Emma S. Spiro

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RESEARCH INTERESTS

Rumors, misinformation, social networks, computational social science, crisis informatics, mathematical sociology, social media, communication and information technology and behavioral trace/online data collection.

EDUCATION

University of California, Irvine, CA

Ph.D., Sociology   December 2013

- *Communication and Affective Dynamics During Crisis Events: Measuring the Public's Online Response*
- Committee: Carter T. Butts (Chair), Katherine Faust, Padhraic Smyth
- Examination Fields: Social Networks, Populations and Demography

M.A., Mathematical Behavioral Sciences   March 2011

Pomona College, Claremont, CA
B.A., Mathematics   May 2007
B.A., Science, Technology and Society   May 2007

APPOINTMENTS

Information School, University of Washington, Seattle, WA
Associate Professor   September 2020-present
Assistant Professor   January 2014-August 2020
Acting Assistant Professor   September 2013-December 2013

Department of Human Centered Design & Engineering, University of Washington
Adjunct Associate Professor   March 2021-present

Department of Sociology, University of Washington
Adjunct Associate Professor   September 2020-present
Adjunct Assistant Professor   January 2014-August 2020

Center for an Informed Public, University of Washington   December 2019 -present
Co-Founder, Executive Council Member & Research Lead

College of Graduate Studies, University of Central Florida   2023
Graduate Faculty Scholar

University of Washington, Seattle, WA   September 2021-March 2022
Interim Associate Dean for Research, Information School

Microsoft Research, Redmond, WA   May 2013-August 2013
Research Intern, FUSE Labs
Supervisors: Shelly Farnham and Andrés Monroy-Hernández

University of California, Irvine, CA   September 2012-May 2013
Graduate Student Fellow, Center for Networks and Relational Analysis

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University of California, Irvine, CA   January 2009-May 2013
Graduate Student Researcher, Department of Sociology
Supervisor: Carter T. Butts

CURRENT
AFFILIATIONS
Information School, University of Washington
Department of Sociology, University of Washington
Department of Human Centered Design and Engineering, University of Washington
Center for Statistics and the Social Sciences, University of Washington
Center for Studies in Demography and Ecology, University of Washington
eScience Institute, University of Washington
Data Science and Analytics Lab, Information School, University of Washington
Social Media Lab, Information School, University of Washington
Center for an Informed Public, University of Washington

FUNDING

APPROXIMATE FUNDING TOTAL: $18,740,000.00

EXTERNAL FUNDING

Starbird, K. (PI) and **Emma S. Spiro** (Co-PI).(06/2024-12/2024) "Collaborative Research: Building Rapid-Response Frameworks to Support Multi-Stakeholder Collaborations for Mitigating Online Disinformation." National Science Foundation. REU Supplement [IIS-SaTC #2120496]: $20,000

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro**, (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2023-2025) Center for an Informed Public. Hewlett Foundation. $1,000,000.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro**, (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2022-2023) "Center for an Informed Public." Hewlett Foundation. $600,000.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro**, (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2022) "Center for an Informed Public." Microsoft. $250,000.00

West, J. (PI), K. Davis (Co-PI), **Emma S. Spiro** (Co-PI), S. Woolley (Co-PI), and A. Arif (Co-PI). (10/2021 - 09/2022). "Co-Designing for Trust: Reimagining Online Information Literacies with Underserved Communities." National Science Foundation. [Convergence Accelerator Track F Phase I #2137519]: $750,000.00

Starbird, K. (PI), **Emma S. Spiro** (Co-PI), West, J. (Co-PI), and Handcock, J. (Co-PI). (10/2021-09/2026) "Collaborative Research: Building Rapid-Response Frameworks to Support Multi-Stakeholder Collaborations for Mitigating Online Disinformation." National Science Foundation. [IIS-SaTC #2120496]: $2,249,918.00

Weber, N. (PI), C. Palmer (Co-PI), **Emma S. Spiro** (Co-PI), C. Coward (Co-PI). (01/2021-05/2021) "Co-Designing Protocols for Data Creation, Analysis, and Use among Local Care Networks in Seattle and Boston to Enhance Disaster Resilience." National Science Foundation [SCC-CIVIC-PG Track B]: $49,997.00

Emma S. Spiro (PI), Starbird, K. (Co-PI) and West, J. (Co-PI). (04/2020-03/2021) "RAPID: How Scientific Data, Knowledge, and Expertise Mobilize in Online Media during the COVID-19 Crisis." National Science Foundation [#IIS-SaTC]: $197,538.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro,** (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2021) "Center for an Informed Public." Craig Newmark Philanthropies. $1,000,000.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro,** (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2021) "Center for an Informed Public." Microsoft. $105,000.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro,** (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2020) "Center for an Informed Public." Omidyar Group. $68,449.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro,** (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (2019-2022) "Center for an Informed Public." Hewlett Foundation. $600,000.00

Calo, R. (Co-PI), C. Coward (Co-PI), **Emma S. Spiro,** (Co-PI), K. Starbird, (Co-PI), and J. West (Co-PI). (09/2019-08/2025) "Center for an Informed Public." Knight Foundation. $5,000,000.00

Emma S. Spiro (PI), and K. Starbird (Co-PI). (06/2019-09/2019) "CHS-Small: Research Experience for Undergraduates - Tracking and Unpacking Rumor Permutations to Understand Collective Sensemaking Online." National Science Foundation [#IIS-1715078]: $16,000.00

Spiro, Emma S. (PI), and K. Starbird, (Co-PI). (09/2017-08/2019) "CHS-Small: Tracking and Unpacking Rumor Permutations to Understand Collective Sensemaking Online." National Science Foundation [#IIS-1715078]: $494,188.00

Starbird, K. (PI), and **Emma S. Spiro** (Co-PI). (06/2016-09/2016) "CHS-Small: Research Experience for Undergraduates - Detecting Misinformation Flows in Social Media Spaces During Crisis Events." National Science Foundation [#IIS-1420255]: $16,000.00

Spiro, Emma S. (PI). (07/2015-07/2018) "Mass Convergence of Attention During Crisis Events: Degree Dynamics and Emergency Response in Online Settings." Army Research Office (ARO) Young Investigator Program: $149,997.00

Spiro, Emma S. (PI), and K. Starbird (Co-PI). (09/2015-09/2016) "Detecting Misinformation Flows in Social Media Spaces During Crisis Events." Microsoft Research Azure Research Award: $20,000.00

Starbird, K. (PI), and **Emma S. Spiro** (Co-PI). (06/2015-09/2015) "CHS-Small: Research Experience for Undergraduates - Detecting Misinformation Flows in Social Media Spaces During Crisis Events." National Science Foundation [#IIS-1420255]: $32,000.00

Starbird, K. (PI), **Emma S. Spiro** (Co-PI), and R. Mason (Co-PI). (09/2014-09/2016) "CHS-Small: Detecting Misinformation Flows in Social Media Spaces During Crisis Events." National Science Foundation [#IIS-1420255]: $515,046.00

INTERNAL COMPETITIVE FUNDING

Weber, N. (PI) and **Emma S. Spiro** Co-PI. (02/2024 - 12/2024). "DSCO Lightboard Project". Information School Innovation Award, University of Washington. $7,500.

