Spencer Williams

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Education

2018–2023	**University of Washington** PhD in Human Centered Design and Engineering Dissertation: "Technology Support for Online Science Communication" Committee: Gary Hsieh, Katharina Reinecke (co-chairs), Kate Starbird, Benjamin Mako Hill (GSR)
2018–2022	**University of Washington** M.S. in Human Centered Design and Engineering
2013–2017	**University of British Columbia** B.A. Honours in Psychology 4th-year honours thesis: "The Effects of Gamma Correction on Correlation Perception in Strip Plots" (supervised by Ronald Rensink) 3rd-year honours thesis: "Gender and Status in Contexts of Physical Strength" (supervised by Steve Heine and Kate Block)
2011–2013	**Whatcom Community College** DTA (Associates in Arts and Sciences)

Experience

2023-Present	**University of Washington,** Informational School, Assistant Teaching Professor Teaching classes in HCI and informatics, conducting research in science communication.
2019-Present	**University of Washington,** HCDE, Graduate Researcher Supervisor: Gary Hsieh, Katharina Reinecke Studying how to improve science communication efforts in HCI and other fields.
Summer 2022	**Meta,** User Experience Research Intern Supervisor: Bri Hightower Conducted research on discovery features for Bulletin and the Facebook App.
Winter 2021- Summer 2021	**Microsoft,** Contractor Supervisor: Jonathan Grudin Designed use case scenarios for educational tool for K-12 students.
Summer 2019	**University of Washington,** Alacrity, Graduate Researcher Supervisors: Gary Hsieh, Amy Bauer Designed technology to improve BA treatment of depression in cancer centers.
Fall 2018	**University of Washington,** HCDE**,** Graduate Researcher Supervisor: Kate Starbird Studied journalists' strategies for navigating misinformation and disinformation.
2016-2018	**University of British Columbia,** Psychology, Project Leader

Supervisor: Ron Rensink
Studied correlation perception in different visualization types.

Winter 2017–Summer 2017	**University of British Columbia,** Psychology, Project Manager Supervisor: Kristin Laurin Studied people's rationalization of immoral behaviors.
2015-2016	**University of British Columbia,** Psychology, Research Assistant Supervisor: Steve Heine Studied effects of gender and task performance on status perception
2014-2015	**University of British Columbia,** Psychology, Research Assistant Supervisor: Colleen Brenner Studied neurological and neuropsychological data related to schizotypy

Conference and Journal Papers

2023	Zade, H., **Williams, S**., Tran, T. T., Smith, C., Venkatagiri, S., Hsieh, G., & Starbird, K. (2023). To Reply or to Quote: Comparing Conversational Framing Strategies on Twitter. ACM Journal on Computing and Sustainable Societies.
2023	Rosen, J.E., Chang, S.S.E., **Williams, S.**, Lee, J.S., Han, D., Agrawal, N., Joo, J.H., Hsieh, G., Reinecke, K. and Liao, J.M. (2023, January). Association between Risk Communication Format and Perceived Risk of Adverse Events after COVID-19 Vaccination among US Adults. In Healthcare (Vol. 11, No. 3, p. 380). MDPI.
2022	Meta-summaries effective for improving awareness and understanding of COVID-19 vaccine safety research. **Williams, S.**, Lee, J., Halperin, B., Liao, J., Hsieh, G., and Reinecke, K. (2022). Scientific Reports 12, 19987.
2022	An HCI Research Agenda for Online Science Communication. **Williams, S.**, Jones, R., Reinecke, K., and Hsieh, G. (2022). Proceedings of the ACM on Human Computer Interaction, 6, CSCW.
2021	The Effects of User Comments on Science News Engagement. **Williams, S**. and Hsieh, G. (2021). Proceedings of the ACM on Human Computer Interaction, 5, CSCW.
2021	Understanding Analytics Needs of Video Game Streamers. Mallari, K., **Williams, S.**, and Hsieh, G. (2021). In Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems.
2020	Parallel Journeys of Patients with Cancer and Depression: Challenges and Opportunities for Technology-Enabled Collaborative Care. Suh, J., **Williams, S.**, Fann, J.R., Fogarty, J., Bauer, A.M., and Hsieh, G. (2020). Proceedings of the ACM on Human Computer Interaction, 4, CSCW.

Workshop Papers, Posters, and Conference Presentations

2022	Sharif, A., Pruekcharoen, P., Ramesh, T., Shang, R., **Williams**, S., & Hsieh, G. (2022). "What's going on in Accessibility Research?" Frequencies and Trends of Disability Categories and Research Domains in Publications at ASSETS.
2020	A Parallel Journeys Perspective on Technology-Supported Depression Care for Patients with Cancer. Suh, J., **Williams, S.**, Fann, J.R., Fogarty, J., Bauer, A.M., and Hsieh, G. CHI 2020, Workshop on Technology Ecosystems & Mental Health.
2020	Information Needs of Streamers. Mallari, K., **Williams, S**., and Hsieh, G. CHI 2020, Workshop on Spectator Experience in Gaming and eSports.
2017	**Williams, S.** & Rensink, R. (2017). The effects of gamma correction on correlation perception in strip plots. Oral presentation at UBC Psychology Undergraduate Research Conference 2017.
2016	**Williams, S.**, Block, K., & Heine, S. (2016). Gender and Status in Contexts of Physical Strength. Poster presentation at UBC Psychology Undergraduate Research Conference 2016.

Teaching

University of Washington

Fall 2022	**Instructor: Experimental Research Methods** **HCDE 516.** Masters students, 1 quarter, 4 credits.
Fall 2021	**Teaching Assistant: Experimental Research Methods** **HCDE 516.** Masters students, 1 quarter, 4 credits.
Spring 2021	**Teaching Assistant: Advanced HCI** **CSE 441.** Undergraduate students, 1 quarter, 5 credits.
Winter 2021	**Teaching Assistant: Introduction to Human-Computer Interaction** **CSE 440.** Undergraduate students, 1 quarter, 5 credits.
Fall 2020	**Teaching Assistant: Introduction to Human-Computer Interaction** **CSE 440.** Undergraduate students, 1 quarter, 5 credits.
Spring 2020	**Instructor, DRG: Analyzing and Supporting Twitter-Based Science Communication**, HCDE 496/596. Undergraduate and masters students, 1 quarter, 2 credits.
Spring 2019	**Instructor, DRG: HCI, Journalism, and Misinformation**, HCDE 496/596 Undergraduate and masters students, 1 quarter, 2 credits.

Professional Service

Associate Chair

| 2023-24 | **CHI: Understanding People — Statistical and Quantitative Method Subcommittee** |

Reviewer

2020-2023	**ACM CHI**
2019-2023	**ACM CSCW**
2023	**ACM DIS**
2023	**ACM ISS**

Department and University Service

2023-2024	**Informatics Program Committee**
2020-2022	**HCDE PhD Application Reviewer**
Summer 2019	**User-centered Design Certificate Application Reviewer**
Winter 2019	**Master of Science in HCDE Application Reviewer**
Winter 2019	**HCDE PhD Visit Days Planning Committee**

Research Grants and Awards

| 2023 | **UW Center for an Informed Public Innovation Fund** |

Honors, Awards and Nominations

2021	**UW Teaching Excellence Award (nominated)**
2021	**HCDE Student Teaching Award (nominated)**
2017	**UBC Student Scholarship in Arts**