

Rachel Horst

Curriculum Vitae

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The University of British Columbia
6445 University Blvd
Vancouver, BC
V6T 1Z2

8586 Redrooffs Road
Halfmoon Bay, BC
V7Z 1A9
mail@rachelhorst.ca
rachelhorst.ca

EDUCATION

- PhD 2024 Department of Language and Literacy Education, University of British Columbia, Vancouver, BC
- Dissertation: Writing the futures imaginary: Digital arts-based inquiry and the futures literacies of teacher candidates
- Committee: Kedrick James, Leah MacFadyen, Anthony Paré
- MET 2018 Master in Educational Technology (MET), University of British Columbia, Vancouver, BC
- Bed 2009 Simon Fraser University, Vancouver, BC
Specializing in Secondary Humanities and Fine Arts

FELLOWSHIPS AND AWARDS

- 2023 President's Academic Excellence Initiative PhD Award, University of British Columbia
- 2022 President's Academic Excellence Initiative PhD Award, University of British Columbia
- 2021 President's Academic Excellence Initiative PhD Award, University of British Columbia
- 2019 - 2021 Social Sciences and Humanities Research Council, Doctoral Award
- 2019 - 2022 Language and Literacy Education Department, Four Year Fellowship, University of British Columbia
- 2018 Special UBC Graduate Scholarship-Faculty of Education Entrance Scholarship, University of British Columbia
- 2018 Faculty of Education Graduate Award, University of British Columbia

PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES

Horst, R. (2023). Imagining difference: Technological posthumanist methods for arts-based futures literacies research. *Digital Culture & Education* (ISSN: 1836-8301).

<https://www.digitalcultureandeducation.com/volume-14-5-papers/horst-2023>

Ahn, C., Balyasnikova, N., **Horst, R.**, James, K., Morales, E., Takeda, Y., & Yung, E. (2023). Enhancing relationality through poetic engagement with PhoneMe: Transmodal contexts and interpretive agency. *Language and Literacy*, 23(2), 57-83.

Takeda, Y., James, K., **Horst, R.**, & Morales, E. (2023) Search and consume: Consummation of desire among the database animals. *Digital Culture & Education*.

Horst, R., James, K., Morales, E., & Takeda, Y. (2022). The intermingled meanings of PhoneMe: Exploring transmodal, place-based poetry in an online social network. *Journal of Adolescent & Adult Literacy*, 66(4), 249- 256.

Horst, R. & Gladwin, D., (2022). Multiple futures literacies: An interdisciplinary review. *Journal of Literacy Research*.

Horst, R. (2022). Writing the unwritable: Sebald and Haraway and hope through disobedience. In T. Strong-Wilson, A. Yoder, W. Crichlow, & R. Castro (Eds.) *Unsettling Complacency: Hope and ethical responsibility*. Palgrave.

Gladwin, D., **Horst, R.**, James, K., & Sameshima, P. (2022). Imagining futures literacies: A collaborative practice. *Journal of Higher Education Theory and Practice*. 22(7), (pp. 27-40).

<https://doi.org/10.33423/jhetp.v22i7>

James, K., **Horst, R.**, Takeda, Y. P., & Morales, E. (2021). The Patch: An Artful Syn(aes)thetic Mapping Of Linguistic Data Through Collaborative Digital / Analogue Literacy Processes. *McGill Journal of Education / Revue Des Sciences De l'éducation De McGill*, 55(3). Retrieved from

<https://mje.mcgill.ca/article/view/9807>

Horst, R. (2021). Narrative futuring: An experimental writing inquiry into the future imaginaries. *Art/Research International*, 6(1), 32–55. <https://doi.org/10.18432/ari29554>

Horst, R. (2021). The Treachery of Materiality: On what it's like to be a thing. *Rhizomes: Cultural Studies in Emerging Knowledge*, 37. <https://doi.org/10.20415/rhiz/037.e03>

Horst, R., James, K., Takeda, Y., & Rowluck, W. (2020). From play to creative extrapolation: Fostering emergent computational thinking in the makerspace. *Journal of Strategic Innovation and Sustainability*, 15(5), 40-54.

