# Salina Edwards, M.Sc. student, McMaster University

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## Research Interests

My research interests include mind perception, emerging technologies, coercion, and sense of agency.

## Education

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|---|---|
| 2023—2025 | **McMaster University** |
| | M.Sc. Neuroscience |
| | |
| 2023 | **University of British Columbia** |
| | B.A. Psychology, minor in English Literature |
| | *Graduated with High Distinction* |

## Scholarships & Awards

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| **CGS-M NSERC,** applied | 2023 |
| **UBC,** Dean's List | January—April 2023 |
| **UBC AUSxCRO Undergraduate Research Award,** runner-up | 2023 |

## Publications

### Papers:
1. **Edwards, S.,** Jenkins, R., Jacobs, O, Kingstone, A. (under review). Modulating the Medusa effect. *Cognition*.

### Abstracts:
1. **Edwards, S.,** Kingstone, A. (2023). Mind perception changes across digital and physical pictures in the Medusa effect. *Canadian Journal of Undergraduate Research.* https://cjur.ca/wp-content/uploads/2023/07/MURCxCJUR_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

### Posters:

2.   Edwards, S. (2023). Mind perception changes across digital and physical pictures in the Medusa effect. Presented at the UBC Multidisciplinary Undergraduate Research Conference (MURC), March 2023.
1.   Edwards, S. (2023). Mind perception changes across digital and physical pictures in the Medusa effect. Presented at the UBC Psychology Undergraduate Research Conference (PURC), April 2023.

## Academic Service

### Leadership roles:

**BrainBrews: A Psychology Journal Club Reading (About) Minds**   November 2023—present
President, *McMaster University*
-   I am the founder of BrainBrews, a journal club within the Obhi Lab at McMaster university. The journal club meets on a bi-weekly basis to discuss papers in the field of psychology that are chosen based on merit, historical significance, or relevance to a current member's field of research.

## Volunteer work:

**PNB Graduate Conference Planning Committee**               December 2023—present

Alumni Relations, Event Coordinator, and Funding Officer, *McMaster University*

- Volunteering to assist in conference planning, with a focus on organizing a student alumni panel, planning the after-event social, and securing funds for the conference.

**Meeting of the MiNDS**                                     December 2023—present

Co-organizer, *McMaster University*

- Assisting in organizing monthly meetings for Neuroscience graduate students. The purpose of these meetings is to provide students with knowledge about available resources around campus, and

**BrainWaves: The Neuroscience Graduate Newsletter**         October 2023—present

Co-writer, *McMaster University*

- Currently volunteering as a writer for McMaster University's Neuroscience Graduate Student Newsletter with a focus on upcoming trends in science and technology.

## Mentorship:

**Undergraduate Thesis Project**                            September 2023—present

Kimberly Fung, *McMaster University*

- Currently mentoring and assisting in project conceptualization, methodology, project programming, data collection and analysis, manuscript review & editing, and conference preparation for their undergraduate thesis project exploring implicit agency and stress.

**Undergraduate Thesis Project**                            September 2023—present

Aly Knight, *McMaster University*

- Currently mentoring and assisting in project conceptualization, methodology, project programming, data collection and analysis, manuscript review & editing, and conference preparation for their undergraduate thesis project exploring explicit agency and stress.

**Undergraduate Thesis Student**                            September 2023—present

Samuel Tristan III Agpawa, *McMaster University*

- Currently mentoring and assisting in project conceptualization, methodology, project programming, data collection and analysis, manuscript review & editing, and conference preparation for their undergraduate thesis project exploring implicit agency and power.

**Undergraduate Thesis Student**                            September 2023—present

Tiffany VanDusen, *McMaster University*

- Currently mentoring and assisting in project conceptualization, methodology, project programming, data collection and analysis, manuscript review & editing, and conference preparation for their undergraduate thesis project exploring explicit agency and power.

**Psi Chi Mentorship program**                                        April 2023—August 2023
*University of British Columbia*
- Provided mentorship to high school students interested in university psychology programs by giving advice and sharing my academic journey as a non-traditional academic from a rural community.


# Research Experience

**Research Assistant (volunteer)**                                    April 2023—August 2023
Emotional Cognition Lab
*UWO Brain and Mind Institute |* Dr. Derek Mitchell
- Currently assisting in data collection using eye tracking to examine the influence of positive, negative, and neutral sounds on pupil dilation and task performance accuracy.
- Co-leading an experiment involving sound discrimination and visual performance with the program E-Prime.


**Research Assistant (paid position)**                                May 2022—August 2023
Rural Health Services Research Network of BC (RHSRNbc)
*UBC Department of Family Practice |* Dr. Stefan Grzybowski
- Conducted literature reviews and synthesized findings into book chapters.
- Led a youth-engagement project where we wrote a fictional narrative to support the theoretical research in the scholarly book.
- Assisted in developing and publishing project ideas garnered from the RHSRNbc 2022 research symposium, preparing research-informed blog posts, participating in administrative tasks surrounding communications, and facilitating weekly work meetings.


**Research Assistant (paid position)**                                September 2022—April 2023
Brain, Attention, and Reality Lab
*UBC Department of Psychology |* Dr. Alan Kingstone
- Assisted in collecting data for an attentional gaze study examining the strength of the "attentional forcefield."
- Created a pilot project examining extended mind theory (EMT).
- Supported in data collection using electroencephalography (EEG) and eye tracking to measure implicit discrimination of visual categories using a method known as "fast period visual stimulation" (FPVS).

