

## EDUCATION

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### Master of Arts (M.A) in Linguistics

The University of British Columbia  
Vancouver, Canada

2022–2025

- Thesis: [Automatic Glossing for Northern Interior Languages Featuring Cross-Lingual Enhancements](#)
- Committee: Miikka Silfverberg (supervisor), Henry Davis, and Garrett Nicolai

### Bachelor of Science (B.Sc.) with Distinction Computer Science & Linguistics Double Major (Co-op)

The University of Manitoba  
Winnipeg, Canada

2017–2022

- GPA: 4.39/4.50

## RESEARCH POSITIONS

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### Research Assistant

UBC Linguistics Department

Experimental Linguistics and Fieldwork Lab (Dr. Chris Hammerly)

Sep 2023–present

- Conducted programming tasks for the development of an FST for Ojibwe inflectional forms (e.g., created YAML test files for the FST, scraped forms from the online Ojibwe People's Dictionary).

Experimental Linguistics and Fieldwork Lab (Dr. Chris Hammerly)

Sep 2022–Aug 2023

- Developed Python code for using eye-trackers for Ojibwe psycholinguistics experiments, using PsychoPy, Tobii eye-trackers, and Tobii Pro Lab via the Titta package.

Dr. Miikka Silfverberg

Sep 2022–Aug 2023

- Independently developed an automatic segmentation and glossing model, using a transformer and CRFs.
- Extensively annotated linguistic datasets for e with this and other models.

### Undergraduate Research Award Recipient

UManitoba Linguistics Department

May–Aug 2019

- Received funding to spend the summer conducting original sociolinguistic research with Dr. Loureiro-Rodríguez, studying the vocative *bro* and its connections to speaker identity:
  - Analyzed corpus data and collected original data, including coding an online survey.
  - Shared my research with the public in an interview on CBC Radio's 'Up to Speed'.
  - Gave an award-winning presentation at UManitoba's Undergraduate Research Poster Competition.

## PAPERS

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Hammerly, Livesay, Arppe, **Stacey**, and Silfverberg. (Submitted) [OjibweMorph: An approachable morphological parser for Ojibwe](#).

Garcia (Kwə́łtəzétkwu), Hannon, and **Stacey**. 2024. [Three Glossed Nl̓eʔkepmxcín Narratives by Kwə́łtəzétkwu \(Bernice Garcia\)](#). In *Proceedings of the 59<sup>th</sup> International Conference on Salish and Neighbouring Languages*, 68–94. University of British Columbia Working Papers in Linguistics.

- Hannon, **Stacey**, and Steiner. 2023. [Glossed Conversational Data in Nl̓eʔkepmxcín](#). In *Proceedings of the 58<sup>th</sup> International Conference on Salish and Neighbouring Languages*, 117-158. University of British Columbia Working Papers in Linguistics.
- Ginn, Moeller, Palmer, **Stacey**, Nicolai, Hulden, and Silfverberg. 2023. [Findings of the SIGMORPHON 2023 Shared Task on Interlinear Glossing](#). In *The 20th SIGMORPHON workshop on Computational Morphology, Phonology, and Phonetics*, 186-201. Association for Computational Linguistics.

## FUNDING & AWARDS

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### As part of the nl̓eʔkepmxcín Lab (nlab):

- **UBC Indigenous Strategic Initiatives Fund** Jul 2024  
*Nl̓eʔkepmxcín stories, conversations, and curriculum development*  
 Value: \$83,164 CAD
- **Jacobs Research Funds** May 2024  
*Studies of the speech and structure of Nl̓eʔkepmxcín*  
 Value: \$7,442 CAD
- **Jacobs Research Funds** May 2023  
*Topics in the study of Nl̓eʔkepmxcín*  
 Value: \$8,480 CAD

### Personal:

- **Canada Graduate Scholarships – Master’s Program (CGS-M)** Sep 2023  
*Automatic Glossing for Northern Interior Languages Featuring Cross-Lingual Enhancements*  
 Source: Social Sciences and Humanities Research Council of Canada (SSHRC)  
 Value: \$17,500 CAD
- **Edna Dharmaratne Award** Apr 2023  
 Source: UBC Department of Linguistics  
 Value: \$1,000 CAD
- **McCall MacBain Regional Award** Sep 2022  
 Source: McCall MacBain Foundation  
 Value: \$5,000 CAD
- **Ralph G. Stanton Scholarship** 2021  
 Source: UManitoba  
 Value: \$3,400 CAD
- **President’s Scholarship** 2018-2020  
 Source: UManitoba  
 Value: \$1,000 CAD annually
- **Women in Computer Science Scholarship** 2020  
 Source: UManitoba  
 Value: \$2,300 CAD
- **Ubisoft Winnipeg Scholarship for Women in Computer Science** 2019  
 Source: Ubisoft Winnipeg  
 Value: \$1,000 CAD
- **UM Queen Elizabeth II Entrance Scholarship – Tier 1** 2017  
 Source: UManitoba  
 Value: \$3,000 CAD

## CONFERENCE PRESENTATIONS

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### **An Investigation into the Vocative Bro: Connections Between Speaker, Purpose & Position**