Swan, A. (PI) et al. and **Emma S. Spiro** (Co-PI). (07/2023-03/2024) "Documenting the Impact of Abortion Myths on Healthcare Providers and Advocates." Population Health Initiative, University of Washington. $25,000.00

Spiro, Emma S. (PI), and J.H. Lee (Co-PI). (09/2020-03/2021) "Fandom and Mis/Disinformation." University of Washington Center for an Informed Public Innovation Fund: $18,615.00

Emma S. Spiro (Co-PI), Starbird, K. (Co-PI) and West, J. (Co-PI). (05/2020-09/2020) "Rumor Dynamics Online during the COVID-19 Crisis." Population Health Initiative, University of Washington. $25,972.00

Spiro, Emma S. (PI), and L. Stewart (Co-PI). (01/2020-12/2020) "Community-Centric Quantitative Methods for Trans Populations." University of Washington Information School Strategic Research Award: $15,000.00

Weber, N. (Co-PI), **Emma S. Spiro** (Co-PI), and P. Krafft (Co-PI). (06/2019-12/2019). "Municipal Technology Policy: Algorithms and Accountability in Practice." University of Washington Information School Innovation Fund Award. $8,000.

Spiro, Emma S. (PI). (01/2017-12/2017) "Social Networks and Health Behavior in Online Activity Platforms." University of Washington Information School Strategic Research Award: $14,999.00

Spiro, Emma S. (Co-PI), H. Lee (Co-PI), and T. McCormick (Co-PI). (2015) "Rethinking Data in Sociology Speaker Series." Jointly Funded by the Information and Society Center (iSchool) and the Department of Sociology, University of Washington, and Context Relevant: $15,000.00

SENIOR/KEY PERSONNEL AND OTHER ROLES

Young, J (PI), S. Glaze (Co-PI), J. West (Co-PI), K. Davis (Co-PI), A. Arif (Co-PI), et al. **Emma S. Spiro** (Sr. Personnel). (10/2022-09/2024). "Co-designing for Trust: Reimagining Online Information Literacies with Underserved Communities." National Science Foundation. [Convergence Accelerator Track F Phase II #2230616]: $5,000,000.00

Mitra, T. (PI), **Emma S. Spiro** (Key Personnel). (07/2021-09/2023). Influencing Communities and Narratives: New Techniques for Understanding Adversarial Influence Online. Office of Naval Research, Department of Defense. $508,476.00

JOURNAL ARTICLES

[J21] Beers, A., S. Nguyen, K, Starbird, J. West and **Emma S. Spiro**. (2023). "Selective and deceptive citation in the construction of dueling consensuses." *Science Advances.* https://www.science.org/doi/full/10.1126/sciadv.adh1933

[J20] Zhou, K., T. Wilson, **Emma S. Spiro**, and K. Starbird. (2023). "Spotlight Tweets: A Lens for Exploring Attention Dynamics within Online Sensemaking during Crisis Events." *ACM Transactions on Social Computing.* https://dl.acm.org/doi/10.1145/3577213

[J19] Lee, J.H., N. Santero, A. Bhattacharya, E. May, and **Emma S. Spiro**. (2022). "Community-based strategies for combating misinformation: Learning from a popular culture fandom." *Harvard, Kennedy School, Misinformation Review.* https://bit.ly/3RiSqy1

[J18] Ford, J., D. Marengo, M. Olff, C. Armour, J. Elhai, Z. Almquist, and **Emma S. Spiro**. (2022). "Temporal Trends in Health Worker Social Media Communication During the COVID-19 Pandemic." *Research in Nursing & Health.* Vol. 45(6), pp. 636-651. https://doi.org/10.1002/nur.22266

[J17] Bak-Coleman, J., I. Kennedy, M. Wack, A. Beers, J. Schafer, **Emma S. Spiro**, K. Starbird and J. West. (2022). Combining interventions to reduce the spread of viral misinformation. *Nature Human Behavior.*
https://doi.org/10.1038/s41562-022-01388-6

[J16] Kennedy, I., M. Wack, A. Beers, J. Schafer, I. Garcia-Camargo, **Emma S. Spiro**, and K. Starbird. (2022). "Repeat spreaders and Delegitimization narratives: A Comprehensive Dataset of Misinformation Tweets from the 2020 Election". *Journal of Quantitative Description: Digital Media.*
https://doi.org/10.51685/jqd.2022.013

[J15] Almquist, Z.W., S. Arya, L. Zeng, and **Emma S. Spiro**. (2019). "Unbiased sampling of users from (online) activity data." *Field Methods.* Vol. 31(1), pp. 23-38. https://doi.org/10.1177/1525822X18799426

[J14] Litt, D. M., M.A. Lewis, **Emma S. Spiro**, L. Aulck, K. Waldron, A. Swanson, and M.K. Head-Corliss. (2018). #drunktwitter: An examination of the relationship between self-reported drinking behavior and publicly available Twitter activity. *Drug and Alcohol Dependence.* Vol. 193, pp. 75-82.
https://doi.org/10.1016/j.drugalcdep.2018.08.021

[J13] Cesare, N., H. Lee, T. McCormick, **Emma S. Spiro**, and T. Zagheni. (2018). "'Data in the wild': promises and pitfalls of using big social data for demographic research." *Demography.* Vol 55(5), pp. 1979-1999. (Alphabetical authorship.)
https://doi.org/10.1007/s13524-018-0715-2

[J12] **Spiro, Emma S.** and A. Monroy-Hernández. (2016). "Shifting stakes: understanding the dynamic roles of individuals and organizations in social media protests." *PLoS ONE* 11(10): e0165387. https://doi.org/10.1371/journal.pone.0165387

[J11] Fitzhugh, S.M., C.B. Gibson, **Emma S. Spiro**, and C.T. Butts. (2016). "Spatio-temporal filtering techniques for the detection of disaster-related communication." *Social Science Research.* Vol. 59, pp. 137-154.
https://doi.org/10.1016/j.ssresearch.2016.04.023

[J10] Reed, P., **Emma S. Spiro**, and C.T. Butts. (2016). "Thumbs up for privacy?: Differences in online self-disclosure behavior across national cultures." *Social Science Research.* Vol. 59, pp. 155-170.
https://doi.org/10.1016/j.ssresearch.2016.04.022

[J9] **Spiro, Emma S.**, Z.W. Almquist, and C.T. Butts. (2016). "The persistence of division: Geography, institutions, and online friendship ties." *Socius: Sociological Research for a Dynamic World.* Vol 2, pp. 1-15.
https://doi.org/10.1177/2378023116634340

[J8] **Spiro, Emma S.** (2016). "Research opportunities at the intersection of social media and survey data." *Current Opinion in Psychology, Special Issue on Social Media & Applications to Health Behavior.* Vol 9, pp. 67-71.
https://doi.org/10.1016/j.copsyc.2015.10.023

[J7] Sutton, J., C.B. Gibson, N.E. Phillips, **Emma S. Spiro**, C. League, B. Johnson, S.M. Fitzhugh, and C.T. Butts. (2015). "A cross-hazard analysis of terse message retransmission on Twitter." *Proceedings of the National Academy of Sciences*, Vol. 112(48), pp. 14793-14798. https://doi.org/10.1073/pnas.1508916112

[J6] McCormick, T., H. Lee, N. Cesare, A. Shojaie, and **Emma S. Spiro**. (2015). "Using Twitter for demographic and social science research: Tools for data collection." *Sociological Methods and Research*, Vol 46(3), pp. 390-421.
https://doi.org/10.1177/0049124115605339

