative parental perceptions surrounding math and reading homework-helping* [Poster Presentation]. MathEd Forum, Toronto, Canada.
 39. *DiStefano, M., *O'Brien, B., & **Maloney, E. A.** (2018, July). "Understanding the impact of parental math anxiety on the homework helping environment". Canadian Society for Brain, Behaviour and Cognitive Science, St-Johns, Canada.
 40. *O'Brien, B., *DiStefano, M., Ramirez, G., & **Maloney, E.A.** (2018, July). "Understanding the relation between parents' math anxiety and their perception of their interactions around mathematics homework". Canadian Society for Brain, Behaviour, and Cognitive Science, St-Johns, Canada.
 41. Gunderson, E. A., Park, D., **Maloney, E. A.**, Beilock, S. L., & Levine, S. (2018, April). "Reciprocal relations among motivational frameworks, math anxiety, and math achievement in early elementary school". 1st Mathematical Cognition and Learning Society Conference, Oxford, United Kingdom.
 42. Lyons I. M., *Daker R. J., *Sokolowski H. M., *Hawes Z., Ramirez G., **Maloney E. A.**, *Rendina D. N., Levine S. C., & Beilock, S. L. (2018, April). "Spatial Anxiety – A novel tool with applications for STEM education". 1st Mathematical Cognition and Learning Society Conference, United Kingdom.
 43. **Maloney E. A.**, Kidder A., LeSage A., Ansari D., & Jones R. M. (2017). "It doesn't add up: Why are math skills declining and what impact will this have on post-secondary education and student success?". Rethinking Access: When Non-Traditional is the new Normal, Toronto, Canada.
 44. *Fine R. D., Rozek C. S., **Maloney E. A.**, Schaeffer M. W., Beilock S. L., & Levine S. C. (2016). "Socioeconomic Status Moderates the Relation Between Parents' Math Anxiety and Their Math Expectations for Their Children". 28th Annual Convention of the Association for Psychological Science, Chicago, United States.
 45. **Maloney E. A.**, Gunderson E. A., Ramirez G., Levine S. C., & Beilock S. L. (2015). "Teachers' stereotype endorsement hinders girls' math achievement and increases their math anxiety". Biannual Meeting of the Society for Research in Child Development, Philadelphia, United States.
 46. *Fine R. D., **Maloney E. A.**, & Beilock S. L. (2015). "Numbers and Cents: The Relationship between Math Anxiety and Financial Literacy". Canadian Society for Brain, Behaviour and Cognitive Sciences Annual Meeting, Ottawa, Canada.
 47. *Fine R., Schaeffer M. W., **Maloney E. A.**, Ramirez G., Beilock S. L., & Levine S. C. (2015). "Differences in Pedagogy between High and Low Math Anxious Teachers and Subsequent Student Performance". Biennial Meeting of the Cognitive Development Society, Columbus, United States.
 48. Levine S. C., Gunderson E. A., Ramirez G., **Maloney E. A.**, & Beilock S. L. (2015). "The role of parents in young children's math learning: Cognitive and emotional factors". Biannual Meeting of the Society for Research in Child Development, Philadelphia, United States.
 49. Park D., Gunderson E. A., **Maloney E. A.**, Beilock S. L., & Levine S. C. (2015). "Children's motivational frameworks moderate the effect of parents' intrusive homework help on achievement". Biannual Meeting of the Society for Research in Child Development, Philadelphia, United States.
 50. **Maloney E. A.**, Gunderson E. A., Ramirez G., Levine S. C., & Beilock S. L. (2014). "Teachers' and parents' math anxiety affects children's math achievement". Development 2014, Ottawa, Canada.

