

# LAUREN ALEXANDRA HOMANN

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Department of Psychology  
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## EDUCATION

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**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

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**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

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**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

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<b>Canada Graduate Scholarship—Masters</b> Natural Sciences and Engineering Research Council of Canada	\$17,500	2022–2023
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<b>Undergraduate Student Research Award</b> Natural Sciences and Engineering Research Council of Canada	\$4,500	2020
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## HONOURS AND AWARDS

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

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

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## Teaching Assistant

Department of Psychology, University of Toronto

- PSY201: Statistics I (Professor: Dr. Molly Metz)

Sep. 2022–Dec. 2022

## TECHNICAL SKILLS

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**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

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### Workshop/Keynote Speaker Search Committee—Lead

Psychology Graduate Students Association, University of Toronto

Jan. 2023–

present

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

### Graduate Mentor

Psychology Equity Diversity and Inclusion Committee, University of Toronto

Sep. 2022–

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

Department of Psychology, University of Waterloo

Sep. 2021–

Apr. 2022

- Mentored seven undergraduate psychology students

### President

Undergraduate Psychology Society (PsychSoc), University of Waterloo

Jan. 2020–

Aug. 2021

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

### Vice President of Events

Undergraduate Psychology Society (PsychSoc), University of Waterloo

Sep. 2019–

Dec. 2020

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