[J5] Sutton, J., C.B. Gibson, **Emma S. Spiro**, C. League, S. Fitzhugh, and C.T. Butts. (2015). "What it takes to get passed on: Message content, style, and structure as predictors of retransmission in the Boston marathon bombing response." *PLOS ONE*, Vol. 10(8): e0134452. https://doi.org/10.1371/journal.pone.0134452

[J4] Sutton, J., **Emma S. Spiro**, B. Johnson, S. Fitzhugh, C.B. Gibson, and C.T. Butts. (2014). "Warning tweets: serial transmission of warning messages during a disaster event." *Information, Communication, and Society,* Vol. 17, Issue 6. https://doi.org/10.1080/1369118X.2013.862561

[J3] Sutton, J., **Emma S. Spiro**, M. Greczek, B. Johnson, S. Fitzhugh, and C.T. Butts. (2013). "Tweeting the spill." *International Journal of Information Systems for Crisis Response and Management.* Vol 5(1), pp. 58-76. https://doi.org/10.4018/jiscrm.2013010104

[J2] **Spiro, Emma S.**, R. M. Acton, and C.T. Butts. (2013). "Extended structures of mediation: Re-examining brokerage in dynamic networks." *Social Networks*, Vol. 35, pp. 130-143. https://doi.org/10.1016/j.socnet.2013.02.001

[J1] Eppstein, D. and **Emma S. Spiro**. (2012). "The h-index of a graph and its application to dynamic subgraph statistics." *Journal of Graph Algorithms and Applications.* Vol. 16, no. 2, pp. 543-567. http://dx.doi.org/10.7155/jgaa.00273

PEER REVIEWED CONFERENCE PAPERS

[P32] Moran, R., S. Venkatagiri, E.S. Spiro, and K Starbird. (2025). "Privacy versus Transparency: Navigating Public Records Requests and Adversarial Dynamics in a Distributed Multi-Stakeholder Collaboration". Proceedings of the ACM CSCW.

[P31] Engel, K., T. Mitra and **E.S. Spiro**. (2025). "Social Dynamics and Mobilization Potential of Online Election Narratives." *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM).*

[P30] Duskin, K., J. Schafer, J. West, and E.S. Spiro. (2024). "Echo Chambers in the Age of Algorithms: An Audit of Twitters Friend Recommender System." In Proceedings of the 16th ACM Web Science Conference (WebSci'24). Stuttgart, Germany.

[P29] Register, Y., I. Grasso, L. Weingarten, L. Fury, E.C. Chinea, T. Malloy and **Emma S. Spiro**. (2024). "Beyond Initial Removal: Lasting Impacts of Discriminatory Content Moderation to Marginalized Creators on Instagram." Proceedings of the ACM CSCW.

[P28] Register, Y., L. Liu, A. Baughan, and **Emma S. Spiro**. (2023). "The Algorithm": Making Sense of Algorithmic Precarity on Instagram." *In Proceedings of the ACM CHI Conference on Human Factors in Computing Systems.* Hamburg, Germany.

[P27] Beers, A., J. Schafer, I. Kennedy, **Emma S. Spiro**, and K. Starbird. (2023). "Followback Clusters, Satellite Audiences, and Bridge Nodes: Coengagement Networks for the 2020 US Election." *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM).*

[P26] Register, Y. and **Emma S. Spiro**. (2022) "Developing Self-Advocacy Skills through Machine Learning Education: The Case of Ad Recommendation on Facebook." *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)*, 16(1), 817-828.

[P25] Stewart, LG., and **Emma S. Spiro**. (2021). "Nobody Puts Redditor in a Binary: Digital Demography, Collective Identities, and Gender in a Subreddit Network." Proc. ACM Hum.-Comput. Interact., Vol. 5, No. CSCW1, Article 8.

[P24] Zeng, L., D. Dailey, O. Mohamed, K. Starbird, and **Emma S. Spiro**. (2019). "Detecting Journalism in the Age of Social Media: Three Experiments in Classifying Journalists on Twitter." *In Proceedings of the International Conference on Web and Social Media (ICWSM)*. Munich, Germany.

[P23] Krafft, P., and **Emma S. Spiro.** (2019). "Keeping Rumors in Proportion: Managing Uncertainty in Rumor Systems." *In Proceedings of the ACM CHI Conference on Human Factors in Computing Systems.* Glasgow, United Kingdom.

[P22] Zeng, L., Z. Almquist, and **Emma S. Spiro**. (2019). "'Friending' in Online Fitness Communities: Exploring Activity-Based Online Network Structure." *In Proceedings of the 52nd Hawaii International Conference on System Sciences (HICSS).* IEEE Computer Society. Kauai, Hawaii.

🏆 [P21] Zeng, L., Z.W. Almquist, and **Emma S. Spiro**. (2018). "Stay Connected and Keep Motivated: Modeling Activity Level of Exercise in an Online Fitness Community." *In Lecture Notes in Computer Sciences Proceedings of the HCI International Conference.* Las Vegas, Nevada. Best Paper Award of the 10th International Conference on Social Computing and Social Media

[P20] Starbird, K., D. Dailey, O. Mohamed, G. Lee, and **Emma S. Spiro**. (2018). "Engage Early, Correct More: How Journalists Participate in False Rumors Online during Crisis Events." *In Proceedings of the ACM CHI Conference on Human Factors in Computing Systems.* Montreal, Canada.

[P19] Stewart, LG., A. Arif, A.C. Nied, **Emma S. Spiro**, and K. Starbird. (2017). "Drawing the Lines of Contention: Networked Frame Contests Within #BlackLivesMatter Discourse." PACMHCI. 1, CSCW, Article 122 (November), 23 pages.

[P18] Wilson, T., S.A. Stanek, **Emma S. Spiro**, and K. Starbird. (2017). "Language Limitations in Rumor Research? Comparing French and English Tweets Sent During the 2015 Paris Attacks. *In Proceedings of the 14th International Conference on Information Systems for Crisis Response and Management (ISCRAM).* Albi, France.

[P17] Krafft, P., K. Zhou, I. Edwards, K. Starbird, and **Emma S. Spiro**. (2017). "Centralized, Parallel, and Distributed Information Processing during Collective Sensemaking." *In Proceedings of the ACM CHI Conference on Human Factors in Computing Systems.* Denver, Colorado.

🔖 [P16] Zeng, L., Z.W. Almquist, and **Emma S. Spiro**. (2017). "Let's Workout! Exploring Social Exercise in an Online Fitness Community." *In Proceedings of the iConference.* Wuhan, China. Lee Dirks Best Paper Award Finalist

[P15] Cesare, N., **Emma S. Spiro**, H. Lee, and T. McCormick. (2016). "Examining Community Policing on Twitter: Precinct Use and Community Response." (2016). *In Proceedings of the International Conference on Social Informatics (SocInfo).* Seattle, Washington.

[P14] Zeng, L., K. Starbird, and **Emma S. Spiro**. (2016). "#Unconfirmed: Classifying Rumor Stance in Crisis-Related Social Media Messages." *In Proceedings of the International Conference on Web and Social Media (ICWSM), Poster Paper.* Cologne, Germany.

[P13] **Spiro, Emma S.,** J.N. Matias, and A. Monroy-Hernández. (2016). "Networks of Gratitude: Structures of Thanks and User Expectations in Workplace Appreciation Systems." *In Proceedings of the International Conference on Web and Social Media (ICWSM).* Cologne, Germany.

[P12] Majid, A.M., and **Emma S. Spiro** (2016). "Crisis in a Foreign Language: Emergency Services and Limited English Populations." *In Proceedings of the International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rio de Janeiro, Brazil.

