

ANDIE STOROZUK

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EDUCATION

Doctorate in Philosophy Psychology (Experimental), University of Ottawa, ON **2018 – 2024**
Honours Bachelor of Arts in Psychology, Minor in German, University of Ottawa, ON **2014 – 2018**

RESEARCH EXPERIENCE

Freelance Researcher **2021**

- Independently performed a user needs assessment to inform future development of a product;
- Collected high-quality data and produced a clear and visually accessible report;
- Provided actionable recommendations.

Research Assistant **2021 – Present**

Concordia University, Montréal, QC

- Programmed complex online behavioural experiments using Gorilla software;
- Trained team members on how to effectively program online experiments on the Gorilla platform.

Research Assistant **2018 – Present**

Cognition and Emotion Lab, University of Ottawa, ON

- Analyzes, cleans, and screens statistical data using expertise in Excel and SPSS software;
- Conducts comprehensive literature searches using social science data bases and manages the literature reviews conducted by volunteers.

Research Volunteer **2017 – 2018**

Child and Adult Relationships and Environments Lab, University of Ottawa, Ottawa, ON

- Transcribed videos of parent-child interactions and demonstrated impeccable attention to detail;
- Entrusted to uphold transcription quality by reviewing the transcriptions of other volunteers.

Research Volunteer **2015 – 2016**

ADHD and Development Lab, University of Ottawa, Ottawa, ON

- Integrated and summarized a wide body of literature into a comprehensive report.

MANUSCRIPTS

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

DiStefano, M., O'Brien, B., **Storozuk, A.**, Ramirez, G., Maloney, E.A. (2020). Exploring math anxious parents' emotional experience surrounding math homework-help. *The International Journal of Educational Research*. Volume 99, 2020. <https://doi.org/10.1016/j.ijer.2019.101526>

UNDER REVIEW

Storozuk, A., Maloney, E. A. (submitted). Consumers with math anxiety make worse financial decisions when comparing products. *Annals of the New York Academy of Sciences*. (29 pages)

Retanal, F., Johnston, N.B., Di Lonardo Burr, S.M., **Storozuk, A.**, DiStefano, M., Maloney, E.A. (submitted). Controlling Homework Help Partially Explains the Relation Between Parents' Math Anxiety and Children's Math Achievement. *Education Sciences*. (35 pages)

CONFERENCE PRESENTATIONS

- 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.
- 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 accepted to the 82nd Canadian Psychological Association Annual National Convention, Online.
- Johnston, N.B., Retanal, F., DiLonardo Burr, S., **Storozuk, A.**, DiStefano, M., Maloney, E.A. (2021, June). *Parents' Math Ability and Math Anxiety Relate to their Children's Math Grades, in Part, Because of Their Math Homework-Helping Style*. Poster presented virtually at the Canadian Society for Brain, Behaviour and Cognitive Sciences Annual Meeting.
- 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.
- Storozuk, A.**, & Maloney, E.A. (2020, November). *Bigger is Better vs. Less is More: Lower price heuristics bias shopping decisions, regardless of math anxiety*. Poster presented virtually at the 61st Psychonomic Society Annual Convention, Austin, Texas, USA.
- Storozuk, A.**, Maloney, E.A. (2020, May). *The Costco Effect: Exploring the impact of math anxiety on consumer purchasing behaviour*. Poster presented virtually at the Interdisciplinary Conference in Psychology, Ottawa, Canada.
- Colorado, S., **Storozuk, A.**, Maloney, E.A. (2020, May). *The effects of external motivation on the purchasing behaviours of consumers with math anxiety*. Poster presented virtually at the Interdisciplinary Conference in Psychology, Ottawa, Canada.
- Storozuk, A.**, Marrone, R. L., Tubb, A., Cropley, D., Maloney, E.A. (2020, May). *Is Stereotype Threat threatening females' abilities to be Mathematically creative?* Poster presented virtually at the 81st Canadian Psychological Association Annual National Convention, Montréal, Quebec, Canada.
- Storozuk, A.**, Di Lonardo, S., Douglas, H., Merkle, 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 presented at the Canadian Society for Brain, Behaviour, and Cognitive Science, Waterloo, Canada.
- Storozuk, A.**, Di Lonardo, S., Douglas, H., Merkle, 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 presented at the Mathematical Cognition and Learning Society, Ottawa, Canada.
- Storozuk, A.**, DiStefano, M., & Maloney, E. A. (2019, May). *What do parents think? Investigating parental attitudes about math and reading homework-helping*. Poster presented at the Association for Psychological Science, Washington, D.C., USA.
- Storozuk, A.**, Di Lonardo, S., Douglas, H., Merkle, 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 presented at the Interdisciplinary Conference in Psychology, Ottawa, Canada.
- DiStefano, M., **Storozuk, A.**, & Maloney, E. A. (2019, May). *"Math homework sucks!" Exploring how math anxious parents perceive the homework-helping interaction*. Poster presented at the Association for Psychological Science, Washington, D.C., USA.
- Storozuk, A.**, DiStefano, M., & Maloney, E. A. (2019, January). *Exploring the positive and negative*

