

# Spencer Williams

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## Education

- 2018–Present **University of Washington**  
PhD in Human Centered Design and Engineering
- 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

- 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            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

### Reviewer

- 2020-2022 **ACM CHI**  
2019-2022 **ACM CSCW**

### Department and University Service

2020-2022	<b>HCDE PhD Application Reviewer</b>
Summer 2019	<b>User-centered Design Certificate Application Reviewer</b>
Winter 2019	<b>Master of Science in HCDE Application Reviewer</b>
Winter 2019	<b>HCDE PhD Visit Days Planning Committee</b>

#### Honors, Awards and Nominations

2021	<b>UW Teaching Excellence Award (nominated)</b>
2021	<b>HCDE Student Teaching Award (nominated)</b>
2017	<b>UBC Student Scholarship in Arts</b>