[P11] Starbird, K., **Emma S. Spiro**, I. Edwards, K. Zhou, J. Maddock, and S. Narasimhan. (2016). "Could this be true? I think so! Expressed Uncertainty in Online Rumoring." *In Proceedings of the ACM CHI Conference on Human Factors in Computing Systems*. San Jose, California.

🔖 [P10] Andrews, C., E. Fichet, S. Ding, **Emma S. Spiro** and K. Starbird. (2016). "Keeping Up with the Tweet-dashians: The Impact of 'Official' Accounts on Online Rumoring." *In Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*. San Francisco, California. Honorable Mention Paper, (Top 5%)

[P9] Arif, A., K. Shanahan, R. Chou, S. Dosouto, K. Starbird, and **Emma S. Spiro**. (2016). "How Information Snowballs: Exploring the Role of Exposure in Online Rumor Propagation." *In Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*. San Francisco, California.

[P8] Zeng, L., K. Starbird, and **Emma S. Spiro**. (2016). "Rumors at the Speed of Light? Modeling the Rate of Rumor Transmission during Crisis." *In Proceedings of the 49th Hawaii International Conference on Systems Science (HICSS)*. IEEE Computer Society. Kauai, Hawaii.

[P7] Starbird, K., **Emma S. Spiro**, A. Arif, R. Chou, S. Narasimhan, J. Maddock, K. Shanahan, and J. Robinson. (2015). "Expressed Uncertainty and Denials as Signals of Online Rumoring." *In Proceedings of the Collective Intelligence Conference*. Santa Clara, California.

[P6] **Spiro, Emma S.**, J. Sutton, S. Fitzhugh, and C.T. Butts. (2014). "Online Communication Dynamics During Natural Hazard Events." *In Proceedings of the International Communication Association Annual Conference*. Seattle, Washington.

[P5] Sutton, J., **Emma S. Spiro**, B. Johnson, S. Fitzhugh, C.B. Gibson, and C.T. Butts. (2014). "Terse Message Amplification in the Boston Bombing Response." *In Proceedings of the International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. University Park, Pennsylvania.

[P4] Rzeszotarski, J., **Emma S. Spiro**, J. Matias, A. Monroy-Hernandez, M. Morris. (2014). "Is Anyone Out There? Unpacking Q&A Hashtags on Twitter." *In Proceedings of the ACM CHI Conference on Human Factors in Computing Systems, Note*. Toronto, Canada.

🏆 [P3] **Spiro, Emma S.**, J. Sutton, S. Fitzhugh, M. Greczek, N. Pierski, and C.T. Butts. (2012). "Rumoring During Extreme Events: A Case Study of Deepwater Horizon 2010." *In Proceedings of the ACM Web Science 2012 Conference (WebSci12)*. Evanston, Illinois. Best Social Science Student Paper Award

[P2] Sutton, J., **Emma S. Spiro**, M. Greczek, B. Johnson, S. Fitzhugh, and C.T. Butts. (2012). "Connected Communications: Network Structures of Official Communications in Disaster." *In Proceedings of the 9th International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Vancouver, Canada.

[P1] Eppstein, D., and **Emma S. Spiro**. (2009). "The h-Index of a Graph and its Application to Dynamic Subgraph Statistics." Algorithms and Data Structures

Symposium (WADS), Banff, Canada. *Lecture Notes in Computer Science* 5664, pp. 278-289.

INVITED ARTICLES [A5] **Emma S. Spiro** and K. Starbird. (2024). "Rumors have Rules." American Scientist. https://www.americanscientist.org/article/rumors-have-rules. Adapted with permission from *Issues in Science and Technology*.

[A4] **Emma S. Spiro** and K. Starbird. (2023). "Rumors have Rules." Issues in Science and Technology 39, no. 3 (Spring 2023): 4749. https://doi.org/10.58875/CXGL5395.

[A3] Starbird, K., M. Caulfield, R. DiResta, **Emma S. Spiro**, M. Jalbert and M. Grass. (2022). "What makes an election rumor go viral? Look at these 10 factors." Neiman Lab. Available at: https://www.niemanlab.org/2022/10/election-rumors-gone-vira

[A2] Calo, R., Coward, C., **Emma S. Spiro**, Starbird, K., and West, J. D. (2021). "How do you solve a problem like misinformation?". Science Advances, 7(50). https://doi.org/10.1126/sciadv.abn0481

[A1] Starbird, K., **Emma S. Spiro**, and Kolina Koltai. (2020). "Misinformation, Crisis, and Public HealthReviewing the Literature." V1.0. Social Science Research Council, MediaWell. June 25, 2020. http://doi.org/10.35650/MD.2063.d.2020

BOOK CHAPTERS [C4] **Spiro, Emma S.** (In press). "Communication During Crisis: Examining the Dynamics of Rumors Online". Handbook of Computational Social Science. Edward Elgar Publishing (EEP).

[C3] **Spiro, Emma S.** (2020). "Online Communication During Crisis Events." Eds. B. Foucault-Wells and S. González-Bailón. *The Oxford Handbook of Networked Communication.* Oxford, UK: Oxford University Press. https://doi.org/10.1093/oxfordhb/9780190460518.001.0001

[C2] Almquist Z. W., **Emma S. Spiro**, and C.T. Butts. (2016). "Shifting Attention: Modeling Follower Relationship Dynamics among US Emergency Management-related Organizations." Eds. Eric Jones and AJ Faas. Elsevier. *Social Network Analysis of Disaster Response, Recovery, and Adaptation.* https://doi.org/10.1016/C2015-0-04540-3

[C1] Sutton, J., C.B. Gibson, **Emma S. Spiro**, C. League, S. Fitzhugh, and C.T. Butts. (2016). "What it Takes to Get Passed On: Message Content, Style, and Structure as Predictors of Retransmission in the Boston Marathon Bombing Response." *Effective Communication During Disasters: Making Use of Technology, Media, and Human Resources* Eds. Girish Bobby Kapur, Sarah Bezek, and Jonathan Dyal. Apple Academic Press Inc.

EDITED VOLUMES [V1] **Spiro, Emma S.**, and Yong-Yeol Ahn. (2016). *Social Informatics, 8th International Conference, SocInfo 2016 Proceedings, Part I and II.* Lecture Notes in Computer Science. Bellevue, WA, USA.

WORKSHOP PAPERS [W9] Moran, R., J. Simoes, T. Agajanian, I. Grasso, A. Swarr, A. Beers, and **Emma S. Spiro**. (2024). "Documenting the Impact of Abortion Myths on Healthcare Providers and Advocates" *Paper presented at AoIR 2024* Retrieved from http://spir.aoir.org.

[W8] Beers,, A., S. Nguyen, **Emma S. Spiro**, and K. Starbird. (2021). "Rejecting Science with Science: Boundary-Work in Anti-Mask Twitter Reply Threads During COVID-19." *Paper presented at AoIR 2021: The 22nd Annual Conference of the Association of Internet Researchers.* Virtual Event: AoIR. Retrieved from http://spir.aoir.org.

[W7] Beers, A., S. Nguyen, S., M. Sioson, M., M. Mayanja, M. Ionescu, **Emma S. Spiro**, and K. Starbird, K. (2021). "The Firestarting Troll, and Designing for Abusability. Workshop on Information Credibility and Alternate Realities. *15th International Conference on Web and Social Media (ICWSM).*

[W6] A.C. Nied, L. Stewart, **Emma S. Spiro**, and K. Starbird. (2017). "Alternative Narratives of Crisis Events: Communities and Social Botnets Engaged on Social Media. *In Conference Companion of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing.* Portland, Oregon.

