

Salina Edwards, MSc

(She/Her/Hers)

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EDUCATION

McMaster University

MSc, Neuroscience

August 2025

Hamilton, ON

University of British Columbia

BA, Cognitive Psychology, English Literature

April 2023

Vancouver, BC

- Graduated with High Distinction

SCHOLARSHIPS & AWARDS

Most Innovative Poster Award

Canadian Psychological Association

June 2025

- Award included a \$50 honorarium

MPA Diversity Travel Award

Midwestern Psychological Association

April 2025

- Applied: \$200

Graduate Students' Association Travel Assistance Grant

McMaster University

April 2025

- Funding amount received: \$500

Gordon & Elise Mephram Scholarship

McMaster University

February 2025

- Applied: \$1,000

Canada Graduate Scholarship – Master's (CGS-M NSERC)

McMaster University

2024–2025

- Funding amount received: \$27,000

Dean's List

University of British Columbia

2022–2023

UBC AUSxCRO Undergraduate Research Award

University of British Columbia

April 2023

- Award included a \$25 honorarium

PUBLICATIONS

Journal Articles

2. Edwards, S.*, Galang, C. M., Fung, K., Knight, A., & Obhi, S. S. (2025). Preliminary evidence for a selective agency-boosting effect of psychosocial stress. *Consciousness and Cognition*, 131, 103872. <https://doi.org/10.1016/j.concog.2025.103872>

1. **Edwards, S.***, Jenkins, R., Jacobs, O, Kingstone, A. (2024). The medium modulates the medusa effect: Perceived mind in analogue and digital images. *Cognition*, 249, 105827.
<https://doi.org/10.1016/j.cognition.2024.105827>

Abstracts

5. **Edwards, S.***, Obhi, S. S. (2025). Task Instruction Delivered by an Agent of Artificial Intelligence (AI) Reduces Individual Sense of Agency Affecting Perception of Control Over Actions. *Canadian Psychological Association 2025 Program*.
https://cpa.ca/docs/File/Convention/2025/CPA%202025%20%E2%80%93%20Program_June12-2025.pdf
4. **Edwards, S.***, Obhi, S. S. (2025). The impact of AI-instruction on sense of agency. *Midwestern Psychological Association 2025 Program*.
<https://midwesternpsych.org/wp-content/uploads/sites/22/2025/02/MPA-2025-Program-2.5.25.pdf>
3. **Edwards, S.***, Obhi, S. S. (2024). The perception of reality: Differential engagement as a function of belief in human-AI interaction. *Psychology, Neuroscience & Behaviour Grad Research Day 2024*. https://www.canva.com/design/DAF_lyZEeM/mMqy4TJBnyRBySB4u71zHg/-view#1
2. **Edwards, S.***, Kingstone, A. (2023). Ceci n'est pas une personne: Changes in pictorial medium and representation of people modulate the perceived mind. *Canadian Journal of Undergraduate Research: AUSxURO Special Edition*.
https://cjur.ca/wp-content/uploads/2023/07/AUSxURO_2022.pdf
1. **Edwards, S.***, Kingstone, A. (2023). Ceci n'est pas une personne: Changes in pictorial medium and representation of people modulate the perceived mind. *Canadian Journal of Undergraduate Research: MURC Special Edition*.
https://cjur.ca/wp-content/uploads/2023/07/MURCx CJUR_2023_updated.pdf

