

# Spencer Williams

sw1918@uw.edu

<https://www.sprwilliams.com/>

<https://www.linkedin.com/in/spencer-williams-2b082319b/>

## 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

- 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 **Co-Instructor: Experimental Research Methods HCDE 516.** Masters students, 1 quarter, 4 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 **Co-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

Winter 2021 **HCDE PhD Application Reviewer**  
Winter 2020 **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**

## Honors and Awards

2017 **UBC Student Scholarship in Arts**