51. **Maloney E. A.**, Gunderson E. A., Ramirez G., Levine S. C., & Beilock S. L. (2014). "Parents' math anxiety affects children's math achievement". Annual Meeting of the Canadian Society for Brain Behaviour and Cognitive Science, Toronto, Canada.
52. **Maloney E. A.** (2014). "Why is it important to developmental psychology to engage in knowledge mobilization?". Development 2014, Ottawa, Canada.
53. **Maloney E. A.**, Gunderson E. A., Ramirez G., Levine S. C., & Beilock S. L. (2014). "Teachers' and parents' math anxiety affects children's math achievement". Banff Annual Seminar in Cognitive Science, Banff, Canada.
54. **Maloney E. A.**, & Beilock S. L. (2014). "Exploring the developmental trajectory of math anxiety". Annual Meeting of the Psychonomic Society, Long Beach, United States.
55. Ferguson A. M., **Maloney E. A.**, Fugelsang J. A., & Risko E. F. (2014). "Lost in space: Sense-of-direction and spatial anxiety in math anxious individuals". Annual Meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science, Toronto, Canada.
56. Levine S. C., **Maloney E. A.**, Ramirez G., Gunderson E. A., & Beilock S. L. (2013). "How the math anxiety of teachers, parents, and children themselves relate to the math achievement of 1st and 2nd grade girls and boys". Society for Research on Educational Effectiveness, Washington, United States.
57. Schaeffer M. W., **Maloney E. A.**, & Beilock S. L. (2013). "Teachers' Efficacy Beliefs Relate to Children's Math Learning When Controlling for Math Anxiety". Midwestern Psychological Association, Chicago, United States.
58. **Maloney E. A.** (2013). "Math anxiety is related to spatial processing and it cannot be "written away"". Annual Meeting of the Psychonomic Society, Toronto, Canada.
59. **Maloney E. A.**, Gunderson E. A., Ramirez G., Levine S. C., & Beilock S. L. (2013). "Teachers' and parents' math anxiety affects girls' math achievement". Annual Meeting of the Canadian Society for Brain Behaviour and Cognitive Science, Kingston, Canada.
60. **Maloney E. A.** (2013). "Math anxiety and spatial processing". Inter-Science of Learning Centers conference, Philadelphia, United States.
61. Lanthier S. N., Wu D., Chapman C., **Maloney E. A.**, & Kingstone A. (2012). "Awareness of cue directionality is important for orienting visual attention, but conscious awareness is not". Annual Meeting of the Visual Sciences Society, Naples, United States.
62. **Maloney E. A.** (2012). "The relation between math anxiety and basic number processing". Social Psychologists of Chicago, Chicago, United States.
63. Risko E. F., **Maloney E. A.**, & Fugelsang J. A. (2012). "Exploring an attentional contribution to the numerical size congruity effect". Annual Meeting of the Psychonomic Society, Minneapolis, United States.
64. **Maloney E. A.** (2012). "The relation between math anxiety and basic spatial processing". Annual Meeting of the Canadian Society for Brain Behaviour and Cognitive Science, Kingston, Canada.
65. **Maloney E. A.**, Waechter S., Soliman S., Risko E. F., & Fugelsang J. A. (2011). "Evidence for a spatial processing deficit in math anxiety". Annual Meeting of the Psychonomic Society, Seattle, United States.
66. **Maloney E. A.**, Waechter S., Soliman S., Risko E. F., & Fugelsang J. A. (2011). "More than math: Evidence for a spatial processing deficit in mathematics anxiety". Annual Meeting of the Association for Psychological Science, Washington, United States.
67. **Maloney E. A.** (2011). "Evidence for a numerical processing deficit in math anxiety". Numerical Cognition symposium at the Jean Piaget Society, Berkeley, United States.

68. **Maloney E. A.** (2011). "The relation between math anxiety and basic numerical and spatial processing". Numerical Cognition Lab (PI – Daniel Ansari), London, Canada.
69. Barr N., **Maloney E. A.**, Ansari D., Stolz J. A., & Fugelsang J. A. (2011). "Not all distance effects are created the same: Examining three commonly-studied symbolic numerical distance effects". Annual Meeting of the Psychonomic Society, Seattle, United States.
70. **Maloney E. A.**, Ansari D., & Fugelsang J. A. (2009). "The effect of math anxiety on counting". University of Waterloo Graduate Student Conference, Waterloo, Canada.

STUDENT SUPERVISION

PHD STUDENTS

- Véronic Delage (Doctorate), Psychology. TBD, September 2021 – Present
- Fraulein Retanal (Doctorate), Psychology. TBD, September 2020 – Present
- Geneviève Trudel (Doctorate), Psychology *Parents' Spatial Abilities, Math Anxiety, and Their Puzzle Play with Their Children*, Principal Supervisor, September 2019 – Present
- Andie Storozuk (Doctorate), Psychology *Examining The Development of Mathematical Knowledge*, Principal Supervisor, September 2018 – Present
- Michela DiStefano (Doctorate), Psychology *The Role of Parents in Children's Math Homework*, Principal Supervisor, September 2018 – Present

PHD STUDENT DISSERTATION COMMITTEE

- Bronwyn O'Brien 2021 – Present
- Dylan Franklin 2020 – Present
- Golnaz Ghaderi 2020 – Present
- Kristina Kljajic 2019 – Present
- Leia Kopp 2019 – Present
- Melodie Chamandy 2019 – Present
- Rebecca Sullivan 2018 – Present
- Sarah-Jayne Keefer 2019 – Present