Book Chapters

5. **Edwards, S.***, Feldman, K., Bland, A., Grzybowski, S. (2023). "The Pathway Forward." In *Building Resilient Rural Communities: Responding to Climate Change & Ecosystem Disruption*. Victoria, BC: BCcampus. <https://pressbooks.bccampus.ca/ccedarrproject/part/chapter-11-the-pathway-forward/>
4. **Edwards, S.***, Feldman, K., Fischer, J., Liu, K., Tsang, E., Grzybowski, S. (2023). "Youth Engagement in Climate Action." In *Building Resilient Rural Communities: Responding to Climate Change & Ecosystem Disruption*. Victoria, BC: BCcampus.
<https://pressbooks.bccampus.ca/ccedarrproject/part/chapter-9-youth/>
3. Grzybowski, S., Dhaliwal, R., **Edwards, S.*** (2023). "Data Transparency to Support Rural Community Stability." In *Building Resilient Rural Communities: Responding to Climate Change & Ecosystem Disruption*. Victoria, BC: BCcampus.
<https://pressbooks.bccampus.ca/ccedarrproject/part/chapter-4-data/>
2. Feldman, K., de Waal, A., **Edwards, S.***, Bland, A., Hari, K., Grzybowski, S. (2023). "Transformative Resilience." In *Building Resilient Rural Communities: Responding to Climate Change & Ecosystem Disruption*. Victoria, BC: BCcampus.
<https://pressbooks.bccampus.ca/ccedarrproject/part/chapter-7-transformative-resilience/>
1. Bland, A., Feldman, K., **Edwards, S.***, Hari, K., Liu, K., Grzybowski, S. (2023). "Sustainability." In *Building Resilient Rural Communities: Responding to Climate Change & Ecosystem Disruption*. Victoria, BC: BCcampus.
<https://pressbooks.bccampus.ca/ccedarrproject/part/sustainability/>

PRESENTATIONS

Talks

1. **Edwards, S.***, Fung, K., Obhi, S. S. (2024). Under stress and out of control?: The effect of acute stress on individual sense of agency. Presented at the Faculty of Health Sciences (FHS) Graduate Plenary, McMaster University, Hamilton, CA, May 2024.

Posters

5. **Edwards, S.***, Obhi, S. S. (2024). Task Instruction Delivered By an Agent of Artificial Intelligence (AI) Reduces Individual Sense of Agency Affecting Perception of Control Over Actions. Presented at the Canadian Psychological Association 2025 Research Conference, St. John's Conference Centre, St. John's, NL, CA, June 2025.
4. **Edwards, S.***, Obhi, S. S. (2024). The impact of AI-instruction on sense of agency. Presented at the Midwestern Psychological Association 2025 Research Conference, Palmer House a Hilton Hotel, Chicago, IL, USA, April 2025.
3. **Edwards, S.***, Obhi, S. S. (2024). The perception of reality: Differential engagement as a function of belief in human-AI interaction. Presented at the Psychology, Neuroscience & Behaviour Graduate Research Day, McMaster University, Hamilton, ON, CA, April 2024.
2. **Edwards, S.***, Kingstone, A. (2023). Mind perception changes across digital and physical pictures in the Medusa effect. Presented at the Multidisciplinary Undergraduate Research Conference (MURC), University of British Columbia, Vancouver, BC, CA, March 2023.
1. **Edwards, S.***, Kingstone, A. (2023). Mind perception changes across digital and physical pictures in the Medusa effect. Presented at the Psychology Undergraduate Research Conference (PURC), University of British Columbia, Vancouver, BC, CA, April 2023.

RESEARCH EXPERIENCE

Research Assistant III (contract)

September 2025–Present

McMaster University | Dr. Sukhvinder Obhi

Hamilton, ON

- Lead human–AI interaction research, employing surveys and advanced methods (e.g., EDA, TMS) to examine effects on agency, perception, and decision-making.
- Independently design and execute end-to-end studies, including planning, experimental design, recruitment, data collection, analysis, and manuscript preparation.
- Supervise undergraduate thesis students and research assistants, mentoring on study design, data analysis, and academic writing.

MSc Thesis

September 2023–April 2025

McMaster University | Dr. Sukhvinder Obhi

Hamilton, ON

- Led an independent research program examining how social context shapes the sense of agency in human–human versus human–AI interactions, employing behavioural and psychophysiological measures.
- Performed statistical analyses, interpreted and published results, and presented findings at conferences, contributing to the understanding of human–technology interaction and advancing research on social cognition in AI-mediated environments.

Research Assistant (volunteer)

April 2023–August 2023

Western University | Dr. Derek Mitchell

London, ON

- Assisted in collecting eye-tracking data to investigate how positive, negative, and neutral sounds influence pupil dilation and task performance accuracy.
- Co-led the design and implementation of a sound discrimination and visual performance experiment programmed in E-Prime.

Research Assistant (contract, remote)**May 2022–August 2023***Rural Health Services Research Network of BC | Dr. Stefan Grzybowski**Vancouver, BC*

- Co-authored an academic book examining climate change–related inequalities in rural communities across British Columbia.
- Oversaw project operations aimed at increasing youth engagement in climate change initiatives.
- Participated in meetings, presentations, and community events to communicate research progress and future objectives with researchers, physicians, and rural community members.

