

University of Washington  
Department of Communication  
Box 353740, Seattle, WA, 98195

Phone: (+1) 312.925.4035  
[kaylea@uw.edu](mailto:kaylea@uw.edu)  
<https://kayleachampion.com>

## ***KAYLEA CHAMPION***

### **Education** University of Washington

2017– Ph.D in Communication [In Progress]

2017–2019. Master of Arts in Communication. Committee: Benjamin Mako Hill (Advisor), Adrienne Russell

### **University of Massachusetts Boston**

2014–2016. Master of Arts in Critical and Creative Thinking.

### **University of Chicago**

2004–2007. Master of Science in Computer Science

1994–1998. Bachelor of Arts in Near Eastern Languages and Civilizations

### **Publications** Articles in Journals and Conference Proceedings

Champion, Kaylea and Benjamin Mako Hill (2021) “Underproduction: An approach for measuring risk in open source software.” 28th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER). DOI:10.1109/SANER50967.2021.00043 Preprint: <https://arxiv.org/abs/2103.00352>

Champion, Kaylea. (2020) “Characterizing Online Vandalism: A Rational Choice Perspective.” 11th International Conference on Social Media & Society. SM-Society, held virtually, July 2020. <https://doi.org/10.1145/3400806.3400813>

Tran, Chau, **Kaylea Champion**, Andrea Forte, Benjamin Mako Hill, and Rachel Greenstadt. (2020) “Are anonymity-seekers just like everybody else? An analysis of contributions to Wikipedia from Tor.” IEEE Symposium on Security and Privacy

Champion, Kaylea, Nora McDonald, Stephanie Bankes, Joseph Zhang, Rachel Greenstadt, Andrea Forte, Benjamin Mako Hill. (2019). “A forensic qualitative analysis of contributions to Wikipedia from anonymity seeking users.” Proceedings of the ACM on Human-Computer Interaction. CSCW Austin, Texas, November 9-13 2019.

Champion, Kaylea and Olen Gunnlaugson. (2018) “Fostering generative conversation in higher education course discussion boards.” Innovations in Education and Teaching International. 55 (6), 704-712

### **Datasets**

Champion, Kaylea; Khatri, Sejal; Hill, Benjamin Mako. (2021) “Replication data for: Qualities of quality: A tertiary review of software quality measurement research”, <https://doi.org/10.7910/DVN/XPOUO4>, Harvard Dataverse.

Champion, Kaylea and Benjamin Mako Hill. (2021). “Replication data and online supplement for: Underproduction: An Approach for Measuring Risk in Open Source software”. Harvard Dataverse. <https://doi.org/10.7910/DVN/PUCD2P>

Tran, Chau; **Champion, Kaylea**; Forte, Andrea; Hill, Benjamin Mako; Greenstadt, Rachel, 2020, "Replication Data for Are anonymity-seekers just like everybody else? An analysis of contributions to Wikipedia from Tor", <https://doi.org/10.7910/DVN/O8RKO2>, Harvard Dataverse

**Selected Presentations** **Refereed Paper Presentations (Non-Archival)**

Presenting authors are marked a "\*" in the list below.

Champion, Kaylea\* and Benjamin Mako Hill. "Writing what they don't read? Production misalignment in Wikipedia." Computational Methods, International Communication Association Annual Meeting (ICA 2020), held virtually, May 21-25, 2020.

**Invited Talks**

2021, Fall. The Digital Infrastructure Podcast. "Kaylea Champion and Mako Hill on Detecting Risk in Digital Infrastructure." Available at <https://dif.fireside.fm/2>.

2021, Fall. The Metagovernance Seminar. "Information Public Goods: Two Governance Challenges." Available at <https://archive.org/embed/champion-metagov>.

**Teaching** **Teaching Assistant**

2017, Fall. Introduction to Communication. Facilitated discussions, graded essays, and supported learning of 100 students in 3 sections. Supervised by Lisa Coutu.  
2022, Winter. ((course title)). ((activities)). Supervised by Benjamin Mako Hill.

**Directed Research Group Leadership**

2020, Fall. Mapping the Covid-19 Information Landscape. Taught 5 undergraduate students research methods and led them in a mixed methods research project to analyze search engine response data collected during the pandemic. Supervised by Benjamin Mako Hill.