HONOURS THESIS STUDENTS

1. Samantha Colorado (Bachelor's Honours), *Understanding the Partially Mediated Relation between Math Anxiety and the Financial Anxiety Gender Disparity*, September 2020 - April 2021
2. Shradha Dixit (Bachelor's Honours), *Parent and Child Perceptions of Mathematics versus Reading in a Homework-Helping Environment*, September 2020 - April 2021
3. Jashana Baskaran (Bachelor's Honours), The relation between self-efficacy and math anxiety in parents during homework helping interactions, September 2020 - April 2021
4. Aliza Sandino-Gold (Bachelor's Honours), *Parental Homework Involvement and Academic Excellence in Mathematics among High- Achieving, Low-Income Students*, September 2020 - April 2021
5. Véronic Delage (Bachelor's Honours), Psychology *Effects of Parents Gender Stereotypes on Children's Spatial Play*, Principal Supervisor, September 2019 - April 2020 * awarded best thesis award (internal)

6. Nichole Johnston (Bachelor's Honours), Psychology *Gender Endorsement and Math Anxiety in Homework Helping Behaviours*, Principal Supervisor, September 2019 - April 2020
7. Fraulein Retanal (Bachelor's Honours), Biomedical Science *Understanding How the Mind Processes Numbers*, Principal Supervisor, September 2019 - April 2020
8. Hailey Williams (Bachelor's Honours), Psychology *Exploring the Relation Between Parental Perceptions of Academic Performance and Homework Involvement in Mathematics and Reading*, Principal Supervisor, September 2018 - April 2019
9. Fiona Wilson (Bachelor's Honours), Psychology *Actions Relating to Parental Spatial Talk in Parent-Child Dyads During Physical Puzzle Play*, Principal Supervisor, September 2018 - April 2019
10. Alex-Anne Lameroux (Bachelor's Honours), Psychology *Investigating the role of parent's math anxiety in their expectations towards their child's performance in math*, Principal Supervisor, September 2018 - April 2019

NSERC USRA STUDENTS

- Stephanie Green – May 2019 – August 2019
- Véronic Delage – May 2019 – August 2019; May 2020 – August 2020

UNIVERSITY RESEARCH OPPORTUNITY PROGRAM STUDENTS

- Kalki Nagaratnam – September 2020 – April 2021
- Fatima Qureshi – September 2020 – April 2021
- Alicia Bialczyk – September 2019 – April 2020
- Samantha Colorado – September 2019 – April 2020
- Yassine Hmidani – September 2019 – April 2020
- Véronic Delage – September 2018 – April 2019

DIRECTED RESEARCH COURSE SUPERVISION

- Ashley Hewitt – May 2021 – August 2021
- Kaitlyn Boulanger – May 2021 – August 2021
- Audrey-Anne Forget – May 2021 – August 2021
- Mary Gebre – September 2020 – December 2020
- Philip Trepiaik – September 2020 – December 2020
- Alicia Bialczyk – May 2020 – August 2020
- Samantha Colorado – May 2020 – August 2020
- Shradha Dixit – May 2020 – August 2020
- Geneviève Trudel – May 2018 – August 2018
- Bronwyn O'Brien – December 2017 – May 2018
- Michela Distefano – December 2017 – May 2018

HIGHSCHOOL STUDENT OUTREACH

- Aiden Murphey – September 2020 – April 2021
- Mickael Murphey – September 2020 – April 2021
- Sofia Thieverge – September 2018 – March 2020
- Jeremiah Gabriel – September 2010 – March 2010

TEACHING

UNDERGRADUATE COURSES

PSY1101 Foundations in Psychology, University of Ottawa

PSY3108 Perception, University of Ottawa

PSY3109 Social Motivation, University of Ottawa

GRADUATE COURSES

PSY6191A Educational Neuroscience, University of Ottawa

PSY6191D Fundamentals of the Non-Academic Job Market, University of Ottawa

SCHOLARLY and PROFESSIONAL SERVICE

EVENT ADMINISTRATION

2019 – 2019 Co-Organizer, Counting on Teachers Forum, Bringing together researchers and practitioners from around the globe to inform teaching of early mathematics,

2019 – 2019 Conference Co-Organizer, Mathematical Cognition and Learning Society Annual Conference

EDITORIAL ACTIVITIES

2019 – 2021 Editor, Journal of Numerical Cognition

2015 – 2015 Guest Editor, Special Issue on Mathematics and Statistics Anxiety in Frontiers in Psychology: Cognitive Science

GRADUATE EXAMINATION ACTIVITIES

2020 Doctorate (PhD), External Examiner, Psychology, Julianne Hertz, University of Chicago

2019 Doctorate (PhD), External Examiner, Psychology, Zachary Hawes, Western University

2018 Doctorate (PhD), External Examiner, Psychology, Marjorie Schaeffer, University of Chicago

2015 Doctorate (PSyD), External Examiner, Psychology, Crystal O'Leary, Memorial University Newfoundland

COMMITTEE MEMBERSHIPS

2017 – 2021 Committee Member, *School of Psychology School Council*, University of Ottawa, Canada, Ontario