[W5] Tatman, R., L. Stewart, A. Paullada, and **Emma S. Spiro**. (2017). "Non-lexical Features Encode Political Affiliation on Twitter." NLP+CSS: Second Workshop on Natural Language Processing and Computational Social Science at Annual Meeting of the Association for Computational Linguistic (ACL 2017). Vancouver, Canada.

[W4] Zeng, L., Z.W. Almquist, and **Emma S. Spiro**. (2016). "Lets Workout! Exploring Social Exercise in an Online Fitness Community." Workshop on Activity-based Networks, *International Conference on Social Informatics.* Seattle, Washington.

[W3] Arya, S., **Emma S. Spiro**, and Z.W. Almquist. (2016). "Geo-social Rankings Derived from Activity-based Apps." Workshop on Activity-based Networks, *International Conference on Social Informatics.* Seattle, Washington.

[W2] Williams, J. A., and **Emma S. Spiro**. (2015). "Tweeting the Japanese General Election of 2014 - A First Look." First Annual Conference on Voting, Elections, and Electoral Systems, University of Washington. Seattle, Washington.

🏆 [W1] **Spiro, Emma S.**, C. L. DuBois, and C.T. Butts. (2012). "Waiting for a Retweet: Modeling Waiting Times in Information Propagation." *Workshop on Social Network and Social Media Analysis: Methods, Models and Applications. Neural Information Processing Systems (NIPS).* Lake Tahoe, NV. Best Student Paper Award

WORKING PAPERS, REPORTS & REVIEWS

[R3] Center for an Informed Public, Digital Forensic Research Lab, Graphika, and Stanford Internet Observatory (2021). "The Long Fuse: Misinformation and the 2020 Election. Stanford Digital Repository: Election Integrity Partnership. Available at: https://purl.stanford.edu/tr171zs0069

[R2] Cesare, N., Lee, H., McCormick, T., & Spiro, E. S. (2017). Redrawing the 'Color Line': Examining Racial Segregation in Associative Networks on Twitter. arXiv preprint arXiv:1705.04401.

[R1] Reeder, H. T., T. McCormick, and **Emma S. Spiro**. (2014). "Online information behaviors during disaster events: roles, routines, and reactions." *Center for Statistics and the Social Science Working Paper No. 144*, University of Washington. https://csss.uw.edu/files/working-papers/2014/wp144.pdf

SELECTED GENERAL AUDIENCE PUBLICATIONS

[G13] Starbird et al. (2024) "What to Expect When Were Electing: The 5 Moves of Misleading Election Rumors." Election Rumor Research Center for an Informed Public. https://uwcip.substack.com/p/what-to-expect-when-were-electing

[G12] Starbird et al. (2024) "What to Expect When Were Electing: An Election Rumoring Timeline." Election Rumor Research Center for an Informed Public. https://uwcip.substack.com/p/what-to-expect-when-were-electing

[G11] E.S. Spiro and K. Starbird. (2023). "Assessing rumors to improve trust and prepare for 2024 elections." Opinion in The Seattle Times.
https://www.seattletimes.com/opinion/assessing-rumors-to-improve-trust-and-prepar

[G10] Starbird et al. (2022). "10 Factors That Shape a Rumors Capacity for Online Virality." Election Integrity Partnership (EIP) Blogpost.
https://www.eipartnership.net/blog/rumors-capacity-online-virality-factors

[G9] Bak-Coleman, et al. (2020). "Vote Data Patterns used to Delegitimize the Election Results." Election Integrity Partnership (EIP) Data Brief.
https://bit.ly/3mFxW45

[G8] Starbird, et al. (2020). "Uncertainty and Misinformation: What to Expect on Election Night and Days After." Election Integrity Partnership (EIP) Data Brief.
https://www.eipartnership.net/news/what-to-expect

[G7] EIP Team. (2020). "Vote Data Patterns used to Delegitimize the Election Results." Election Integrity Partnership (EIP) Data Brief.
https://www.eipartnership.net/rapid-response/repeat-offenders

[G6] Kennedy, I., et al. (2020). "Repeat Offenders: Voting Misinformation on Twitter in the 2020 United States Election." Election Integrity Partnership (EIP) Data Brief.
https://www.eipartnership.net/rapid-response/mail-dumping

[G5] Starbird, K., **Emma S. Spiro** and J. West. (2020). "This covid-19 misinformation went viral. Here's what we learned. Monkey Cage. The Washington Post.
https://wapo.st/3evY51q

[G4] Starbird, K., and **Emma S. Spiro**. (2016). "Slowing the Spread of Viral Misinformation: Can Crowdsourcing Help?" Association for Computing Machinery (ACM) Blog, Huffington Post.

[G3] Farnham, S., M. Lahav, A. Monroy-Hernández, and **Emma S. Spiro**. (2015) "Neighborhood Community Well-being and Social Media"
http://bit.ly/1JMeXxT

[G2] Monroy-Hernández, A. and **Emma S. Spiro**. (2013) "How Brazilian protesters are using Twitter." Guardian Datablog.
http://www.guardian.co.uk/news/datablog/2013/jul/04/

[G1] Monroy-Hernández, A. and **Emma S. Spiro**. (2013) "How is the Brazilian Uprising Using Twitter?" Microsoft Research FUSELabs Blog.
http://blog.fuselabs.org/

SUBMITTED OR
IN PREPARATION

Dash, S., Y. Xu, and E.S. Spiro (Under review). "AI-Paraphrasing Increases Perceptions of Social Consensus & Belief in Misinformation"

Moran, R.E., J. Simoes, T. Agajanian, I Grasso, A. Beers, A.L. Swarr, E.S. Spiro. (Under review). "Documenting the Impact of Abortion Myths on Healthcare Providers and Advocates."

Schafer, J., K. Duskin, M. Wack, A. Beers, L. Bozarth, T. Agajanian, M Caulfield, E.S Spiro, and K. Starbird. (Under review). "ElectionMisinfo2022: A Dataset of Election Rumors on Twitter During the 2022 US Midterms".
https://arxiv.org/abs/2407.16051

Wack, M., J. Schafer, I. Kennedy, A. Beers, E.S. Spiro, and K. Starbird. (Under review). "Legislating Uncertainty: Election Policies and the Amplification of Misinformation in the 2020 U.S. Election".

AWARDS & HONORS	Best Paper Award *10th International Conference on Social Computing and Social Media* Las Vegas, Nevada	2018
	Lee Dirks Best Paper Award Finalist *iConference* Wuhan, China	2017
	Best Poster Award *2nd Annual International Conference on Computational Social Science* Evanston, Illinois	2016
	Honorable Mention Paper (Top 5%) *ACM Conference on Computer-Supported Cooperative Work and Social Computing* San Francisco, California	2016
	Distinguished Teaching Award Nominee *University of Washington*	2016
	Top 30 Thinkers Under 30 *Pacific Standard Magazine: The Science of Society*	2014
	Best Student Paper Award *Workshop on Social Network and Social Media Analysis* *26th Annual Conference on Neural Information Processing Systems* Lake Tahoe, Nevada	2012
	ACM Web Science 2012 Best Social Science Student Paper Award *Northwestern University* Evanston, Illinois	2012
	Honorable Mention, Graduate Research Fellowship *National Science Foundation* Arlington, Virginia	2009
	Science, Technology and Society Thesis Prize *Pomona College, Claremont, California*	2007

KEYNOTE TALKS

Spiro, Emma S. (April 2024) "Rumors Have Rules". Keynote Talk. Political and Information Networks Workshop, Center for Information Networks and Democracy. Annenberg School for Communication, University of Pennsylvania.