BOOK CHAPTERS

Community Ocean Futures Group [Rachel Horst, Jihyun Park, Dr. Katherine Reilly, Dr. Gillian Russell, Ryland Shaw and Melanie Vidakis] (2023). STORY 4: Futuring Data for Eco-Social Health. In The Tierra Común Network (Eds.) *Resisting data colonialism: A Practical Intervention*. The Institute of Network Cultures.

Horst, R. (2022). The Unadorned. In D. Conrad and S. Wiebe (Eds.), *Education Fabulations*. Palgrave.

James, K., Morales, E., **Horst, R.**, and Young, E. (2021). Text sonification and the literacoustics of language-to-MIDI. In A. Klobucar (Ed.), *The Community and the Algorithm* (pp. 101-126). Vernon Press.

CONFERENCE PRECEEDINGS

Morales, E., James, K., **Horst, R.**, Takeda, Y., & Yung, E. (2021, June 25-28). The sound of our words: Singling, a textual sonification software [Conference paper]. *The 26th International Conference on Auditory Display (ICAD)*. Online Conference.

RESEARCH PRESENTATION

INVITED TALKS

- 2024 Horst, R. (May, 2024). *Cultivating the futures imaginary: Imaginative methods and futures literacies*. Maskwacis Cultural College micro-learning series, Alberta, Treaty 6.
- 2024 Horst, R. (February 2024). *Digital arts-based research in education*. Researcher speaker series for BC Campus, Victoria, BC.
- 2021 James, K., Takeda, Y., **Horst, R.**, & Morales, E. (October 28). *Digital Arts-Based Research Methods*. LLED Graduate Research Seminar. University of British Columbia.
- 2019 James, K., Takeda, Y., **Horst, R.**, & Morales, E. *Data visualization in digital arts-based educational research*. Data Visualization with AR / VR: The IEEE Vis Meetup: Microsoft Vancouver, BC, Canada.

CONFERENCE PRESENTATIONS

- 2024 James, K., **Horst, R.**, Takeda, Y., Gladwin, D., Ellis, N. (June 16). Systems Beings: An Ontological Framework to Engage with Complexity. *Canadian Society for the Study of Education (CSSE)*. Montréal, Canada.
- 2024 **Horst, R.** (June 15). Writing the Futures Imaginary: Digital Arts-Based Inquiry and the Futures Literacies of Teacher Candidates. *Canadian Society for the Study of Education (CSSE)*. Montréal, Canada.
- 2024 **Horst, R.** (June 14). Writing the Unwritable: Sebald, Haraway, and Creative Disobedience. *Canadian Society for the Study of Education (CSSE)*. Montréal, Canada.
- 2024 **Horst, R.** & James, K. (June 14). Listen to learn and learning to listen. *Canadian Society for the Study of Education (CSSE)*. Montréal, Canada.