2021, Winter. Mapping the Covid-19 Information Landscape. Taught 3 undergraduate students research methods and scientific communication while leading the authorship of a mixed methods research paper analyzing search engine response data collected during the pandemic. Supervised by Benjamin Mako Hill.

**Workshops & Seminars**

2017— Social Computing Reading Group, University of Washington. [Facilitator, 2019-2020]

2017. Science in a Changing World Workshop, University of Massachusetts Boston

**Professional Research Affiliations****Affiliations**

2017–. Member, *Community Data Science Collective*.

2017–. Member, *Design Use Build (dub)*, Human Computer Interaction Group, University of Washington.

**Professional Organization Membership**

2021— Member, *Association of Internet Researchers*

2020— Member, *International Communication Association*. Section Membership: Computational Methods, Communication and Technology, Organizational Communication.

2019— Member, *Association for Computing Machinery*. Section Membership: SIGCHI, CSCW.

**Service Service to Profession**

I have served as a reviewer for a number of journals and conferences in communication, human computer interaction, and information systems including (in alphabetical order):

AMCIS 2020 (2),

CHI 2019 (1), 2021\* (2),

CSCW 2020\* (4), 2021\*\* (4), 2022 (2),

ICA Annual Meeting 2019 (6), 2020 (3),

ICWSM 2021 (1),

PLOS ONE 2021 (1),

TOCHI 2021 (1).

Numbers in parentheses indicate quantity of reviews contributed but does not include multiple rounds of review in the case of resubmission decisions; \* indicates recognition for outstanding reviews. Many of these venues allow for revise and resubmit; in those cases each paper is only counted once.

**Employment Leadership and Management****Experience**

2012—2014 Director, Digital Media & Classroom Technologies, University of Chicago

2010—2012 Director, Collaborative & Academic Technologies, University of Chicago

2007—2010 Director, Scholarly Technology & Research Computing, University of Chicago

**Public Service Community-Facing Research Talks****Activities**

2021, Fall : *SeaGL: Seattle GNU/Linux Users Conference* “TIL...: 10+ Findings from 2021 Global FLOSS Research in Five Minutes.” Presentation live-streamed and recorded.

2021, Fall: *CHAOSSCon North America 21 Linux Foundation Metrics Community Conference*. “From Metrics to Insights: Detecting Software Infrastructure Risk”. Presentation in-person, livestreamed and recorded.

2021, Summer: *DebConf 21 Debian Community Conference*. “At-Risk Software in Debian.” Presentation livestreamed and recorded, extended post-talk discussion livestreamed and conducted via chat.

- 2021, Spring: *DEF CON 201* New Jersey-area technology enthusiasts group. “Detecting quality problems in Free/Libre Open Source Software.” Presentation and interview livestreamed and recorded.
- 2021, Spring: *OpenSSF Securing Critical Infrastructure Workgroup* OpenSSF is a Linux Foundation project seeking to develop solutions to critical but neglected software. Presentation livestreamed and recorded.
- 2020, Fall: *SEAGL: Seattle Gnu/Linux Users Conference* “How to build a zombie detector: Identifying software quality problems.” Presentation in-person and recorded.
- 2019, Spring: *Linux Fest Northwest*. “Baling Wire, Bailing Buckets, or Bailing Out? Signs of risk (and health) in FLOSS.” Presentation in-person and recorded.

### Community Service

- 2021—2022 *Shoreline Public Schools* Science Curriculum Adoption Committee
- 2016—2018 *Minds Matter* Writing and Critical Thinking Instructor.
- 2014—2015 *Museum of Science and Industry* Evaluation & Research Volunteer.
- 2014—2015 *Chicago Public Schools* Literacy Skills Tutor.

### Press

- 2021-03-30. *Hacker News* featured the preprint of “Underproduction: An Approach to Measuring Risk in Open Source Software” on the front page.
- 2020-12-02. Monika Sengul-Jones. Harnessing Wikipedia’s superpowers for journalism. *DataJournalism.com*.
- 2020-06-25. Antonela Debiasi. The value of Tor and anonymous contributions to Wikipedia. *Tor Project Blog*. Article was then featured on the front page of *Hacker News* and *Slashdot*.