parental perceptions surrounding math and reading homework-helping. Poster presented at the MathEd Forum, Toronto, Canada.

DiStefano, M., **Storozuk, A.**, & Maloney, E. A. (2019, January). *Exploring the relation between parental math anxiety and their emotional experience surrounding math homework.* Poster presented at the MathEd Forum, Toronto, Canada.

Storozuk, A., Santor, D. (2018, May). *Understanding the factors that predict academic disengagement.* Poster presented at the Interdisciplinary Conference in Psychology, Ottawa, Canada.

Storozuk, A., Santor, D. (2018, June). *Understanding the factors that predict academic disengagement.* Poster presented at the Ontario Psychology Undergraduate Thesis Conference, Ryerson University, Toronto, Canada.

Storozuk, A. (2017, March). *The limitations of translation.* Paper presented at the Undergraduate Student Symposium, Department of Modern Languages and Literature, University of Ottawa, Ottawa, Canada.

Storozuk, A., Oram, R., & Rogers, M. (2015, March). *Academic achievement of children with ADHD and the effects of controlling versus supportive parenting.* Poster presented at the Undergraduate Research Opportunity Program Symposium, University of Ottawa, Ottawa, Canada.

ADDITIONAL TALKS

Speaker

Cognitive Brown Bag Seminar, University of Ottawa, ON

- *Creating Accessible Infographics Using Canva.com* **2021**
- *How does math anxiety relate to financial illiteracy?* **2020**
- *Bigger is Better vs. Less is More: Lower price heuristics bias shopping decisions, regardless of math anxiety* **2019**

AWARDS

Canada Graduate Scholarship – Doctoral Program, Social Sciences and Humanities Research Council of Canada, \$35,000/year	2021 – 2024
Ontario Graduate Scholarship (Offered), Ontario, \$15,000	2021 – 2022
Excellence Scholarship, University of Ottawa, \$6365/year	2019 – 2022
Ontario Graduate Scholarship, Ontario, \$15,000	2020 – 2021
Canada Graduate Scholarships – Master’s Program, Social Sciences and Humanities Research Council of Canada, \$17,500	2019 – 2020
Ontario Graduate Scholarship (Offered), Ontario, \$15,000	2019 – 2020
Master’s Admission Scholarship, University of Ottawa, ON, \$7,000	2018 – 2019
Psychology Plaque, University of Ottawa	2018
Admission Scholarship, University of Ottawa, \$3,000/year	2014 – 2018
Dean’s Honour List, University of Ottawa	2014 – 2018
Dean’s Excellence Award, University of Ottawa, \$2,500	2014 – 2016
Undergraduate Research Opportunity Program, University of Ottawa, \$1,000	2015 – 2016
Education Bursary, University of Ottawa, \$1,000	2014 – 2015
Bodensee Summer School Scholarship, University of Konstanz, \$1,000	2015

TEACHING EXPERIENCE

Teaching Assistant **2020 – 2022**

Quantitative Methods in Psychology (PSY2106), University of Ottawa, ON

- Independently prepares and leads weekly tutorials on introductory quantitative statistics;
- Provides individual and group instruction resulting in increased student confidence and course outcomes;
- Held this position upon request of the professor, Dr. Brenda Baird, for six consecutive courses.

Teaching Assistant **2021**

Introduction to Psychology: Foundations (PSY1101), University of Ottawa, ON

- Created visually accessible, clear, and engaging PowerPoint presentations for two professors.

Guest Lecturer **2020**

Social Motivation (PSY3109), University of Ottawa, ON

- Delivered a guest lecture to an undergraduate class of over 100 students;
- Curated recent literature on financial biases in decision-making and conveyed material to students through an engaging and accessible presentation.

