Spencer Williams

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Education

2018–Present	**University of Washington** PhD 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	**Microsoft Corporation,** Contractor Supervisor: Jonathan Grudin Designed use case scenarios for educational tool for K-12 students.
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 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

Publications

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.

Posters and Conference Presentations (*non-archival*)

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

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**

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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** |