

# LAUREN HOMANN

University of Toronto, 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 Barense

Committee Members: Dr. Bradley Buchsbaum and Dr. Brian Levine

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

2022

Advisors: Dr. Daniel Smilek and Allison Drody

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

Graduated with Dean’s Honours

## PUBLICATIONS

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\* Denotes shared first authorship

**Homann, L. A.,** Drody, A. C., Smilek, D. (2023). The effects of self-selected music and task difficulty on task engagement and performance in a visual vigilance task. *Psychological Research*, 87, 2460–2476. <https://doi.org/10.1007/s00426-023-01836-6>

**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>

## PRESENTATIONS

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(v) Denotes a virtual presentation

**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”.

Invited Q & A: Seminar in Attention and Multi-Tasking (taught by Dr. Nathan Ward) at Tufts University, Oct. 2023 (v)

Invited Talk: Laboratory for Attention and Social Cognition at McGill University, Jan. 2022 (v)

**Homann, L. A.,** Roberts, B. R. T., Ahmed, S., Fernandes, M. A. “Are emojis processed visuo-spatially or verbally? Evidence for dual codes”.

Poster: Psychonomic Society 62nd Annual Meeting, Nov. 2021 (v)

## FELLOWSHIPS AND GRANTS

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<b>Canada Graduate Scholarship—Doctoral</b> Natural Sciences and Engineering Research Council of Canada	\$105,000	2023–2026
<b>Canada Graduate Scholarship—Masters</b> Natural Sciences and Engineering Research Council of Canada	\$17,500	2022–2023
<b>Undergraduate Student Research Award</b> Natural Sciences and Engineering Research Council of Canada	\$4,500	2020

## HONOURS AND AWARDS

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

## RESEARCH EXPERIENCE

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

## STUDENTS SUPERVISED

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▪ Janice An, <i>Research Opportunity Program</i>	Sep. 2023–present
▪ Jessica Sun, <i>Research Opportunity Program and Individual Project</i>	May 2023–present
▪ Shelby Davies, <i>Mini-Thesis</i>	Jan. 2023–Apr. 2023

## TECHNICAL SKILLS

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

**Data analysis:** SPSS, jamovi, NVivo, Excel

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

**Apparatus:** EyeLink eye-tracking system

## TEACHING EXPERIENCE

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**Guest Instructor for the Summer Psychology Research Initiative (SPRINT)** Jul. 2023

Psychology Equity Diversity and Inclusion Committee, University of Toronto

- Title of Lecture: “The Testing Effect: Applications to Real-World Event Memory”

### Teaching Assistant

Department of Psychology, University of Toronto

- PSY201: Statistics I Fall 2022, Fall 2023

## MENTORSHIP AND SERVICES

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### Ad Hoc Reviewer

Journal of Cognitive Neuroscience, Canadian Journal of Experimental Psychology

**Core Logistics Team Member for the Summer Psychology Research Initiative (SPRINT)** Sep. 2023–present

Psychology Equity Diversity and Inclusion Committee, University of Toronto

- Planning SPRINT, a summer program aimed to support BIPOC high school students in learning about psychology and gaining research experience

**Orientation Coordinator** Sep. 2023–present

Psychology Graduate Students Association, University of Toronto

- Organizing and executing events during recruitment and orientation weeks for incoming graduate students

**Conference Organizer** Sep. 2023–present

Toronto Area Memory Group (TAMeG)

- Coordinating and planning an annual conference for memory researchers in southern Ontario

**Graduate Mentor for the Summer Psychology Research Initiative (SPRINT)** Jul. 2023

Psychology Equity Diversity and Inclusion Committee, University of Toronto

- Mentored a group of six high school students and advised them on creating a university-level research proposal and presentation

**Workshop/Keynote Committee—Lead**

Jan. 2023–May 2023

Psychology Graduate Students Association, University of Toronto

- Led a committee that planned the keynote and workshop components of the annual symposium
- Created, organized, and moderated a panel on academic publishing

**Graduate Mentor**

Sep. 2022–Mar. 2023

Psychology Equity Diversity and Inclusion Committee, University of Toronto

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

**Peer Mentor**

Sep. 2021–Apr. 2022

Department of Psychology, University of Waterloo

- Mentored seven undergraduate psychology students

**President**

Jan. 2020–Aug. 2021

Undergraduate Psychology Society (PsychSoc), University of Waterloo

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

**Vice President of Events**

Sep. 2019–Dec. 2020

Undergraduate Psychology Society (PsychSoc), University of Waterloo

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