Teaching Assistant **2020**

Social Motivation (PSY3109), University of Ottawa, ON

- Transitioned course material to an online teaching platform during the COVID-19 pandemic;
- Created engaging and visually accessible PowerPoint presentations, developed multiple choice exam questions, and embedded lectures and videos into the online platform.

Teaching Assistant **2018**

Social Motivation (PSY3109), University of Ottawa, ON

- Developed exam questions, graded exams and assignments, and conveyed course material to students that requested additional support.

KNOWLEDGE MOBILIZATION

Infographic Designer **2021 – Present**

Cognition and Emotion Lab, University of Ottawa, ON

- Creates visually accessible and engaging infographics of scientific publications;
- Conveys complex scientific information in clear and accessible language.

VOLUNTEER AND EXTRA CURRICULARS

Organizer of Department Colloquium **2019 – Present**

Cognitive Brown Bag Seminar Series, University of Ottawa, ON

- Founded a weekly colloquium for students and faculty in the Cognition Department at the University of Ottawa to discuss and share their research in the field of cognition;
- Moderates meetings, coordinates speakers, maintains the website, and promotes a welcoming environment for discussion.

Volunteer **2018 – 2019**

Mathematical Cognition and Learning Society, Ottawa, ON

- Contributed as an integral team member in the planning and execution of the 2019 meeting;
- Ensured presentations remained on schedule and aided presenters with any technical difficulties.

Panelist Member **March 2018**

Child's Rights Implications of the Legalization of Cannabis, University of Ottawa, ON

- Led and participated in a collaborative discussion amongst experts regarding education, prevention, and harm-reduction in upholding the rights of children ensuing the legalization of cannabis in Ontario.

Peer Reviewer, Associate Member, and Volunteer **2017– 2020**

Interdisciplinary Conference in Psychology, University of Ottawa, ON

- Scored abstract submissions accurately and consistently and mentored undergraduate students with the peer review process;
- Planned and executed social events open to all students,
- Aided directors with the successful execution of the conference.

Volunteer German Teacher **2017 – 2018**

The Good Companions Senior Centre, Ottawa, ON

- Connected with senior members of the community by teaching beginner-level German to a class of ten students, prepared and delivered course material in an engaging and effective manner.

Vice President of University Affairs **2016 – 2017**

Psychology Students' Association, University of Ottawa, ON

- Spearheaded the Psychology Undergraduate Scholarship Program and developed a reliable and valid grading scale;
- Coordinated and executed academic and social events for Psychology Week and organized networking opportunities for students and faculty.

Volunteer **June 2016 – September 2016**

Centretown Community Health Centre, Ottawa, ON

- Organized weekly arts and crafts programs for children in the community;
- Assisted families that required additional support on day trips to multiple museums.

SERVICE

Psychology Student Mentor **2019 – 2022**

University of Ottawa, ON

2018 – 2021**Undergraduate Scholarship Committee Member**

Psychology Students' Association, University of Ottawa, ON

International Buddy **2016 – 2017**

uOttawa Buddy Program, International Office, University of Ottawa, ON

MENTORING

Honours Thesis Students

- Samantha Colorado 2020 – 2021
- Hailey Williams 2018 – 2019
- Alex-Anne Lamoureux 2018 – 2019

Undergraduate Research Opportunity Program Junior Researchers

- Kalki Nagaratnam 2020 – 2021
- Samantha Colorado 2019 – 2020
- Yassine Hmidani 2019 – 2020

Directed Research Students

- Samantha Colorado 2019 – 2020

PROFESSIONAL ASSOCIATION MEMBERSHIPS

Women in Cognitive Science	2020 – 2022
Canadian Psychological Association	2020 – 2021
Psychonomic Society	2019 – 2021
Society of Judgment and Decision Making	2019 – 2021
Canadian Society for Brain, Behaviour, and Cognitive Science	2019 – 2020
Association for Psychological Science	2019 – 2021
Mathematical Cognition and Learning Society	2019 – 2020

SKILLS AND CERTIFICATES

Personal Finance Essentials, Desautels Faculty of Management, McGill University.

Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on Research Ethics.

Introduction to Python, Microsoft.

Goethe-Institute German Certificate, level B1.

Languages (Speaks, reads, and understands both French and German at an intermediate level).