

## Mia Radovanovic

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### EDUCATION

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**Ph.D. Psychology** April 2024

The University of Toronto  
Department of Psychology  
Supervised by Dr. Jessica Sommerville

**M.A. Psychology** November 2020

The University of Toronto  
Department of Psychology  
Supervised by Dr. Jessica Sommerville

**B.A. Psychology** June 2019

The University of Chicago  
Minor: Statistics  
Supervised by Dr. Amanda Woodward

### GRANTS & FELLOWSHIPS

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#### FUNDED

2023 *Principal Investigator*, Quantifying and understanding gender disadvantages in reactions to incorrect teaching •  
Graduate Women in Science National Fellowship (\$6,250)

2023 *Co-Investigator*, Quantifying and understanding gender disadvantages in reactions to incorrect teaching •  
Rotman Gender and the Economy Research Grant (\$3,820)

2018 *Fellow*, Unstructured learning and executive function •  
Earl R. Franklin Research Fellowship (\$3,000)

#### NOT FUNDED

2021 *Finalist*, Quantifying and understanding gender disadvantages in reactions to incorrect teaching • Humane Studies Fellowship

### PUBLICATIONS

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Radovanovic, M.\*, Soldovieri, A.†, & Sommerville, J.A. (2023). It takes two: Process praise linking trying and success is associated with greater infant persistence. *Developmental Psychology*. [\[Link\]](#)

Radovanovic, M., Chao, T.W.T. †, Onyshko, E.†, Huynh, Q.D.T.†, Liu, Y.L.†, & Sommerville, J.A. (2023). Not just if, but how much: Children and adults use cost and need to make evaluations about generosity across contexts. *Cognition*, 238, 105533. [\[Link\]](#)

\*Denotes equal contribution

†Denotes supervised student

**Radovanovic, M., Yucer, E.†, & Sommerville, J.A. (2022).** There must be another way! Girls are disadvantaged when divesting from inaccurate teaching is required. *Proceedings of the 44<sup>th</sup> Annual Meeting of the Cognitive Science Society*, 882-889. [\[Link\]](#)

Solby, H.†\*, **Radovanovic, M.\***, & Sommerville, J.A. (2021). A new look at infant problem-solving: Using DeepLabCut to investigate exploratory problem-solving approaches. *Frontiers in Psychology*, 12, 705108. [\[Link\]](#)

Brezack, N., **Radovanovic, M.**, & Woodward, A. (2021). Everyday interactions support toddlers' learning of conventional actions on artifacts. *Journal of Experimental Child Psychology*, 210, 105201. [\[Link\]](#)

**Radovanovic, M.**, Solby, H.†, Soldovieri, A.†, & Sommerville, J.A. (2021). Try smarter, not harder: Exploration and strategy diversity predict infant persistence. *Proceedings of the 43<sup>rd</sup> Annual Meeting of the Cognitive Science Society*, 1656-1662. [\[Link\]](#)

#### FORTHCOMING PUBLICATIONS

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**Radovanovic, M., Yucer, E.†, & Sommerville, J.A. (under revision).** Girls use exploration to assess ineffective teaching but compensate less than boys.

**Radovanovic, M., Brezack, N., Shneidman, L., & Woodward, A. (in prep).** Unlocking learning: Exploration before instruction supports children's problem-solving.

**Radovanovic, M., Dakli, A.†, & Starmans, C. (in prep).** Money talks, but not nicely: Adults and children's associations between wealth and conformity.

**Radovanovic, M.\***, Yucer, E.†\*, & Sommerville, J.A. (in prep). Children consider the costs associated with actions and the need of recipients when engaging in generous behavior.

**Radovanovic, M., Solby, H.†, Rose, K., Hwang, J.†, Yucer, E.†, & Sommerville, J.A. (in prep).** Cost-benefit analyses underlie toddlers' helping actions across multiple manipulations of cost.

#### CONFERENCE TALKS

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**Radovanovic, M., Chao, T.W.T.†, Tirunelveli Santhakumar, M.†, Curtosi, N.†, & Sommerville, J.A. (2023).** *Gendered expectations for children's emotional, cognitive, and physical helping.* Talk presented at the Society for Research in Child Development, Salt Lake City, UT.

**Radovanovic, M., Dakli, A.†, & Starmans, C. (2023).** *Money talks, but not nicely: Adults and children's associations between wealth and conformity.* Talk presented at the Society for Research in Child Development, Salt Lake City, UT.