Research Assistant (contract)**May 2022–April 2023***University of British Columbia | Dr. Alan Kingstone**Vancouver, BC*

- Assisted in data collection for an attentional gaze study investigating the strength of the attentional forcefield.
- Designed and implemented a pilot project exploring concepts from extended mind theory.
- Supported EEG and eye-tracking data collection to measure implicit visual category discrimination using the fast periodic visual stimulation paradigm.

BA Thesis**September 2022–April 2023***University of British Columbia | Dr. Alan Kingstone**Vancouver, BC*

- Conducted research on the Medusa effect, examining how perceived mind differs across pictorial mediums (i.e., digital vs. analogue pictures).
- Findings published in *Cognition* (2024).

ACADEMIC SERVICE

Supervision**BA Thesis Student****September 2025–Present***McMaster University | Ayra Chaudhry**Hamilton, ON*

- Serving as the primary supervisor for a BA thesis student exploring students' satisfaction and preference for human- vs. AI-generated text explanations.
- **Thesis:** TBD

BA Thesis Student**September 2025–Present***McMaster University | Michael Ladouceur**Hamilton, ON*

- Serving as the primary supervisor for an undergraduate thesis student investigating semantic binding.
- **Thesis:** TBD

4QQ3 Research Student**September 2025–Present***McMaster University | Rebecca Yip**Hamilton, ON*

- Serving as the primary supervisor for a 4QQ3 research student on a human-AI interaction study exploring decision making processes, overseeing data collection, analysis, and manuscript preparation.

Research Assistant**November 2024–April 2025***McMaster University | Navya Vattikundala**Hamilton, ON*

- Primary supervisor for an undergraduate student involved in data collection and analyses on a research study exploring perceptions in human-AI interactions.

BA Thesis Student**September 2024–April 2025***McMaster University | Joshika Jaswal**Hamilton, ON*

- Served as primary supervisor for a BA thesis student examining differential engagement in human–AI versus human–human interactions using electrodermal activity (EDA) as a physiological measure.

- **Thesis:** Engagement differences in human-human and human-AI interactions

BA Thesis Student

September 2023–April 2024

McMaster University | Kimberly Fung

Hamilton, ON

- Served as primary supervisor for a BA thesis student investigating the effects of psychosocial stress on the implicit sense of agency.
- **Thesis:** In control or out of it? Exploring the relationship between stress and sense of agency

BA Thesis Student

September 2023–April 2024

McMaster University | Alyssa Knight

Hamilton, ON

- Served as primary supervisor for a BA thesis investigating the effects of psychosocial stress on the sense of agency using explicit self-report measures.
- **Thesis:** How does acute social stress impact sense of control?

BA Thesis Student

September 2023–April 2024

McMaster University | Samuel Tristan III Agpawa

Hamilton, ON

- Served as primary supervisor for a BA thesis investigating the effects of power on the explicit sense of agency.
- **Thesis:** Examining embodied power and how it affects sense of agency.

BA Thesis Student

September 2023–April 2024

McMaster University | Tiffany VanDusen

Hamilton, ON

- Served as primary supervisor for a BA thesis project examining how power influences the sense of agency, assessed through implicit measures.
- **Thesis:** Chin Up, Shoulders Back: The influence of Body Posture on Implicit Sense of Agency

Leadership Roles

Team Lead

December 2024–April 2025

McMaster University | Psychology, Neuroscience & Behaviour Graduate

Hamilton, ON

Conference Planning Committee

- Oversaw the planning and execution of the 2025 Graduate Research Day at McMaster University, managing a cross-functional committee to organize an annual department-wide research conference.
- Directed all aspects of event coordination, including logistics, scheduling, and communication with participants and faculty, ensuring a successful showcase of graduate student research.

Founder & Organizer

September 2023–August 2025

McMaster University | Brain Brews: A Psychology Journal Club Reading (About) Minds

Hamilton, ON

- Founded and lead Brain Brews, a bi-weekly journal club at McMaster University attended by graduate students, post-doctoral fellows, and faculty members.
- Selected and facilitated discussions on papers chosen for scholarly merit, historical significance, or relevance to members' current research interests.