Spiro, Emma S. (April 2022) "UW Center for an Informed Public: How We Got Here." Technologies to Support Critical Thinking in an Age of Misinformation. Dagstuhl Seminar #22172. Schloss Dagstuhl Leibniz Center for Informatics, Germany. Virtual.

Spiro, Emma S. (July 2019) "Online Social and Information Behaviors During Crisis Events" Keynote Talk. International Conference on Computational Social Science (IC2S2). Amsterdam, Netherlands.

Spiro, Emma S. (August 2018) "Understanding Social Behavior During Crisis Events using Digital Traces." Keynote Talk. Advances in Social Network Analysis and Mining. Barcelona, Spain.

Center for an Informed Public Team. (October 2024) "Protecting Information Integrity: Election Rumor Research at the UW Center for an Informed Public," Lecture Series: Democracy in Focus: Navigating the 2024 Election, co-sponsored by the College of Arts and Science and the Office of the Provost, University of Washington.

Spiro, Emma S. (October 2024) "TBD." Digital Day: Social and Digital Outreach in the Public Sector. Seattle, Washington.

Spiro, Emma S. (February 2024) "Collective Sensemaking During Crisis Events". Workshop on Advancing Risk Communication With Decision-Makers for Tropical Cyclones. National Academies of Sciences, Engineering, and Medicine.

Spiro, Emma S. (April 2023) "Rumors Have Rules: How and Why We Share in Sociotechnical Systems." Science Symposium, The Overlake School, Redmond, WA.

Spiro, Emma S. (October 2022) "Disinformation Repeat Offenders: Case of the 2020 US Election." Workshop on Measuring Belief Systems in Networked Communities. Princeton University.

Spiro, Emma S. (February 2022) "Collective Sensemaking" Narratives, Tech & Countering Disinformation. AAAS Annual Meeting. Virtual.

Spiro, Emma S. (May 2021) "Election Disinformation: Real-time Analysis and Repeat Offenders." SNAP, Inc., HCI Research Group, People & Technology Seminar. Virtual.

Spiro, Emma S. (April 2021) "How Data, Knowledge, and Expertise Mobilize in Online Media during the COVID-19 Crisis." New York University's Center for Social Media and Politics (CSMaP), Annual Conference. Virtual.

Spiro, Emma S. (January 2021) "Election Disinformation: Real-time Analysis and Response." South Big Data Hub, Social Cybersecurity Working Group. Virtual.

Spiro, Emma S. (October 2020) "Data Science During Times of Crisis." Annual Meeting and Leaders Summit, Academic Data Science Alliance. Virtual.

Spiro, Emma S. (February 2020) "Misinformation in the Context of Emergencies and Disaster Events." Detecting, Combating, and Identifying Dis and Misinformation. AAAS Annual Meeting. Seattle, Washington.

Spiro, Emma S. (January 2020) "Who Can We Trust?" Invited Panel at the Seattle Town Hall. Seattle, Washington.

Spiro, Emma S. (September 2019) "Online Social and Information Behaviors During Crisis Events." Puget Sound Social Media Summit. Seattle, Washington.

Spiro, Emma S. (April 2019) "Social Sensing: A Synergy between Computer and Social Sciences." Invited Panel at the 4th International Workshop on Social Sensing (SocialSens) at CPSWeek. Montreal, Canada.

Spiro, Emma S. (October 2018) "Social Behavior During Crisis Events" Department of Psychology, University of Washington. Seattle, Washington.

Spiro, Emma S. (October 2018) "Social Behavior During Crisis Events" All Boats Rise? Social Capital, Promise and Peril. Amazon. Seattle, Washington.

Spiro, Emma S. (October 2018) "Social Behavior During Crisis Events" Media, Technology & Society (MTS) Speaker Series, Northwestern University. Evanston, Illinois.

Spiro, Emma S. (March 2017) "Understanding Social Behavior During Crisis Events using Digital Traces." NYC Data Science Seminar Series. Microsoft Research NYC. New York, New York.

Spiro, Emma S. (March 2017) "Look Who's Watching: Understanding the Audience of Police on Social Media" Demography Brown Bag Seminar Series, University of California, Berkeley.

Spiro, Emma S. (February 2017) "Social Networks and User Engagement: Preliminary Analysis." Strava, Inc. San Francisco, Califronia.

Spiro, Emma S. (February 2017) "Understanding Social Behavior During Crisis Events using Digital Traces." Sungkyunkwan University Data Science Exchange Program. University of Washington. Seattle, Washington.

Spiro, Emma S. (May 2016) "Networks of Gratitude: Structures of Thanks in Workplace Appreciation Systems." University Konstanz. Konstanz, Germany.

Spiro, Emma S. (May,2016) "#Unconfirmed: Online Social Behavior During Crisis Events." Workshop on Computational Social Science. University Konstanz. Konstanz, Germany.

Spiro, Emma S. (April 2016) "Understanding Social Behavior During Crisis Events using Digital Traces." Symposium on New Directions in Computational Social Science and Data Science. Simons Institute, University of California. Berkeley, California.

Spiro, Emma S. (January 2016) "Rumoring on Social Media During Crisis." UW Undergraduate Research Program, Research Exposed!: Approaches to Inquiry. University of Washington. Seattle, Washington.

Spiro, Emma S., Lee, Cesare, and McCormick. (November 2014) "Taming 'Data in the Wild': The Promises and Pitfalls of Big Social Data for Demographic Research." 6th International Conference on Social Informatics (SocInfo) Workshop: Social Scientists Working with Start-ups. Barcelona, Spain.

Spiro, Emma S. (October 2014) "Online Information Behaviors During Disaster Events: Roles, Routines, and Reactions." Center for Statistics and the Social Science Seminar. University of Washington. Seattle, Washington.

Spiro, Emma S., (February 2014) "Online Communication Dynamics During Natural Hazard Events." Seminar on Cultural, Organizational, Political and Economic Sociology. Department of Sociology, University of Washington. Seattle, Washington.

Spiro, Emma S. (July 2013) "Hazard Warnings and Alerts: Content, Style, and Structure." Microsoft Research and University of Washington Workshop. Toward a Smarter Society: The Role of Computational Social Science. Bellevue, Washington.

Spiro, Emma S. (April 2013) "Online Communication and Information-related Behaviors During Emergencies and Disasters." School of Information, University of Washington, Seattle, Washington.

Spiro, Emma S. (January 2011) "Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks." Conference on Behavior In and On Networks, Institute for Mathematical Behavioral Sciences, University of California, Irvine, California.

Kahveci, Emma S. Spiro, Hagopian, and Almquist (July, 2024). "Building Resilient Networks for Emergency Preparedness: Utilizing Social Ties for Natural Hazard and Disaster Communication Among People Experiencing Homelessness." International Conference on Computational Social Science (IC2S2). Philadelphia, PA, USA.

Dash, Xu, and Emma S. Spiro. (July, 2024). "Understanding the Role of Large Language Models in Amplifying Heuristic Persuasion in Disinformation Operations." International Conference on Computational Social Science (IC2S2). Philadelphia, PA, USA.