**Radovanovic, M., Yucer, E.†, & Sommerville, J.A. (2022).** *There must be another way! Girls are disadvantaged when divesting from inaccurate teaching is required.* Talk presented at the 44<sup>th</sup> Annual Meeting of the Cognitive Science Society, Toronto, ON. [\[Link\]](#)

**Radovanovic, M., Soldovieri, A. †, Solby, H. †, Wang, Y.L. †, Vorvis, J. †, Shirvani, J. †, & Sommerville, J.A. (2022).** *Autonomy in problem-solving: Prioritizing exploration relates to increased persistence.* Talk presented at the International Congress on Infant Studies, Ottawa, ON.

**Radovanovic, M., Yucer, E.†, & Sommerville, J.A. (2022).** *Girls are disadvantaged relative to boys when divestment from inaccurate teaching is required.* Lightning talk presented at Development 2022, Calgary, AB.

**Radovanovic, M., Onyshko, E.†, Huynh, Q.T.†, Liu, Y.†, & Chao, T.W.T. †, & Sommerville, J.A. (2022).** *Children and adults utilize cost and need in generosity evaluations.* Talk presented at the Cognitive Development Society, Madison, WI.

**Radovanovic, M., Yucer, E.†, Arefhaghi, D.†, Lai, C.†, & Sommerville, J.A. (2021).** *Is that right? Active experience is applied to determine teaching quality.* Talk presented at the Society for Research in Child Development, Online. (Symposium Chair) [\[Link\]](#)

**Radovanovic, M., Soldovieri, A.†, Solby, H.†, Horton, R., Lucca, K., & Sommerville, J.A. (2021).** *Reconceptualizing persistence: Exploratory behavior as rational adaptation.* Talk presented at the Society for Research in Child Development, Online. [\[Link\]](#)

#### DEPARTMENTAL TALKS

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**Radovanovic, M., Solby, H.†, & Sommerville, J.A. (2023).** *A new look at infant problem-solving: Using DeepLabCut to investigate exploratory problem-solving approaches.* Talk presented at the University of Toronto Psychology Graduate Student Association Symposium.

**Radovanovic, M., Dakli, A.†, & Starmans, C. (2023).** *Money talks, but not nicely: Adults and children's associations between wealth and conformity.* Talk presented at the Developmental Interest Group at the University of Toronto.

**Radovanovic, M., Onyshko, E.†, Huynh, Q.T.†, Liu, Y.†, & Chao, T.W.T. †, & Sommerville, J.A. (2022).** *Children and adults utilize cost and need in generosity evaluations.* Talk presented at the University of Toronto Ebbinghaus Empire Data Blitz.

**Radovanovic, M., Yucer, E.†, & Sommerville, J.A. (2022).** *Are you sure? Girls are disadvantaged when given incorrect teaching.* Talk presented at the University of Toronto Psychology Graduate Student Association Symposium.

**Radovanovic, M., Soldovieri, A.†, Solby, H.† & Sommerville, J.A. (2021).** *Try smarter, not harder: The role of exploration in infant persistence.* Talk presented at the Psychology Undergraduate Research Club at the University of Toronto.

**Radovanovic, M., Yucer, E.†, & Sommerville, J.A. (2021).** *Is that right? Active experience is applied to determine teaching quality.* Talk presented at Recruitment Weekend at the University of Toronto.

**Radovanovic, M., Brezack, N., Shneidman, L., & Woodward, A. (2019).** *Exploration promotes rule-learning: examining exploratory strategies and self-direction in young children.* Talk presented at the Developmental Interest Group at the University of Toronto.

## CONFERENCE PRESENTATIONS

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Chao, T.W.T.†, **Radovanovic, M.**, Soldovieri, A.†, Bhatt, S.†, Ciraci, I.†, & Sommerville, J.A. (2023). *Too much of a good thing: Temporal alignment is critical to the efficacy of caregiver process praise*. Talk presented at the Society for Research in Child Development, Salt Lake City, UT.

Wang, Y.L.E.†, **Radovanovic, M.**, & Sommerville, J.A. (2023). *Practice what you preach: Children persist less when values and reward structures are inconsistent*. Flash talk presented at the Society for Research in Child Development, Salt Lake City, UT.

**Radovanovic, M.**, Onyshko, E.†, Huynh, Q.T.†, Liu, Y.†, & Chao, T.W.T. †, & Sommerville, J.A. (2022). *Not just if, but how much: Children and adults use cost and need to make evaluations about generosity across contexts*. Poster presented at the 44<sup>th</sup> Annual Meeting of the Cognitive Science Society, Toronto, ON.