Academic Service

Conference Evaluator

April 2025

McMaster University | Psychology, Neuroscience & Behaviour Undergraduate Conference

Peer Reviewer

September 2024–April 2025

McMaster University | International Journal for Students as Partners

APA Campus Ambassador

September 2024–April 2025

McMaster University | American Psychological Association

Conference Evaluator

April 2024

Alumni Relations, Event Coordinator, & Funding Officer

September 2023–April 2024

McMaster University | Psychology, Neuroscience & Behaviour Graduate Conference Planning Committee

Co-Organizer

September 2023–April 2024

McMaster University | Meeting of the MiNDS: Neuroscience Colloquium Committee

Co-Author

September 2023–April 2025

McMaster University | BrainWaves: The Neuroscience Graduate Newsletter

Mentor

April 2023–August 2023

University of British Columbia | Psi Chi Mentorship Program

TEACHING EXPERIENCE

Teaching Assistant

September 2025–Present

McMaster University | Dr. Shaiya Robinson

- LIFESCI 3XX3: Peer Mentoring in the Life Sciences
- Number of students: 31

Teaching Assistant

January 2025–April 2025

McMaster University | Dr. Shaiya Robinson

- LIFESCI 3XX3: Peer Mentoring in the Life Sciences
- Number of students: 41

Teaching Assistant

September 2024–December 2024

McMaster University | Dr. Shaiya Robinson

- LIFESCI 3XX3: Peer Mentoring in the Life Sciences
- Number of students: 40

Teaching Assistant

September 2023–December 2023

McMaster University | Dr. Katie Moisse

- LIFESCI 3P03: Science Communication in the Life Sciences
- Number of students: 38

ESL Teacher

December 2021

University of British Columbia | Centre for Community Engaged Learning

- Volunteered for a community-based learning program and taught an online English class to young children in Columbia as part of a highly interactive web-based course.

ACADEMIC BLOG ARTICLES

5. **Edwards, S.*** (2024, June 25). Can AI Replace Human Participants in Research? *BrainWaves: Neuroscience Graduate Program Newsletter*. <https://www.mindsnews.ca/can-ai-replace-human-participants-in-research-june-2024>
4. **Edwards, S.*** (2024, March 3). What was graduate life like before the advent of digital technology? An interview with insights from Drs. Fahnestock, McCabe, and Minuzzi. *BrainWaves: Neuroscience Graduate Program Newsletter*. <https://www.mindsnews.ca/what-was-graduate-life-like-before-the-advent-of-digital-technology-march-2024>
3. **Edwards, S.*** (2023, December 6). Digital Tools to Help You Survive Graduate School. *BrainWaves: Neuroscience Graduate Program Newsletter*. <https://www.mindsnews.ca/digital-tools-to-help-you-survive-grad-school-december-2023>

2. **Edwards, S.*** (2022, August 25). A Piece of the Peace: Rural Community Perspectives from the Northern Peace Region. *RHSRNBC Rural Health Research Knowledge Hub*. <https://blogs.ubc.ca/rhsrnbcresearchsupport/2022/08/25/a-piece-of-the-peace-rural-community-perspectives-from-the-northern-peace-region/>
1. **Edwards, S.*** (2022, June 24). Forecast for the Future: Extreme Temperature Effects on British Columbia's Rural Farming Systems. *RHSRNBC Rural Health Research Knowledge Hub*. <https://blogs.ubc.ca/rhsrnbcresearchsupport/2022/06/24/forecast-for-the-future-extreme-temperature-effects-on-british-columbias-rural-farming-systems/>

MEDIA APPEARANCES

"RA Q&A with Salina Edwards from the Brain, Attention and Reality (BAR) Lab" **May 2023**
UBC Department of Psychology

- Discussed my experience as a research assistant in the department of psychology at the University of British Columbia.
- <https://psych.ubc.ca/news/ra-qa-with-salina-edwards-from-the-brain-attention-and-reality-bar-lab/>

"Humans of UBC Psychology" **December 2021**
Psychology Students' Association of UBC

- Shared my experience as a first-generation undergraduate student navigating a non-traditional path through university, providing guidance and insights to students from marginalized groups facing unique challenges in post-secondary education.
- <https://blogs.ubc.ca/houp/2021/12/22/salina-edwards/>