- 2023 **Horst, R.** & Morales, E. (November 8-11). The speculative present of AI: Implications, possibilities, and where we are(n't) going from here [Panel co-chair]. *Society for Social Studies of Science*. Honolulu, Hawaii.
- 2023 Reilly, K., Russell, G., & **Horst, R.** (November 8-11). Data in motion for a more-than-human world: Rethinking Subjectivity, Agency and Representation [Panel co-chair]. *Society for Social Studies of Science*. Honolulu, Hawaii.
- 2023 Horst, R. (November 8-11). Mapping tensions and possibility in the futures literacies of teacher candidates [Conference paper]. *Society for Social Studies of Science*. Honolulu, Hawaii.
- 2023 Horst, R. & Martin, S. (May 29). Understanding literacy practices in creative, multimodal, and digital environments through PhoneMe, a social media app for sharing poetry. *CSSE Annual Conference*. Virtual.
- 2023 Ahn, C., Balyasnikova, N., **Horst, R.**, James, K., Martin, S., Minuk, A., Rowluck, W. & Takeda, Y. (May 30). PhoneMe app: An innovative research approach to community literacy [Conference paper]. *CSSE Annual Conference*. Virtual.
- 2023 **Horst, R.**, Ahn, C., Balyasnikova, N., James, K., Martin, S., Minuk, A., Rowluck, W. & Takeda, Y. (May 17). Considering PhoneMe in Teacher Education [Conference paper]. *19th Congress of Qualitative Inquiry*. Urbana, Illinois.
- 2023 **Horst, R.** (May 29). Fictioning worlds to come: Postqualitative research, imaginative data, and posthuman futurity in teacher education. *19th Congress of Qualitative Inquiry*. Urbana, Illinois.
- 2022 James, K., Yung, E., Takeda, Y., **Horst, R.**, & Morales, E. (June 1). The conspiracy of violent and poetic futures; or digital texts, interpretation, and the imagined real [Conference paper]. *Electronic Literature Organization Conference and Media Arts Festival*, Como, Italy.
- 2022 James, K., Takeda, Y., **Horst, R.**, Morales, E., Yung, E. (May 19). The PhoneMe survey: How educators respond to place-based poetry during the COVID pandemic [Conference paper]. *50th CSSE Conference*. Virtual.
- 2022 **Horst, R.**, Gladwin, D., James, K., & Sameshima P. (May 16). Futures literacies: Creative futuring as artistic practice [Conference paper]. *50th CSSE Conference*. Virtual.
- 2022 **Horst, R.** & Morales E. (December 9) Futures imagining and the cultivation of possibility. *ESOCITE/4S Conference: Reunion, recuperation, reconfiguration* [Panel co-chair. Cholula, Mexico.
- 2022 **Horst, R.** (December 10). Futures fiction: Collaborations with the unknown [Conference paper]. *ESOCITE/4S Conference: Reunion, recuperation, reconfiguration*. Cholula, Mexico.
- 2021 Morales, E. James, K., **Horst, R.**, Takeda, Y., & Young, E. (May 30- June 3). Listen and Learn: Future methods, present possibilities, and past dilemmas for sounding texts in digital arts-based educational research [Conference paper]. *CSSE Annual Conference*. Virtual.
- 2021 **Horst, R.** (October 6-9). Futures writing as creative un/worlding [Conference paper]. *4S: Good Relations: Practices and methods in unequal and uncertain worlds*. Virtual Toronto, Ontario.

- 2021 **Horst, R.** (May 29). Theorizing posthuman futures literacies: AND as a poetics for the future(s) [Conference paper]. *Language and Literacy Researchers of Canada Pre-conference*. Virtual Alberta.
- 2021 **Horst, R.**, Gladwin, D., James, K., & Sameshima, P. (May 29-June 3). Futures literacies: A critical union of pluralities [Conference paper]. *CSSE Annual Conference*. Online.
- 2021 **Horst, R.**, James, K., Morales, E., Takeda, Y., & Young, E. (May 26-28). Sounding the futures imaginary: a collaborative intra-modal storytelling methodology [Conference paper]. *Electronic Literature Organization*. Virtual.
- 2020 James, K., Morales, E., **Horst, R.**, Takeda, Y. & Yung, E. (October 16-17). Singling live: Story music and the immanent future of sharing thoughts [Conference paper]. *AIRG 3rd International Symposium (virtual edition): Connections*. Virtual.
- 2020 **Horst, R.**, & Sechrist, S. (August 18-21). The hyperbola stories: A collaborative narrative methodology for enacting sociomateriality [Conference paper]. *EASST4S: Locating and timing matters: Significance and agency of STS in emerging worlds*. Virtual.
- 2020 **Horst, R.**, & Morales, E. (May 30-June 1). EnTwining the data: A digital arts-based representation of research [Conference paper]. *Electronic Literature Organization*. Virtual.
- 2020 **Horst, R.**, James, K., Morales, E., Takeda, Y., & Yung, E. (May 30- June 1). Singling and the Earful Yearning: A remote, digital, hyper-interactive text-to-MIDI literacoustic jam [Conference paper]. *Electronic Literature Organization*. Virtual.
- 2020 **Horst, R.**, & James, K. (April 17-21). Creative Intra-Agential Computational Thinking in Makerspace Literacy Events [Conference paper – Cancelled due to COVID-19]. American Education Research Association. San Francisco.
- 2019 **Horst, R.** (March 15-17). Performing the future through narrative [Conference paper]. Provoking Curriculum Conference. Regina, Saskatchewan.
- 2019 James, K., Pena, E., Balyasnikova, N., Moore, A., Takeda, Y., & **Horst, R.** (June 1-5). Hiding in plain sight: Material tools, digital processes and missing pedagogy. A Digital Literacy Centre symposium [Conference symposium]. *Congress, Canadian Society for the Study of Education*. University of British Columbia, Vancouver, BC, Canada.