Sharma, N.†, **Radovanovic, M.**, & Sommerville, J.A. (2022). *Emotionally conveyed information and infants' interactions with novel toys over videoconferencing*. Poster presented at the International Congress on Infant Studies, Ottawa, ON.

Brezack, N., **Radovanovic, M.**, Shneidman, L., & Woodward, A. (2022). *Adapting a problem-solving experiment from in-person to online testing during covid-19*. Talk presented at the 2022 American Educational Research Association Annual Meeting, San Diego, CA.

Soldovieri, A.†, **Radovanovic, M.**, Bhatt, S. †, Liu, M. †, Su, Z. †, & Sommerville, J.A. (2022). *It takes two: Process praise during trying and success is associated with greater infant persistence*. Poster presented at the Cognitive Development Society, Madison, WI.

Yucer, E. †, **Radovanovic, M.**, & Sommerville, J.A. (2022). *How self-directed executive functioning influences children's exploration & task performance*. Poster presented at the Cognitive Development Society, Madison, WI.

**Radovanovic, M.**, Solby, H.†, Soldovieri, A.†, & Sommerville, J.A. (2021). *Try smarter, not harder: Exploration and strategy diversity predict infant persistence*. Poster presented at the 43<sup>rd</sup> Annual Meeting of the Cognitive Science Society, Online. [\[Link\]](#)

**Radovanovic, M.**, Yucer, E.†, Arefhaghi, D.†, Lai, C.†, & Sommerville, J.A. (2021). *Adults explore more broadly than children when pedagogy is emphasized*. Poster presented at the Society for Research in Child Development, Online.

Solby, H.†, **Radovanovic, M.**, Horton, R., Lucca, K., & Sommerville, J.A. (2021). *Motion data transformed: Markerless motion capture brings new insights into old data*. Flash talk presented at the Society for Research in Child Development, Online.

Soldovieri, A.†, **Radovanovic, M.**, Buchanan, J.†, Horton, R., Lucca, K., & Sommerville, J.A. (2021). *The influence of timing in praise and persistence during challenging tasks*. Poster presented at the Society for Research in Child Development, Online.

Huynh, Q.T.<sup>†\*</sup>, Onyshko, E.<sup>†\*</sup>, **Radovanovic, M.**, & Sommerville, J.A. (2021). *Children and adults use cost and need to make evaluations about generosity*. Poster presented at the Society for Research in Child Development, Online.

**Radovanovic, M.**, Yucer, E.<sup>†</sup>, Arefhaghi, D.<sup>†</sup>, Lai, C.<sup>†</sup>, & Sommerville, J.A. (2021). *Adults explore more broadly than children when pedagogy is emphasized*. Virtual presentation at the Budapest CEU Conference in Cognitive Development. [\[Link\]](#)

Solby, H.<sup>†</sup>, **Radovanovic, M.**, Horton, R., Lucca, K., & Sommerville, J.A. (2021). *How automated markerless motion capture is making a mark on developmental psychology*. Virtual presentation at the Budapest CEU Conference in Cognitive Development.

Soldovieri, A.<sup>†</sup>, **Radovanovic, M.**, Horton, R., Lucca, K., & Sommerville, J.A. (2021). *The influence of timing in praise and persistence during challenging tasks*. Virtual presentation at the Budapest CEU Conference in Cognitive Development.

Yucer, E.<sup>†</sup>, **Radovanovic, M.**, & Sommerville, J.A. (2021). *Self-structured activities' impact on children's task performance and learning*. Virtual presentation at the Budapest CEU Conference in Cognitive Development.

Onyshko, E.<sup>†\*</sup>, Huynh, Q.T.<sup>†\*</sup>, **Radovanovic, M.**, & Sommerville, J.A. (2021). *Children and adults use cost and need to make evaluations about generosity*. Virtual presentation at the Budapest CEU Conference in Cognitive Development.

**Radovanovic, M.**, Brezack, N., Shneidman, L., & Woodward, A. (2020). *Better together: Exploration prior to instruction modifies attention to demonstration and facilitates rule-learning*. Poster presented at the 42<sup>nd</sup> Annual Meeting of the Cognitive Science Society, Online. [\[Link\]](#)

**Radovanovic, M.**, Solby, H.<sup>†</sup>, Soldovieri, A.<sup>†</sup>, Horton, R., Lucca, K., & Sommerville, J.A. (2020). *Factors influencing persistence through the integration of active and social learning*. Poster presented at the International Congress on Infant Studies, Online.

