

Education

- 2024- Present Doctor of Philosophy – Computer Science
University of Victoria – Victoria, B.C.
- 2021-2024 Master of Arts - Linguistics
Thesis: Unmasking ChatGPT: The challenges of using AI for learning vocabulary
in English as an additional language
Graduate Co-op Education
University of Victoria – Victoria, B.C.
- 2018-2021 Bachelor of Arts - Honours Linguistics
Thesis: Learning words with unfamiliar consonants in virtual reality environments
Work Experience
University of Victoria – Victoria, B.C.
- 2014-2016 Diploma in General Studies
Thompson Rivers University – Open Learning – Kamloops, B.C.
- 2011-2013 Courses in Theatre Production
Toronto Metropolitan University – Toronto

Research Interests

Applied Generative AI; Galleries, Libraries, Archives and Museums; Computer and mobile assisted learning; Human-technology interactions and technology-mediated communication; Humane technology.

Grants, Awards and Scholarships

- 2026 Peter and Ana Lowens Student Fellowship (\$1,500)
University of Victoria – Victoria, B.C.
- Internal Scholarships and Awards — University of Victoria, 2021–2026
Multiple graduate scholarships and research awards totaling \$56,000
- 2020-2021 Jamie Cassels Undergraduate Research Award 2020-2021 (\$1,500)
University of Victoria – Victoria, B.C.
- 2020 Best Oral Presentation Award- Language Sciences and Undergraduate Research
Conference
University of British Columbia – Vancouver, B.C.

- 2018 Premier's International Scholarship. Irving K. Barber Scholarship Society. (\$5,000)
University of Victoria – Victoria, B.C.
- 2018 Student International Activities Fund Scholarship. (\$500)
University of Victoria – Victoria, B.C.
- 2018 One World International Scholarship. Irving K. Barber Scholarship Society. (\$1,000)
University of Victoria – Victoria, B.C.

Publications (Unrefereed)

Purnomo, G., **Farr, C.**, Purnomo, C., Ebbutt, N., Cardoso, A., Gick, B. (2021). Speaker accommodations toward VUI voices on the dimensions of voice onset time and pitch range. *Canadian Acoustics*.

Cassels, M., & **Farr, C.** (2019). Mobile applications for Indigenous language learning: Literature review and app survey. *Working Papers of the Linguistics Circle of the University of Victoria*. 29(1).

Presentations (Refereed)

Farr, C. (2026). A Method for Linking AI-corrected Text Back to OCR Spatial Data in Historical Document Scans. 114.BiblioCon2026 [Berlin, 2026] (*Upcoming*).

Farr, C., Gerdts, D., Louie, D., Morris, T., Seymour, S. (2023). Storyworlds: A multi-media approach to Hul'q'umi'num' fluency [Refereed Presentation – Presented by Seymour, S.]. *Symposium on American Indian Languages 2023 (SAIL)* [University of Arizona].

Bird, S., **Farr, C.**, Nolan, T., Yeung, H., McClay, E., Percival, M. (2022). Hul'q'umi'num' listening quizzes: Blending research and pedagogy [Refereed Video Presentation]. *International Conference on Salish and Neighbouring Languages (2021)* [Online].

Purnomo, G., **Farr, C.**, Purnomo, C., Ebbutt, N., Cardoso, A., Gick, B. (2021). Speaker accommodations toward VUI voices on the dimensions of voice onset time and pitch range [Refereed Video Presentation]. *Acoustics Week in Canada (AWC 2021)* [Online].

Farr, C., Bird, S., Gick, B. (2021). Phonetic knowledge in word learning in VR [Refereed Poster Presentation]. *The Third International Symposium on Applied Phonetics (ISAPh 2021)* [Online].

Farr, C., Purnomo, G., Cardoso, A., Shamei, A., & Gick, B. (2021). Speaker accommodations and VUI voices: Does human-likeness of a voice matter? [Refereed Poster Presentation]. *XVII Edition of the AISV Annual Conference* [Online].

- Farr, C., Liu, Y., Shamei, A., & Gick, B. (2020).** Users' head movement obtained from avatars in social VR applications. [Refereed Poster Presentation]. *Acoustics Virtually Everywhere - 179th Meeting of the Acoustical Society of America* [Online].
- Shamei, A., **Farr, C., Liu, Y., & Gick, B. (2020).** The effect of virtual reality environments on auditory memory. [Refereed Poster Presentation]. *Acoustics Virtually Everywhere - 179th Meeting of the Acoustical Society of America* [Online].
- Farr, C. (2020).** Pitch variation in Umuahia Igbo: Impacts of preceding velar stops on low tone /à/. [Refereed Oral Presentation]. *Language Sciences Undergraduate Research Conference*. University of British Columbia. Vancouver, B.C.
- Cassels, M., & **Farr, C. (2019).** Mobile applications for Indigenous language learning: Literature review and app survey [Refereed Oral Presentation]. *Northwest Linguistics Conference 35*. University of Victoria, Victoria, B.C.

Presentations (Unrefereed)

- Farr, C. (2021).** Learning words in unfamiliar sounds in VR [Unrefereed Poster Presentation]. *Jamie Cassels Undergraduate Research Award Poster Fair* [Online].