TEACHING EXPERIENCE

SESSIONAL LECTURER

- 2024 ETEC 531, Curriculum Issues in Cultural and New Media Studies, Masters in Educational Technology Program, University of British Columbia
- 2022 LLED 459, Trends and Issues in Literacy Instruction, Teacher Education Program, University of British Columbia
- 2021 LLED 361 section 924, Literacy Practices and Assessment, Teacher Education Program, University of British Columbia
- 2021 LLED 361 section 927, Literacy Practices and Assessment, Teacher Education Program, University of British Columbia

2019 LLED 361 section 927, Literacy Practices and Assessment, Teacher Education Program, University of British Columbia

GUEST LECTURER

2023 Makerspace and digital futures (LLED 481: Digital Media in English Language Arts), University of British Columbia
2022 Makerspace and digital futures (LLED 367: Teaching Writing), University of British Columbia
2021 Makerspace and digital futures (LLED 351: Literacy Practices and Assessment – Elementary) University of British Columbia
2022 Creative futures and digital narrative (LLED 367: Teaching Writing) University of British Columbia
2022 PhoneMe Poetry (with the Digital Literacy Centre) (LLED 481: Digital Media in English Language Arts) University of British Columbia
2021 PhoneMe Poetry (with the DLC) (LLED 367: Teaching Writing), University of British Columbia
2019 PhoneMe Poetry (with the DLC) (LLED 351: Literacy Practices and Assessment – Elementary)
2022 The Patch: Multimodal collaborative digital writing (DLC) (LLED 367: Teaching Writing)
2019 The Patch: Multimodal collaborative digital writing (DLC) (LLED 565S: Digital Methods in Literacy Research)

RESEARCH AND PROFESSIONAL EXPERIENCE

RESEARCH

2018-2024 Graduate research assistant, Digital Literacy Centre (DLC), University of British Columbia.
Projects include:

- **Singling** [Participatory technological design of a text sonification platform]. This interdisciplinary project is on-going. I continue to be a co-researcher and co-applicant for future funding.
- **The PhoneMe Project** [Mobile App for place-based spoken word poetry, creative technologies]. This project is on-going. I continue to be an active co-researcher and developer of the web platform of this application.
- **The Patch Workshop** [Technologically mediated creative writing and teacher education].
- **Digital DIY** [Makerspace technologies and teacher education].

2023 Futures literacies consultant, Dr. Katherine Reilly, SFU
2022 Graduate research assistant, with Dr. Derek Gladwin, University of British Columbia
Project: *Multiple Futures Literacies: Interdisciplinary Literature Review*

CURRICULUM DEVELOPMENT

2021-2024 Lifelong Learning, Simon Fraser University, Burnaby, BC.
2024 Burnaby Neighbourhood House, Digital Literacy Initiative, Burnaby, BC.

SECONDARY SCHOOL TEACHER

2012 – 2018 Sunshine Coast Alternative School, Sechelt, BC.
2010 - 2012 Bella Bella Community School, Bella Bella, BC.

PROFESSIONAL SERVICE

JOURNAL REVIEW ACTIVITIES

2024 Co-editor for a Special Edition entitled, *Data in Motion for a more-than-human world*, in *Somatechnics: Journal of bodies – technologies – power*.
<https://www.eupublishing.com/loi/soma>
2024 Peer Reviewer, *Futures Journal*
2023 Peer Reviewer, *Digital Culture and Education*
2021 Peer Reviewer, *Art/Research International: A transdisciplinary journal*

ORGANIZATIONAL REVIEW ACTIVITIES

2019 Literacy Education Search Committee, University of British Columbia
2019 Killam Faculty Teaching Award Committee, University of British Columbia