

Fraulein Retanal

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Education

2020 – 2026 University of Ottawa, MA - PhD with Specialization in Experimental Psychology
2016 – 2020 University of Ottawa, Honours BSc. in Biomedical Science

Awards

2021 J. Frank Yates Student Conference Award, Psychonomic Society (\$1,000*)
2021 – 2022 Doctoral Admission Scholarship, University of Ottawa (\$6,000)
2020 – 2021 Excellence Scholarship University of Ottawa (\$7,500)
2020 Social Sciences and Humanities Research Council (SSHRC), CGS-M (\$17,500)
2020 Master's Admission Scholarship, University of Ottawa, (\$6,000)
2016 – 2020 Dean's List, University of Ottawa
2016 – 2018 Merit Scholarship, University of Ottawa (\$2,000)
2016 Undergraduate Admission Scholarship, University of Ottawa (\$4,000)
2016 Legacy Scholarship, Balfour Collegiate (\$200)
2016 General Proficiency Awards, Government of Saskatchewan (\$400)
* USD

Publications

2021 **Retanal, F.**, Johnston, N.B., Di Lonardo Burr, S.M., Storozuk, A., DiStefano, M., Maloney, E.A. (in press). Controlling homework help partially explains the relation between parents' math anxiety and children's math achievement. *Education Sciences*.

Delage, V., Trudel, G., **Retanal, F.**, Maloney, E. A. (2021). Spatial anxiety and spatial ability: Mediators of gender differences in math anxiety. *Journal of Experimental Psychology: General*. <https://doi.org/10.1037/xge0000884>

2020 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. <https://doi.org/10.1016/j.actpsy.2019.102939>

Conference Presentations

2021 **Retanal, F.**, Maloney, E. A. (2021, November). *Verbal and spatial working memory loads decreases the symbolic numerical distance effect on simultaneous comparison task*. Poster accepted to the Psychonomic Society conference, Online.

Retanal, F., Di Lonardo Burr, S., Xu, C., Bureau, J.-F., DiStefano, M., Douglas, H., Hunt, T. E., Lafay, A., LeFevre, J.-A., Osana, H. P., Simms, V., Song, S. C., Skwarchuk, S.-L., Trepik, P., Wylie, J., Maloney, E. A. (2021, May). *Children's math anxiety predicts the overall*

negativity of the math homework interaction, but parents' math anxiety does not. Poster presentation at the Association for Psychological Science (APS) conference, Online.

Johnston, N.B., Di Lonardo Burr, S., **Retanal, F.**, Storozuk, A., DiStefano, M., Maloney, E.A. (2021, June). *Parents' math ability and math anxiety relate to their children's math achievement, in part, because of their math homework-helping style.* Poster presentation at the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS) Annual Meeting, 2021, Online.

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, Online.

Trudel, G., Delage, V., **Retanal, F.**, & Maloney., E. A. (2021, May-September). *Math Anxiety is a Mediator of the Relation Between Gender and Math Achievement.* Poster presentation at the Association for Psychological Science (APS) conference, Online.

Delage, V., Trudel, G., **Retanal, F.**, & Maloney, E. A. (2021, May). *Manipulation Ability, Manipulation Anxiety, Navigation Anxiety and Math Ability Mediate the Relation between Gender and Math Anxiety.* Poster presentation at the Association for Psychological Science (APS) conference, Online.

2020

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, Online.

Trudel, G., Delage, V., **Retanal, F.**, & Maloney., E. (2020, June). *Math anxiety mediates the relation between gender and math achievement.* Poster presentation at the Mathematical Cognition and Learning Society (MCLS) conference, Online.

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.* Poster presentation at the Interdisciplinary Conference in Psychology, Ottawa, Online.

2019

Retanal, F., & Maloney, E. A. (2019, May). *Are Higher Math Anxious Students Less Reflective in Their Thinking?* Poster presentation at the Association for Psychological Science (APS), Washington, D.C., USA.

Retanal, F., & Maloney, E. A. (2019, June). *The role of the need for cognition in math anxious students' mathematic achievement.* Poster presentation at the Mathematical Cognition and Learning Society (MCLS), Ottawa, Canada.

Retanal, F., & Maloney, E. A. (2019, June). *Need for Cognition and Cognitive Reflection.* Oral presentation at the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS), Waterloo, Canada.

Employment History

Academic Work Experience

- 2018 – Present **Research Assistant**
Cognition and Emotion Laboratory, University of Ottawa
- 2019 **Research Assistant**
Chemical Education Research, University of Ottawa
- 2018 **Research Assistant**
Rundle Lab, University of Ottawa

Non-Academic Work Experience

- 2018 – 2020 **Laboratory Manager**
Cognition and Emotion Laboratory (CELab), University of Ottawa

Supervision

- 2021 Honours Thesis
- Abigail Lea
 - Anthony Whelan-Cox
- 2020 Honours Thesis
- Jashana Baskaran
 - Shradha Dixit
 - Aliza Sandino-Gold

Knowledge Mobilization

- 2020 – Present **Social Media Coordinator and Content Creator**
Cognition and Emotion Laboratory (CELab), University of Ottawa
Designed and created the laboratory website in line with visible accessibility guidelines. Designed, prepared and created original content (e.g., official logo, social media posts, recruitment materials, infographics) using Adobe Photoshop and Illustrator.
- 2020 – Present **Social Media Coordinator and Content Creator**
Psychology Students for Systemic Transformation (PSST uOttawa)
Created and curated the official Instagram account. Prepared and created original content (e.g., social media image and captions) using Adobe Photoshop.

Extracurricular Activities

2020 – Present	Campus Representative <i>Association for Psychological Science</i> Inform uOttawa students about the opportunities available in psychological science (e.g., spring rally week, special events, and activities)
2017 – Present	Volunteer <i>LiveWorkPlay (LWP)</i> Attended weekly Friday Night events to welcome and include people with intellectual disabilities and autistic persons in the community
2017 – 2019	VP of Communications <i>uOttawa Chemistry Club, University of Ottawa</i> Designed, prepared and created original content (e.g., official logo, social media posts, event posters, and recruitment materials) using Adobe Photoshop and Illustrator.
2018	VP of Communications <i>uOttawa Filipino Club, University of Ottawa</i> Prepared and created original content (e.g., event posters, newsletter infographics) using Adobe Photoshop and inDesign.

Professional Association Memberships

2021 – Present	Psychonomic Society
2019 – Present	Mathematical Cognition and Learning Society
2019 – Present	Canadian Society for Brain, Behaviour and Cognitive Science
2019 – Present	Association for Psychological Science