**Directed Studies**                                    September 2022—April 2023

Brain, Attention, and Reality Lab

*UBC Department of Psychology* | Dr. Alan Kingstone

- Conducted research examining how mind perception of people in pictures changes across differing pictorial mediums in the Medusa effect.


## Teaching Experience

**Teaching Assistant**                          September 2023—December 2023

LIFESCI/SCICOMM 3P03: Science Communication in the Life Sciences

*McMaster University* | Dr. Katie Moisse

- Facilitated weekly discussions during tutorial and clarified any student inquiries with respect to class content and assignments, as well as graduate school and academia in general. Engaged in student consultations to provide one-on-one support outside of weekly tutorials. Marked essays and exams.

**ESL Teacher**                                                December 2021

Centre for Community Engaged Learning

*UBC Department of French, Hispanic and Italian Studies*

- 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.


## Knowledge Translation

**Edwards, S.** (2022). A Piece of the Peace: Rural Community Perspectives from the Northern Peace Region

- Conducted qualitative research using structured interviews with community members living in rural areas around Northern BC to gather first-person perspectives on the impact of anthropogenic climate change on their community.
- [https://blogs.ubc.ca/rhsrnbcresearchsupport/2022/08/25/a-piece-of-the-peace-rural-community-perspectives-from-the-northern-peace-region/](https://blogs.ubc.ca/rhsrnbcresearchsupport/2022/08/25/a-piece-of-the-peace-rural-community-perspectives-from-the-northern-peace-region/)

**Edwards, S.** (2022). Forecast for the Future: Extreme Temperature Effects on British Columbia's Rural Farming Systems

- Wrote a research-informed academic blog post describing the social, economical, and psychological effects that climate change has on rural communities.
- [https://blogs.ubc.ca/rhsrnbcresearchsupport/2022/06/24/forecast-for-the-future-extreme-temperature-effects-on-british-columbias-rural-farming-systems/](https://blogs.ubc.ca/rhsrnbcresearchsupport/2022/06/24/forecast-for-the-future-extreme-temperature-effects-on-british-columbias-rural-farming-systems/)

## Media Appearances

### <u>Interviews:</u>

UBC Department of Psychology—"RA Q&A with Salina Edwards                    May 2023
from the Brain, Attention and Reality (BAR) Lab"
- Spoke about my experience as a research assistant (RA) 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/](https://psych.ubc.ca/news/ra-qa-with-salina-edwards-from-the-brain-attention-and-reality-bar-lab/)

Psychology Students' Association of UBC—"Humans of UBC                    December 2021
Psychology"
- Spoke about my personal experience as an undergraduate student who is taking a non-traditional route through university. I aimed to offer insights and advice to other students representing marginalized groups who are more likely to face adversities while navigating post-secondary institutions.
- [https://blogs.ubc.ca/houp/2021/12/22/salina-edwards/](https://blogs.ubc.ca/houp/2021/12/22/salina-edwards/)


## Professional Development

### <u>Conference Attendances:</u>
**Collective Experiences in the Datafied Society**                    June 2023
    Data Justice Lab
    *Cardiff University, Cardiff, UK*


### <u>Workshops:</u>
**Intro to Data Analysis with Rstudio**                    November 2023
    Centre for Digital Scholarship
    *University of Victoria, Victoria, CA*

**Data Wrangling with OpenRefine**                    November 2023
    Centre for Digital Scholarship
    *University of Victoria, Victoria, CA*

**Workshop: Digital Tools to Ace Grad School**                    October 2023
    Sherman Centre for Digital Scholarship
    *McMaster University, Hamilton, CA*

**Generative AI in research evaluation**                    September 2023
    Cell Press and Elsevier joint virtual panel
    *University of Southern California, Los Angeles, USA; University of North Carolina, North Carolina, USA*

**Poster Design Workshop**                    February 2023
    Psychology Students' Association (PSA) of UBC

*University of British Columbia, Vancouver, CA*
**Writing the Literature Review: Mapping the Scholarly Conversation**     January 2023
    Centre for Writing and Scholarly Communication
    *University of British Columbia, Vancouver, CA*

## Professional Affiliations

**American Psychological Association (APA)**, Student Member    June 2022—present
**Ontario Psychological Association (OPA)**, Student Member    May 2022—present
**Psychology Students' Association (PSA) of UBC**, Student Member    2020—2023

## Club Memberships

**BrainBrews,** President, *McMaster University*    November 2023—present
**Meeting of the MiNDS**, Co-organizer, *McMaster University*    September 2023—present
**Chess Club,** Member, *University of British Columbia*    2022—2023

## Skills & Proficiencies

**Programming Languages:** R, Python, SPSS
**Data Curation Software:** OpenRefine
**Experimentation Technology:** PsychoPy, E-Prime
**Online Survey Applications:** Qualtrics, LimeSurvey
**Visualization:** Photopea, Canva, PowerPoint
**Web Frameworks:** Wix, WordPress
**Audio Engineering Software:** Audacity

## Language Abilities

**English**—Fluent
**Middle English**—Reading
**Spanish**—Reading, conversational