Zhou, Wilson, Starbird, and Emma S. Spiro. (July, 2024). "Spotlight Tweets: Exploring Attention Dynamics in Online Sensemaking during Crisis Events." International Conference on Computational Social Science (IC2S2). Philadelphia, PA, USA.

Beers, Starbird, and Emma S. Spiro. (July, 2024). "Flows of Negativity in United States Political Influencer Communities." International Conference on Computational Social Science (IC2S2). Philadelphia, PA, USA.

Kahveci, Hagopian, Emma S. Spiro, and Almquist. (June, 2024) "Building Resilient Networks for Emergency Preparedness: Utilizing Social Ties for Disaster Communication Among People Experiencing Homelessness." Sunbelt Network Conference (INSNA). Edinburgh, Scotland.

DeMets, and Emma S. Spiro (July 2023). "Understanding guest entrances into the podcast ecosystem." Poster Presentation. International School and Conference on Network Science. Vienna, Austria.

Duskin, West, and Emma S. Spiro (July 2023). "The Role of Friend Recommendation Algorithms in Shaping Informational Ecosystems Online." International School and Conference on Network Science. Vienna, Austria.

Beers and Emma S. Spiro, (July 2023). "Two Years of Influence: Tracking Changes in Twitter Influencer Diets in United States Politics." International Conference on Computational Social Science (IC2S2). Copenhagen, Denmark.

Duskin, Engel, and Emma S. Spiro. (July 2023). "Midterm Candidate Participation in False and Misleading Election Discourse on Twitter." (July, 2023). International Conference on Computational Social Science (IC2S2). Copenhagen, Denmark.

DeMets and Spiro. (July 2023). "Podcast Citations in US Election Rumors on Twitter." Poster Presentation. International Conference on Computational Social Science (IC2S2). Copenhagen, Denmark.

Kahveci, Nova, Yang, Emma S. Spiro, and Almquist. (July 2023). "Talking about the Jab: Medical Professionals Expressions of Vaccine Hesitancy Online." Poster Presentation. International Conference on Computational Social Science (IC2S2). Copenhagen, Denmark.

Duskin, West, and Emma S. Spiro. (July 2023). "The Role of Friend Suggestion Algorithms on Personal Networks Online." Sunbelt Network Conference (INSNA). Portland, Oregon.

Kahveci, Nova, Yang, Emma S. Spiro and Almquist. (July 2023). "Classifying the Networked Information Provided to the American Public via Active Tweeting by Healthcare Professionals." Sunbelt Network Conference (INSNA). Portland, Oregon.

Kahveci, Nova, Koltai, Emma S. Spiro and Almquist. (August 2022). "Expressions of Vaccine Hesitancy Among Medical Professionals on Twitter". American Sociological Association: Section on Social Media and the Internet, Los Angeles, California.

Wang, S. Emma S. Spiro and Almquist. (July 2022) "Online Information Sharing of Spanish Speaking HUD Sponsored Homeless Care Organizations Response to COVID-19 Pandemic." Sunbelt Network Conference (INSNA). Cairns, Australia.

Kahveci, Nova, Koltai, Emma S. Spiro and Almquist. (April 2022). "Talking about the Jab: Medical Professionals' Expressions of Vaccine Hesitancy Online". Population Association of America Annual Meeting. Atlanta, Georgia.

Spiro, Emma S. (July 2020) "Narrative Permutations through Social Interactions." 40th Sunbelt Network Conference (INSNA). Paris, France.

Stewart and Spiro, Emma S. (July 2020) "Towards a Networked Demography? A case study of gender countercultures on Reddit." 40th Sunbelt Network Conference (INSNA). Paris, France.

Porter and Spiro, Emma S. (July 2020) "Examining Expressions of Identity In Dynamic Networks: A Multimodal Approach." 40th Sunbelt Network Conference (INSNA). Paris, France.

Stewart and Spiro, Emma S. (June 2019) "Tracing Networked Gender Discourse on Reddit." 39th Sunbelt Network Conference (INSNA). Montreal, Canada.

Almquist, and Emma S. Spiro. (August 2016) "The Structure of Activity-based Online Personal Networks." Joint Statistical Meetings. Chicago, Illinois.

Spiro, Emma S., and Almquist. (August 2016) "Gender-based Opportunity Structures in an Activity-Based Online Social Networks." American Sociological Association: Rationality and Society Section, Session on Rationality and Social Structure. Seattle, Washington.

Lewis, Litt, and Emma S. Spiro. (June 2016). "Social media expressions of alcohol use in young adults: An in-depth examination of Twitter activity as a predictor of high-risk drinking." Alcohol and Drug Abuse Institute Brown Bag, Alcohol and Drug Abuse Institute, Seattle, WA.

Lewis, Litt, and Emma S. Spiro. (June 2016). "Social media expressions of alcohol use in young adults: An in-depth examination of Twitter activity as a predictor of high-risk drinking." In D. Litt (Chair) and M. Lewis (Chair), A Multi-Method Examination of the Associations between Social Networking Sites and Alcohol Use. Symposia presented at the Annual Meeting of the Research Society on Alcoholism, New Orleans, LA.

Zeng, Nied, Walls, Robinson, Starbird and Emma S. Spiro. (June 2016) "Automatic Misinformation Detection on Social Media Spaces during Crisis Events." 2nd Annual International Conference on Computational Social Science, Evanston, Illinois.

Cesare, Emma S. Spiro, Lee, and McCormick. (June 2016) "Exploring Relationship Dynamics between Citizens and the Police Via Twitter." 2nd Annual International Conference on Computational Social Science, Evanston, Illinois. Best Poster Award

Spiro, Emma S. and Almquist. (April 2016) "Mechanisms of Tie Formation in Activity-based Online Social Networks." 36th Sunbelt Network Conference (INSNA). Newport Beach, California.

Almquist and Emma S. Spiro. (April 2016) "Personal Network Structures in Activity-based Online Social Networks." 36th Sunbelt Network Conference (INSNA). Newport Beach, California.

Zeng, Starbird and Emma S. Spiro. (April 2016) "Modeling rumor diffusion on social media during crisis events." 36th Sunbelt Network Conference (INSNA). Newport Beach, California.

Walls, Starbird, and Emma S. Spiro (April 2016) "A Network-based Approach to Scoping Rumor Stories in Social Media." 36th Sunbelt Network Conference (INSNA). Newport Beach, California.

Espinoza, Phillips, Gibson, League, Johnson, Emma S. Spiro, Fitzhugh, Sutton and Butts. (April 2016) "Emergency Management Organizations' Twitter Follower Growths During and After Disasters." 36th Sunbelt Network Conference (INSNA), Poster presentation. Newport Beach, California.

Lee, McCormick, Emma S. Spiro, and Cesare. (March 2016) "Exploring Relationship Dynamics Between Citizens and the Police Via Twitter." Population Association of America Annual Meeting. Washington, D.C.

Spiro, Emma S. and Almquist. (August 2015) "Social Interaction in Activity-Based Online Communities." Joint Statistical Meetings. Seattle, Washington.

Phillips, Fitzhugh, Sutton, Butts, Emma S. Spiro, Gibson, League, and Johnson.(July 2015) "HEROIC: Hazards, Emergency Response, and Online Informal Communication." 40th Annual Natural Hazards and Applications Workshop. Broomfield, Colorado.

Walls, L., Maddock, Starbird, and Emma S. Spiro. (July 2015). "What Should Count?: A Quantitative Approach to Scoping Rumors in Social Media." Social Media and Society Conference 2015, Toronto, Ontario, Canada.

