

LAUREN ALEXANDRA HOMANN

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EDUCATION

Doctor of Philosophy in Psychology
University of Toronto, Toronto, Canada

Expected: 2027

Supervisor: Dr. Morgan Barese

Honours Bachelor of Science in Psychology, Biology Minor
University of Waterloo, Waterloo, Canada

2022

Thesis: “The effects of self-selected background music and task difficulty on task engagement and performance in a visual vigilance task”

Thesis Advisor: Dr. Daniel Smilek

Graduated with Dean’s Honours

PUBLICATIONS

Homann, L. A.*, Roberts, B. R. T.*, Ahmed, S., Fernandes, M. A. (2022). Are emojis processed visuo-spatially or verbally? Evidence for dual codes. *Visual Cognition*, 30(4), 267–279.
<https://doi.org/10.1080/13506285.2022.2050871>

MANUSCRIPTS UNDER REVIEW

Homann, L. A., Drody, A. C., Smilek, D. The effects of self-selected music and task difficulty on task engagement and performance in a visual vigilance task. Under review at *Psychological Research*.

* Signifies shared first authorship

CONFERENCE PRESENTATIONS

Homann, L. A., Roberts, B. R. T., Ahmed, S., Fernandes, M. A. (2021, November 4-7). *Are emojis processed visuo-spatially or verbally? Evidence for dual codes* [Poster presentation]. Psychonomic Society 62nd Annual Meeting, Online.

FELLOWSHIPS AND GRANTS

Canada Graduate Scholarship—Masters	\$17,500	2022–2023
Natural Sciences and Engineering Research Council of Canada		
Undergraduate Student Research Award	\$4,500	2020
Natural Sciences and Engineering Research Council of Canada		

HONOURS AND AWARDS

Award of Academic Excellence		2022
Canadian Psychological Association		
Recruitment Award	\$5,000	2022
University of Toronto, Department of Psychology		
Honours Thesis Award		2022
University of Waterloo, Department of Psychology		
Term Distinction		2020–2022
University of Waterloo		
University of Toronto Scholars Award	\$6,000	2016
University of Toronto		

RESEARCH EXPERIENCE

PhD Student	Sep. 2022–present
Memory and Perception Lab, University of Toronto	
Principal Investigator: Dr. Morgan Barense	
Honours Thesis Student and Research Assistant	Jan. 2021–Aug. 2022
Vision and Attention Lab, University of Waterloo	
Principal Investigator: Dr. Daniel Smilek	
Research Assistant	Jan. 2020–May 2022
Cognitive Neuroscience Lab, University of Waterloo	
Principal Investigator: Dr. Myra Fernandes	
Research Assistant	May 2019–Aug. 2020
Psychological Interventions Research Team, University of Waterloo	
Principal Investigator: Dr. Jonathan Oakman	

STUDENTS SUPERVISED

- Shelby Davies, *Mini-Thesis Student* Jan. 2023–present

TEACHING EXPERIENCE

Teaching Assistant

Department of Psychology, University of Toronto

- PSY201: Statistics I (Professor: Dr. Molly Metz) Sep. 2022–Dec. 2022

TECHNICAL SKILLS

Data analysis: SPSS, jamovi, NVivo, Excel

Experiment programming: JSPsych, E-Prime, OpenSesame Experiment Builder, PsychoPy, Qualtrics, JATOS Experiment Manager, cognition.run

Apparatus: EyeLink eye-tracking system

Programming languages and tools: R, JavaScript, Python, Bash, Git, HTML

MENTORSHIP AND SERVICES

Workshop/Keynote Speaker Search Committee—Lead Jan. 2023–
Psychology Graduate Students Association, University of Toronto present

- Survey student population for speaker/workshop topic interests for yearly symposium and reach out to speakers

Graduate Mentor Sep. 2022–
Psychology Equity Diversity and Inclusion Committee, University of Toronto Nov. 2022

- Advised undergraduate students applying to research-based graduate programs, provided feedback on application materials, and aided in facilitating CV and personal statement workshops

Peer Mentor Sep. 2021–
Department of Psychology, University of Waterloo Apr. 2022

- Mentored seven undergraduate psychology students

President Jan. 2020–
Undergraduate Psychology Society (PsychSoc), University of Waterloo Aug. 2021

- Oversaw day-to-day functioning of PsychSoc, its executive members, and the tuck shop

Vice President of Events Sep. 2019–
Undergraduate Psychology Society (PsychSoc), University of Waterloo Dec. 2020

- Led a group of volunteers in the planning and execution of academic and social events for undergraduate psychology students