PROFESSIONAL DEVELOPMENT

Guest Conference Attendances

Digital Futures Symposium: Shaping Canada's Digital Transformation **September 2025**
McMaster Digital Transformation Research Centre *Burlington, ON*

Psychology, Neuroscience & Behaviour Graduate Research Day **April 2025**
McMaster University *Hamilton, ON*

Faculty of Science Graduate Research Symposium **December 2024**
McMaster University *Hamilton, ON*

Psychiatry Research & Scholarship Day **May 2024**
McMaster University *Hamilton, ON*

Psychology, Neuroscience & Behaviour Graduate Research Day **April 2023**
McMaster University *Hamilton, ON*

Collective Experiences in the Datafied Society **June 2023**
Cardiff University *Cardiff, Wal, UK*

Workshops & Webinar Participation

Workshop: Visions of generative AI: Historical and ethical dimensions of visual media literacy in the era of AI **October 2025**
McMaster University; Sherman Centre for Digital Scholarship

Webinar: Demystifying Peer-Review **February 2025**

Workshop: Exploring Physiology Monitoring and Innovative Research Tools with BIOPAC <i>McMaster Digital Transformation Research Centre; BIOPAC Systems Vineet Gopal</i>	January 2025
Webinar: Careers Beyond the Clinic <i>McMaster University Drs. Brandon Aubie, Alison Fenney, Rayna Friendly, Ryan Kealey</i>	December 2024
Webinar: Abstract Writing for Conference Submissions <i>Association for Psychological Science Drs. Corey Cook, Amanda Montoya</i>	December 2024
Workshop: How to Build an AI Chatbot <i>McMaster University Dr. John Fink</i>	November 2024
Workshop: Introduction to R <i>York University Gabriel Crone, Ken Suzuki, Victoria Celio</i>	June 2024
Workshop: Statistics Crash Course <i>York University Dr. Xijuan Zhang</i>	May 2024
Webinar: Artificial Intelligence and Psychological Research <i>American Psychological Association Drs. Mohammed Atari, Kurt Grey, Jerri Hogg, Rose Sokal, Sang Wu</i>	April 2024
Webinar: The 10 Habits of the Complete Researcher <i>American Psychological Association Drs. Joshua Hook, Don Davis, Daryl Van Tongeren</i>	February 2024
Workshop: Intro to Data Analysis with Rstudio <i>University of Victoria; Centre for Digital Scholarship</i>	November 2023
Workshop: Data Wrangling with OpenRefine <i>University of Victoria; Centre for Digital Scholarship</i>	November 2023
Workshop: Digital Tools to Ace Grad School <i>McMaster University; Sherman Centre for Digital Scholarship</i>	October 2023
Webinar: Generative AI in Research Evaluation <i>University of Southern California, University of North Carolina; Cell Press and Elsevier</i>	September 2023
Workshop: Poster Design <i>University of British Columbia; Psychology Students' Association of UBC</i>	February 2023
Workshop: Writing the Literature Review: Mapping the Scholarly Conversation <i>University of British Columbia; Centre for Writing and Scholarly Communication</i>	January 2023

PROFESSIONAL AFFILIATIONS

Canadian Psychological Association (CPA)	January 2025—Present
Midwestern Psychological Association (MPA)	January 2025—Present
American Psychological Association (APA)	2022—2025
Ontario Psychological Association (OPA)	2022—2024

CLUB MEMBERSHIPS

Chess Club**September 2022–April 2023***University of British Columbia*

SKILLS & PROFICIENCIES

Programming Languages: R, JavaScript**Data Analysis Software:** MATLAB, AcqKnowledge, SPSS, jamovi, OpenRefine, JASP**Experimentation Technology:** SuperLab, PsychoPy, E-Prime**Online Survey Applications:** Qualtrics, LimeSurvey, UserTesting**Visualization:** Photopea, Canva, PowerPoint**Web Frameworks:** Wix, WordPress, GitHub**Audio Engineering Software:** Audacity

CERTIFICATES

Introduction to R**July 2024***York University***Graduate Students Mental Health Education Program****June 2024***McMaster University*

LANGUAGES

English: Fluent**Middle English (1100-1500):** Reading**Spanish:** Intermediate