**Radovanovic, M.**, Rosencrance, A.<sup>†</sup>, Boggs, K.<sup>†</sup>, Wixted, R.<sup>†</sup>, Brezack, N., Shneidman, L., & Woodward, A. (2019). *Exploration promotes rule-learning: examining exploratory strategies and self-direction in young children*. Poster presented at the Cognitive Development Society, Louisville, KY.

**Radovanovic, M.**, Brezack, N., Shneidman, L., & Woodward, A. (2019). *Instructional styles promote rule-learning in school-aged children*. Poster presented at the Society for Research in Child Development, Baltimore, MD.

Brezack, N., **Radovanovic, M.**, Keigher, T., Basargekar, A., & Woodward, A. (2018). *Structure of natural parent teaching related to toddlers' learning*. Poster presented at the International Congress on Infant Studies, Philadelphia, PA.

Brezack, N., **Radovanovic, M.**, Xu, E., Keigher, T., & Woodward, A. (2017). *Features of natural parent teaching that benefit toddlers' learning*. Poster presented at the Cognitive Development Society, Portland, OR.

## UNDERGRADUATE COURSE SUPERVISION

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Charm Lee, <i>Research Opportunity Student</i>	2023 - Present
Miguel Dominico Alzona, <i>Research Opportunity Student</i>	2022 – Present
Jaemin Hwang, <i>Independent Study Student</i>	2022 – Present
Grace (Wujiamei) Sun, <i>Research Opportunity Student</i>	2022 – Present
Sofia Westerhoff, <i>Research Opportunity Student</i>	2022 – Present
Irem Ciraci, <i>Research Opportunity Student</i>	2022 – Present
Nila Curtosi, <i>Research Opportunity Student</i>	2022 – Present
Idiris Kabel, <i>RASI Student</i>	2022
Jaime Sit, <i>Research Opportunity Student</i>	2022 – Present
Anicole Tan, <i>Research Opportunity Student</i>	2022 – 2023
Tim (Wei-Ting) Chao, <i>Independent Study Student</i>	2021 – 2022
Arla Dakli, <i>Independent Study Student</i>	2021 – 2023
Jasmine Shirvani, <i>Independent Study Student</i>	2021 – 2023
Aafiya Somani, <i>Independent Study Student</i>	2021 – 2023
Tiffany Tse, <i>Research Opportunity Student</i>	2021 – 2022
Neeti Sharma, <i>Independent Study Student</i>	2020 – 2022
Yi Lin (Elaine) Wang, <i>Independent Study Student</i>	2020 – 2023
Quang Tri Huynh, <i>Mini-Thesis Student</i>	2020 – 2021
Christie Lai, <i>Research Opportunity Student</i>	2020 – 2021
Yang (Leona) Lui, <i>Undergraduate Project Lead</i>	2020 – 2021
Emily Onyshko, <i>Mini-Thesis Student</i>	2020 – 2021
Justine Vorvis, <i>Mini-Thesis Student</i>	2020 – 2021
Josanne Buchanan, <i>Research Opportunity Student</i>	2020 – 2021
Hannah Solby, <i>Independent Study Student</i>	2019 – 2021
Antonia Soldovieri, <i>Independent Study Student</i>	2019 – 2021
Ece Yucer, <i>Independent Study Student</i>	2019 – 2021

## PROFESSIONAL ACTIVITIES

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**Student Committee Member (2022)** of the International Congress on Infant Studies.

**Student Board Member (2022-2024)** of the Cognitive Development Society.

**Founder and Co-Organizer (2020-Present)** of the Psychology Undergraduate Research Club. PURC offers regular meetings for undergraduates to learn more about research, present their own research, and gain skills for research (e.g., statistical skills, RStudio tutorials) to create greater access to research for students facing barriers getting lab experience. PURC has also begun hosting intensive writing workshops in which graduate mentors help undergraduates draft application materials for graduate school and other research opportunities. First meeting held: October 2<sup>nd</sup>, 2020.

**Co-Organizer (2020-Present)** of the Psychology Equity, Diversity, and Inclusivity Undergraduate Research Assistant Sub-Committee. A series of initiatives to assess department climate and understand the demographics of students who have access to research positions. The group develops questionnaires to assess department demographics and hiring policies and uses this information to develop a toolkit of best practices to improve undergraduate experience applying for and working in lab positions. First meeting held: July 25<sup>th</sup>, 2020.