2020 – 2021 Committee Member, *School of Psychology Equity, Diversity, and Inclusion Committee*, University of Ottawa, Canada, Ontario

2018 – 2019 Committee Member, *Undergraduate Committee*, University of Ottawa, Canada, Ontario

2018 – 2018 Committee Member, *Psychology Student Association Award Selection Committee*, University of Ottawa Psychology Student Association

2015 – 2015 Committee Member, *Award-Selection Committee*, Psychonomic Society

OTHER MEMBERSHIPS

Université d'Ottawa | University of Ottawa

- 2019 – 2021 Member, Mathematical Cognition and Learning Society
 2019 – 2020 Member, Cognitive Science Society
 2019 – 2020 Member, American Educational Research Association
 2014 – 2021 Fellow, Psychonomic Society
 2009 – 2020 Member, Society for Research in Child Development
 2009 – 2020 Member, Association for Psychological Science
 2008 – 2021 Member, Canadian Society for Brain, Behaviour, and Cognitive Science

SELECT INTERVIEWS AND MEDIA RELATIONS:

BROADCAST INTERVIEWS

28. (2018, January 26). *Math Anxiety and the Brain*. Infosplainer. CBC. [LINK](#)
27. Interviewer: Bob MacDonald. (2015, September 12). *Children Catch Math Anxiety From Parents*. Quirks and Quarks. CBC. [LINK](#)
26. (2015, September 7). *Back to school 2015: Parents' math anxiety can pass to kids, psychologists say*. CBC News Health. CBC. [LINK](#)
25. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Kelowna - Daybreak South. CBC.
24. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Prince George / Prince Rupert Morning Show. CBC.
23. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Daybreak Kamloops. CBC.
22. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Ottawa Morning. CBC.
21. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. BBC World Service. BBC.
20. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Information Morning - Cape Breton. CBC.
19. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Victoria - On The Island. CBC.
18. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Central Morning. CBC.
17. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. The St. John's Morning Show. CBC.
16. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Sudbury Morning North. CBC.
15. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. A New Day - Whitehorse. CBC.
14. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Iqaluit Morning. CBC.
13. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Kitchener-Waterloo Morning. CBC.

12. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. BBC Newsday. BBC.
11. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. The Morning Edition - Regina. CBC.
10. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Vancouver - The Early Edition. CBC.
9. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Saskatoon Morning. CBC.
8. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Winnipeg - Information Radio. CBC.
7. (2015, August 15 - 2015, August 15). *Parent's Math Anxiety and Children's Math Achievement*. Windsor Morning. CBC.
6. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. The Eyeopener Calgary. CBC.
5. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Thunder Bay - Superior Morning. CBC.
4. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Moncton - Information Morning. CBC.
3. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. The Today Show. NBC.
2. (2015, August 15 - 2015, August 15). *Parents' Math Anxiety and Children's Math Achievement*. Edmonton AM. CBC.
1. (2010, April 1 - 2010, April 1). *Math Anxiety*. CFX 1070 Radio. CFX 1070.

TEXT INTERVIEWS

15. Interviewer: Lauren Barack. (2018, March 7). *When teachers have a fear of math, their pupils can absorb the wrong lesson*. Education Dive. Retrieved from <https://goo.gl/NwKNBa>
14. (2015, August 28). *Parental Math Anxiety Can Sabotage Kids' Own Learning*. PsychCentral.
13. (2015, August 26). *Parents' Math Anxiety and Children's Math Achievement*. News Channel 4.
12. (2015, August 26). *Helpful parents can cause children's math anxiety*. Marketplace.
11. (2015, August 24). *Your anxiety about math could be bringing down your kids' performance*. Global News.
10. (2015, August 24). *Square Root of Kid's Math Anxiety: Their Parents' Help*. New York Times.
9. (2015, August 21). *Study: Math Anxiety In Parents May Mean Poorer Math Grades For Kids*. Parent Herald.
8. (2015, August 20). *Homework Battles: When Parent Help Negatively Affects Students*. KQED News; Mind Shift.
7. (2015, August 20). *Parents' Math Anxiety and Children's Math Achievement*. Pacific Standard.
6. (2015, August 20). *Math-Anxious Parents Can Hinder Children's Math Achievement*. KeloLand Media Group.
5. (2015, August 15). *The Family Roots of Math Anxiety*. Education Week.
4. (2015, August 12). *Blame Your Parents For Your Crappy Math Skills*. Pacific Standard.
3. (2015, August 11). *How Parents' Math Anxiety Can Affect Kids' Achievement*. Yahoo News.

2. (2015, August 10). *Parents' math anxiety can undermine children's math achievement.* UChicagoNews.
1. (2012, December 12). *Math anxiety causes trouble for students as early as first grade.* Science Daily.