

Jackie Heitzner

200 University Avenue West, Waterloo, ON, Canada, N2L 3G1 | jheitzner@uwaterloo.ca |

<https://jackieheitzner.github.io>

EDUCATION

Bachelor of Arts Honours, Psychology and Social Development Studies

2019 - Present

University of Waterloo, Waterloo, Canada

CGPA: 91.78% | Psychology GPA: 94.59%

Honours Thesis: *The Effects of Effort Mobilization on Mind Wandering and Attention During Online Lectures*

- Supervisor: Dr. D. Smilek, Collaborator: Dr. D. Albert

ARTICLES IN PREPARATION

- *Derek, A. *Heitzner, J., & Smilek, D. The Effects of Effort Mobilization on Mind Wandering and Attention During Online Lectures.
*Co-first authorship
- Pereira, E. J., Heitzner, J., Stuart, N., Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D. Attention and learning during online video lectures are influenced by the presence and relevance of chat comments.

CONFERENCE PRESENTATIONS

- Heitzner, J., Derek, A. & Smilek, D. (Jul 2024). *The Effects of Effort Mobilization on Attention and Learning During Online Lectures*. Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Edmonton, AB.
- Heitzner, J., Pereira, E. J., Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D. (Jul 2023). *Are attention and learning during online video lectures influenced by the presence and relevance of chat comments?* Poster, Canadian Society for Brain, Behaviour, and Cognitive Science, Guelph, ON.
- Heitzner, J., Pereira, E. J., Ayers-Glassey, S., Korst-Fagundes, B., & Smilek, D. (April 2023). *Chatterbox: Exploring the Effects of Chat Messages in Online Lecture Environments*. Poster, 2023 Psychology Discovery Conference, Waterloo, ON.

INVITED TALKS

- Heitzner, J., Derek, A. & Smilek, D. (Oct. 2024). The Effects of Effort Mobilization on Attention and Learning During Online Lectures. *EdCog Group*, Hamilton, Canada (Online).
- Heitzner, J., Derek, A. & Smilek, D. (Oct. 2024). The Effects of Effort Mobilization on Attention and Learning During Online Lectures. *Numerical Cognition Laboratory*, London, Canada.

RESEARCH FUNDING

- NSERC Undergraduate Student Research Award (USRA) - 2023 National \$6000
 - University of Waterloo, Supervisor: Dr. Daniel Smilek

ACADEMIC AWARDS & HONOURS

- Fairfax Financial Academic Honour Roll Athletic Award - 2024 Institutional \$1000
 - University of Waterloo; Given to the top 4 varsity athletes with the highest academic averages in the athletics department.

- University of Waterloo Athletic Financial Award – 2023, 2024, 2025 *Institutional* \$500
- University of Waterloo Merit Scholarship – 2020 *Institutional* \$1000
- Dean's Honours List, University of Waterloo – 2021 - Present

RESEARCH EXPERIENCE

- **Paid Research Assistant** Sept. 2024 – Present
 - Project Title: *TAing in the era of GenAI: Establishing guidelines to support use of Generative AI for feedback generation by teaching assistants*
 - Supervisors: Dr. K. McKay & Dr. A. Hurst, Engineering
 - Research Tasks: Participate in the reviewing and synthesis of current uses of Gen AI, development of GenAI prompts in generating feedback on assessments, and the development of guidelines for the use of GenAI by TA's.
- **Paid Research Assistant** Jan. 2024 – Present
 - Project Title: *Understanding and Implementing the Best Practices for Teaching and Supporting Teaching Assistants in the Classroom.*
 - Supervisors: A. Giannikouris & Dr. K. McKay, Engineering
 - Research Tasks: Participate in the survey design and creation, data analysis and dissemination
- **Paid Research Assistant** Jan. 2024 – Present
 - Project Title: *Beyond the (numerical) grade: Investigating the effectiveness of alternative grading schemes for engineering design project courses*
 - Supervisors: Dr. A. Hurst & Dr. K. McKay, Engineering
 - Research Task: Participate in the design and execution of a systematic literature review and the subsequent synthesis of the literature to catalogue factors influencing assessment of design projects and best practices.
- **Honours Seminar Directed Studies Project** Sep. 2023 – Dec. 2023
 - Project Title: *Does attention look different between clinical psychology and cognitive psychology?*
 - Supervisor: Dr. B. Anderson
 - Course Deliverables: Literature review, Website creation, Student Workshop.
- **NSERC Undergraduate Student Research Award** May 2023 – Aug. 2023
 - Supervisor: Dr. D. Smilek
 - Contributions: Literature review, Lab organization, Coding skill development
- **Natural Science Research Directed Studies Project** Jan. 2023 – Apr. 2023
 - Project Title: *Chatterbox: exploring the effects of chat messages in online lecture environments*
 - Supervisors: Dr. E. Pereira & Dr. D. Smilek
 - Course Deliverables: lit review, ethics creation, data collection, data analysis, study report, poster presentation.
- **Paid Research Assistant** Sep. 2022 – Jan. 2024
 - Supervisor: Dr. Fugelsang
 - Primary Duties: Study programing, website management, ethics applications, data entry, data coding.
- **Volunteer Research Assistant** Sep. 2022 – Dec. 2023
 - Supervisor: Dr. D. Smilek
 - Primary Duties: Acting as a confederate RA, Data collection.
- **Volunteer Research Assistant** Sep. 2021 – Aug. 2022
 - Supervisor: Dr. Fugelsang
 - Primary Duties: Study programming in Qualtrics, Data collection, Data coding.

CAMPUS INVOLVMENT & SERVICE

- **Arts Endowment Fund – Arts Undergraduate Rep.** May 2023 – Present
- **Arts Faculty Committee on Student Appeals (FCSA)** May 2023 – Present
- **Psychology Equity, Diversity, and Inclusion Committee (EDI)** Sep. 2022 – Present
- **Chair of Psychology Nomination Committee** Sep. 2022 – Apr. 2023

ATHLETICS

- **University of Waterloo Varsity Fencing Team** Jan. 2023 – Present

PROFESSIONAL AFFILIATIONS

- University of Waterloo Psychology Society | Arts Student Union | Canadian Society for Brain Behaviour and Cognitive Science | Women in Cognitive Science – Canada

SKILLS

- *Study Design & Experimental Technology:* PsychoPy | Qualtrics | LabChart/PowerLab (Skin conductance & Heart rate)
- *Data Analysis & Visualization:* SPSS | Excel | R