Invited Talks

- Farr, C., Davis, C., Binkley, P. (2026, February 6).** Accelerating History: AI + Optical Character Recognition. Digital Scholarship Centre, Edmonton, University of Alberta, AB.
- Farr, C. (2025, September 16).** Digitize to democratize: Archives, AI and access. Lightning talk at *Kula Academy Launch: Symposium on Truth, Knowledge, & Society*. Kula: Library Futures Academy, Victoria, B.C.
- Farr, C. (2024, March 26).** Understanding logic: Sets and conditions in linguistics. Guest lecture in *LING 100B Foundations in Linguistics*. University of Victoria, Victoria, B.C.
- Farr, C. (2024, March 21).** Unmasking ChatGPT: The challenges of using AI for learning vocabulary in English as an additional language. Guest lecture in *LING 475/574 Special Topics in Applied Linguistics*. University of Victoria, Victoria, B.C.
- Farr, C. (2024, March 14).** Natural language processing: Humans vs. Computers. Guest lecture in *LING 100B Foundations in Linguistics*. University of Victoria, Victoria, B.C.
- Farr, C. (2023, November 8).** Why not use ChatGPT for language learning?. Guest lecture in *LING 297 Introduction to Special Topics in Linguistics*. University of Victoria, Victoria, B.C.

Research Experience & Employment

- 2025-2026 Kula: Library Futures Academy Graduate Fellow – University of Victoria Libraries – Victoria, B.C.
- 2025 Graduate Web Developer – Research Data Management National Expert Group – Digital Research Alliance of Canada
- 2024-2025 Graduate Assistant for Quantitative Analysis and Generative AI – Digital Scholarship Commons – University of Victoria Libraries – Victoria, B.C.
- 2024 Research Assistant – Avador – Dr. Derek Jacoby – Royal British Columbia Museum / University of Victoria – Victoria, B.C.
- 2024 Mentor – UVic Verna J. Kirkness Foundation Tech Tales Group University of Victoria – Victoria, B.C.
- 2024 Technical Support for the Creative Technologies Masterclass – Indigenous Matriarchs 4 – Remote
- 2023-2024 Graduate Assistant for Programming, Electronics, and Quantitative Analysis – Digital Scholarship Commons – University of Victoria Libraries – Victoria, B.C.
- 2021-2024 Game Developer and Mentor – x^wəlməx^wqən Cultural Society – First Voices Technology Grant. 2023-2025 Lower Mainland, B.C.
- 2021-2024 Game Developer – Dr. Donna Gerds – First Voices Development Grant. 2021-2022 & 2022-2023. Simon Fraser University – Vancouver, B.C.
- 2020-2022 Research assistant / Work study – Dr. Sonya Bird – Professional Grant, Social Sciences and Research Council of Canada. “Hul’q’umi’num’ phonetic structures: Exploring paths towards fluent pronunciation”. Speech Research Lab – University of Victoria – Victoria, B.C.
- 2020-2021 Research assistant – Dr. Bryan Gick – Insight Grant, Social Sciences and Research Council of Canada. ‘Virtually speaking; how phonetic information affects communication in virtual reality’ and Co-applicant Research Grant on Professional Grant, Social Sciences and Research Council of Canada. ‘Ensuring literacy in a multicultural and digital world’. 2021-2022. Interdisciplinary Speech Research Lab – University of British Columbia – Vancouver, B.C.

- 2019-2021 Research Assistant – Dr. Alexandra D’Arcy – Insight Grant, Social Sciences and Research Council of Canada. ‘Only time will tell: Incrementation and language change in the preschool and early elementary years’. 2016-2022.
Sociolinguistics Research Lab – University of Victoria – Victoria, B.C.
- 2018 Co-op – Research of the Ewe language
Volta Aid Foundation – Ho, Ghana
- 2013-2014 Lighting Design and Technician Work Study
Banff Centre for the Arts – Banff, AB.

Academic Service

- 2025-2026 Computer Science Graduate Representative to the UVic Graduate Student Society – University of Victoria – Victoria, B.C.
- 2026 Teaching Assistant – CSC 111 & CSC 115 – University of Victoria – Victoria, B.C.
- 2025 Teaching Assistant – CSC 130 – University of Victoria – Victoria, B.C.
- 2025 Teaching Assistant – CSC 115 – University of Victoria – Victoria, B.C.
- 2025 Treasurer – UVic Computer Science Graduate Student Association
University of Victoria – Victoria, B.C.
- 2024 Adjudicator for the Let’s Talk About Teaching 2024 Conference
Learning and Teaching Support and Innovation, University of Victoria – Victoria, B.C.
- 2024 Teaching Assistant – LING 100B – University of Victoria – Victoria, B.C.
- 2021-2022 Committee Member of the UVic Linguistics Circle Colloquium Series
Department of Linguistics, University of Victoria – Victoria, B.C.
- 2021-2022 Co-Editor of the Working Papers of the Linguistic Circle Volume 32
Department of Linguistics, University of Victoria – Victoria, B.C.
- 2021 Undergraduate Student Representative
Department of Linguistics, University of Victoria – Victoria, B.C.
- 2020-21 Secretary - Undergraduate Linguistics Course Union (UnderLings)
Department of Linguistics, University of Victoria – Victoria, B.C.

- 2019-20 Undergraduate student representative - Linguistics Chair Search Committee
Department of Linguistics, University of Victoria – Victoria, B.C.
- 2019-20 Treasurer - Undergraduate Linguistics Course Union (UnderLings)
Department of Linguistics, University of Victoria – Victoria, B.C.
- 2019 Logistics Committee Member – 35th Northwest Linguistics Conference
University of Victoria – Victoria, B.C.