- Sociolinguistics Symposium 23  
*The University of Hong Kong (online)* Jun 2021
- The Annual Conference of the International Network on Address Research (INAR)  
*The University of Bergamo, Italy (online)* Jun 2021
- The Annual Conference of the Canadian Linguistics Association (CLA)  
*The University of Western Ontario, Canada (online)* Jun 2020

## WORK EXPERIENCE

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### **Teaching Assistant**

UBC, LING 242: Computational Tools for Linguistic Analysis (Part-time) Jan 2024–Apr 2024

- Graded student assignments and exams as they learnt shell commands for NLP tasks
- Answered student questions during their weekly lab sessions
- Supervised small groups of students in the development of a final research project

### **Application Developer, Co-op Work Term II & III**

Niche Technology (Full-time) May–Dec 2021

- Performed full-stack development work in a massive codebase (in C#, C++, XAML and several custom languages):
  - Fulfilled countless customer requests for changes to the company's incident-reporting software, ranging from database changes to UI modifications.
  - Completed a large independent project involving piecing together a new view, where I was responsible for breaking down this multi-month project into manageable pieces and performing extensive testing and quality assurance.
  - Worked extensively on code refactoring: increasing readability, reducing duplication, and suggesting organizational improvements.

### **Grader**

UManitoba, COMP 4620: Professional Practice (Part-time) May–Jun 2021

UManitoba, COMP 3040: Technical Communication (Part-time) Sep–Dec 2020

- The only student from my class asked to return as a marker, tasked with evaluating students' assignments & tests and providing detailed feedback to every student giving specific advice on writing effectively in the computer science context.

### **Junior Tools Developer, Co-op Work Term I**

Ubisoft (Full-time) Jun–Aug 2020

- Working in a collaborative team of interns and regular employees, put my computer science studies into practice by:
  - Adding new functionality to an internal website, including modifying the site's appearance/interactions in consultation with the UX team and modifying the corresponding API to pre-calculate data for the site.
  - Creating the very first prototype for a new project by learning a JavaScript library and framework that were new to the entire team, and deciding how to fulfill functionality requirements by creatively combining the available tools.

## **Barista & Barista Trainer**

*Starbucks (Part-time)*

*Jul 2016–Apr 2019*

- Interacted professionally with the public and worked efficiently with a team under pressure.
- Selected for further training to be designated as my location's only Barista Trainer, due to my friendly nature and commitment to high standards.

## **VOLUNTEERING**

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### **Senior Volunteer**

*Sep 2023–Apr 2024*

### **General Volunteer**

*Sep 2022–Apr 2023*

*UBC Sprouts*

- Co-led a small team of fellow student volunteers in a weekly shift at Sprouts Café, providing low-cost, vegan food to UBC students to fight food insecurity.

### **Mentor**

*UBC WICS (Women in Computer Science)*

*Sep 2022–Apr 2023*

- Met regularly with an assigned undergraduate mentee, to provide advice and support on navigating the computer science degree as a woman.

### **Vice-President**

*UManitoba WICS (Women in Computer Science)*

*Apr 2021–Apr 2022*

- Ensured successful club functioning by handling administrative tasks alongside the President, regularly checking in on and assisting other executives with their duties, and attending regular team meetings.
- Helped facilitate club events with the team, such as the industry-networking 'Mentor Mingles'.
- Revived an idea for female peer mentorship in the department. Organized many planning meetings, recruited and matched mentors/mentees and managed this program to ensure newcomer women have an approachable role model to support their establishment in the field.
- Alongside our Outreach Coordinator, planned and presented at high school outreach events directed primarily at girls, and initiated an event to welcome women new to the department and provide guidance.
- Created a speaker series highlighting women faculty in the department.
- Attended all meetings of the Computer Science Students' Association's executive team, as the designated female vote on this typically all-male group of student representatives
- Selected to participate in Ubisoft Winnipeg's Nova Leadership Training for Women.

### **President**

*Sep 2020–May 2021*

### **Vice-President of Events**

*Sep 2019–May 2020*

*Linguistic-ISH (Undergraduate Linguistics Club)*

- Oversaw a small team of Linguistics students, working to make our department a community.
- Alongside the VP of Events, planned a year's worth of events ranging from casual, community-building hangouts to career-focused sessions featuring speakers and presentations.
- Liaised between students and faculty, including spearheading student support for a new Honours program.
- Managed our social media platforms and created all advertising and communications.
- Opened and managed an online Discord server, now the go-to place to meet and discuss classes.
- Created such student engagement that we had more interest than ever for joining the team the next year!

### **Activity Coordinator**

*Go Code Girl*

*Feb 2020*

- Helped small groups of middle-school girls participate in fun, coding-inspired activities.

**Organizer**

*Manitoba Youth for Climate Action*

*Summer 2019*

- Attended regular meetings with fellow passionate youth to organize local environmental activism, and spoke in front of my peers in the classroom and at our climate action rally with 10,000 estimated attendees.

**Volunteer English Tutor**

*English Language Centre*

*Jan–Apr 2019*

- Met weekly with an international student to help with English and feeling at home in Canada.