**POST HOC REVIEWER**

Cognition, Cognitive Science Society, Budapest CEU Conference in Cognitive Development

- 2022                      Instructor • PURC Graduate School Writing Workshops  
Designed and delivered a 5-week workshop guiding students through the process of writing and editing curricula vitae and personal statements to apply for research-based graduate programs.
- 2020 - 2021              Instructor • Professional Development in Psychology Workshop Series  
Co-designed a 10-week long summer workshop series detailing professional materials, applying to graduate school, developmental methods, and statistics for the Toronto Early Cognition Lab.

**TEACHING****COURSE INSTRUCTING**

- 2023, Fall                      Introduction to Developmental Psychology (PSY 210)  
2023, Summer                Cognitive Development (PSY 312)  
2023, Summer                Developmental Laboratory (PSY 319)  
2022, Fall                      Developmental Laboratory (PSY 319)  
2022, Summer                Developmental Laboratory (PSY 319)

**TEACHING ASSISTING**

- 2023, Winter                Developmental Laboratory (PSY 319), Inst: Dr. Christina Starmans  
2022, Fall                      Statistics I (PSY 201), Inst: Dr. Molly Metz  
2022, Winter                Intro to Developmental Psychology (PSY210), Inst: Dr. Mireille Babineau  
2021, Fall                      Developmental Laboratory (PSY 319), Inst: Dr. Christina Starmans  
2021, Fall                      Intro to Developmental Psychology (PSY210), Inst: Dr. Christina Starmans  
2021, Winter                Cognitive Development (PSY 312), Inst: Dr. Jessica Sommerville  
2020, Fall                      Developmental Laboratory (PSY 319), Inst: Dr. Christina Starmans  
2020, Fall                      Intro to Developmental Psychology (PSY210), Inst: Dr. Christina Starmans  
2020, Winter                Intro to Developmental Psychology (PSY210), Inst: Dr. Christina Starmans  
2019, Fall                      Intro to Developmental Psychology (PSY210), Inst: Dr. Christina Starmans

**GUEST LECTURES**

- 2023, Mar                      "Trade-Offs across Learning Contexts" • Cognitive Development (PSY 312)  
2023, Jan                      "Conducting Responsible Research" • Developmental Lab (PSY 319)  
2023, Jan                      "Conducting Developmental Research" • Developmental Lab (PSY 319)  
2021, Mar                      "Social Cognition" • Cognitive Development (PSY 312)  
2021, Sept                      "Conducting Developmental Research" • Developmental Lab (PSY 319)  
2020, Sept                      "Conducting Developmental Research" • Developmental Lab (PSY 319)

**PROFESSIONAL DEVELOPMENT ATTENDED**

- 2022, June                      In-Class Observation  
2021, June                      Microteaching I  
2021, Mar                      Critical Pedagogy Roundtable  
2021, Mar                      Avoiding Crickets: Discussion Strategies and Activities  
2021, Mar                      Identifying and Addressing Microaggressions in the University Classroom  
2021, Mar                      Statement of Teaching Philosophy Clinic

2020, Dec	Roundtable with Teaching-Stream Faculty
2020, Nov	Introduction to Experiential and Community Engaged Learning
2020, Nov	Identify, Assist, Refer Plus Training (IAR+)
2020, Nov	Mock Academic Interview
2020, Apr	Integrating Universal Design for Learning Principles in Online Teaching
2020, Apr	Facilitating Effective Webinars: Strategies for Bb Collaborate Ultra
2020, Feb	Preparing Your Teaching Dossier

## AWARDS & RECOGNITION

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### AWARDS

2022	St. George Campus Psychology Department TA Excellence Award
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### TRAVEL GRANTS

2023	School of Graduate Studies Conference Grant (\$280)
2020	School of Graduate Studies Conference Grant (\$280)
2019	University of Toronto PsyLinCS Travel Grant (\$300)
2019	Norman H. Anderson Travel Grant (\$800)
2018	Norman H. Anderson Travel Grant (\$800)
2018	International Congress on Infant Studies Undergraduate Travel Award (\$500)
2017	Norman H. Anderson Travel Grant (\$800)

### SCHOLARSHIPS

2015	Questbridge National Match Scholarship
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### SKILLS

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**Software:** Datavyu, DeepLabCut, jHab, Kirimoto, Mangold Interact, Onshape, RStudio, Unity

**Member:** American Psychological Association, Cognitive Development Society, Cognitive Science Society, Graduate Women in Science, International Congress on Infant Studies, Society in Research for Child Development

**Language:** Bosnian/Croatian/Serbian (Native), French (Reading)