Spiro, Emma S. and Almquist. (June 2015) "Demographic Opportunity Structures in Activity-Based Online Social Networks." 35th Sunbelt Network Conference (INSNA), Brighton, England.

Phillips, Sutton, Fitzhugh, League, Johnson, Emma S. Spiro, Gibson and Butts. (June 2015) "Emergency Management Interorganizational Networks." 35th Sunbelt Network Conference (INSNA), Brighton, England.

Cesare, Lee, McCormick, Morris, Shojaie, Emma S. Spiro. (June 2015) "Redrawing the 'Color Line': Examining Racial Segregation in Associative Networks On Twitter." 35th Sunbelt Network Conference (INSNA), Brighton, England.

Starbird, Emma S. Spiro, Arif, Chou, Narasimhan, Maddock, Shanahan and Robinson. (May 2015) "Expressed Uncertainty and Denials as Signals of Online Rumoring." Collective Intelligence Conference. Santa Clara, California.

Walls, Starbird, and Emma S. Spiro (May 2015) "Did You Hear about the Computer that Can Detect Rumors?: An Algorithmic Approach to Rumor Detection." Poster presentation, Undergraduate Research Symposium, University of Washington.

Zhu and Emma S. Spiro (May 2015) "Exploring Young Adults' Drinking Behavior via Digital Traces on Social Media." Poster presentation, Undergraduate Research Symposium, University of Washington.

Bill, Zagheni, and Emma S. Spiro (May 2015) "The Exploration of Leadership Structure within #YesAllWomen." Poster presentation, Undergraduate Research Symposium, University of Washington.

Cesare, Emma S. Spiro, McCormick and Lee. (April 2015) "Self-presentation and Information Disclosure on Twitter: Understanding Patterns and Mechanisms along Demographic Lines." Population Association of America Annual Meeting. San Diego, California.

Reeder, McCormick, and Emma S. Spiro. (April 2015) "Online Information Behaviors During Disaster Events: Roles, Routines, and Reactions." Population Association of America Annual Meeting. San Diego, California.

Reed, Emma S. Spiro, and Butts. (March 2015) "Using Facebook Data to Examine Culture and Self-Disclosure Behaviors." iConference Poster. Newport Beach, California.

Fitzhugh, Emma S. Spiro and Butts. (August 2014) "Did You Feel it? Spatial Filtering Techniques for Detection of Local Disaster Events" American Sociological Association: Section on Mathematical Sociology, San Francisco, California.

Fitzhugh, Sutton, Butts, Emma S. Spiro, Gibson, League, and Johnson (June 2014) "Project HEROIC: Hazards, Emergency Response, and Online Informal Communication." 39th Annual Natural Hazards and Applications Workshop. Broomfield, Colorado.

Spiro, Emma S., Fitzhugh, Sutton, and Butts. (May 2014) "Online Communication Dynamics During Natural Hazard Events" International Communication Association: Section for Communication and Technology. Seattle, Washington.

Spiro, Emma S., and Monroy-Hernandéz. (February 2014) "A Tale of Two Social Movements." 34th Sunbelt Network Conference (INSNA), St. Pete Beach, Florida.

Spiro, Emma S., and Butts. (August 2013) "When Bad Things Happen To 'Good' People: Online Communication Dynamics During Natural Hazard Events" American Sociological Association: Regular Section on Disasters, New York, New York.

Gibson, Emma S. Spiro, Fitzhugh, and Butts. (August 2013) "Estimating Active User Population Dynamics in Online Social Networks." American Sociological Association: Section on Methodology Paper Session, New York, New York.

Sutton, Johnson, Emma S. Spiro, Gibson, Fitzhugh, and Butts. (August 2013) "Warning Tweets: Serial Transmission of Warning Messages during a Disaster Event." American Sociological Association: Regular Section on Disasters, New York, New York.

Gibson, Emma S. Spiro, and Butts. (May 2013) "Estimating Active User Population Dynamics in Online Social Networks." 33nd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Almquist, Emma S. Spiro, and Butts. (May 2013) "Missing Data Methods for Dynamic Network logistic-Regression." 33nd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Spiro, Emma S., and Butts. (May 2013) "Degree dynamics: spikes and decay in attention relationships." 33nd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Spiro, Emma S., DuBois, and Butts. (December 2012) "Waiting for a Retweet: Modeling Waiting Times in Information Propagation." Poster presentation. Workshop on Social Network and Social Media Analysis: Methods, Models and Applications. Neural Information Processing Systems (NIPS). Lake Tahoe, Nevada.

Spiro, Emma S., Pierski, and Butts. (August 2012) "Mapping an Ecology of Privacy: A Cross-national Comparison of Control of Self-presentation Online." American Sociological Association: Section on Communication and Information Technology, Denver, Colorado.

Spiro, Emma S., Sutton, Johnson, and Butts. (August 2012) "Diffusion of Innovation Among Government Organizations: Asymmetric Effects of Organizational Lineage on Social Media Adoption." Fifth Joint Japan-North America Mathematical Sociology Conference. Denver, Colorado.

Spiro, Emma S., Sutton, Fitzhugh, Greczek, Pierski, and Butts. (June 2012) "Rumoring During Extreme Events: A Case Study of Deepwater Horizon 2010." ACM Web Science 2012 Conference (WebSci12). Evanston, Illinois.

Spiro, Emma S., Sutton, and Butts. (June 2012) "Shifting Attention: The Effect of External Stimuli on Social Ties Among Emergency Management Organizations." Political Networks Conference, Boulder, Colorado.

Johnson, Sutton, Emma S. Spiro, Fitzhugh, and Butts. (June 2012) "Technology Lineage and Adoption: Diffusion of Microblog Technologies Among Government Organization." Political Networks Conference, Boulder, Colorado.

Spiro, Emma S., Sutton, Fitzhugh, and Butts. (March 2012) "A Microstructure Topology for Hyperedge Communication Events." 32nd Sunbelt Network Conference (INSNA), Redondo Beach, California.

Sutton, Emma S. Spiro, Johnson, Greczek, Fitzhugh, and Butts. (March 2012) "Connected Communications: Network Structures of Official Communications in Disaster." 32nd Sunbelt Network Conference (INSNA), Redondo Beach, California.

Johnson, Sutton, Emma S. Spiro, Fitzhugh, and Butts. (March 2012) "Disruptive Diffusion: Adoption of Microblog Technologies Among Urban Organizations." 32nd Sunbelt Network Conference (INSNA), Redondo Beach, California.

Spiro, Emma S., Almquist, and Butts. (August 2011) "Maintaining Ties from Coast to Coast: Selective Mixing Among U.S. Universities on Facebook." American Sociological Association: Section on Methodology Paper Session, Las Vegas, Nevada.

Spiro, Emma S., Butts, Sutton, Greczek, Fitzhugh, and Pierski. (July 2011). "Informal Online Communication in the Deepwater Horizon Disaster." Poster presentation, 2011 Natural Hazards Research and Applications Workshop, Broomfield, Colorado.

Spiro, Emma S., Butts, Sutton, Grezcek, Pierski, and Fitzhugh. (June 2011) "Rumoring During Extreme Events: Deepwater Horizon 2010." Poster presentation, Political Networks Conference, Ann Arbor, Michigan.

Spiro, Emma S., Acton, Sutton, Grezcek, Pierski, Fitzhugh, and Butts. (February 2011) "Rumoring in Informal Online Communication Networks." 31st Sunbelt Network Conference (INSNA), St. Pete Beach, Florida.

Spiro, Emma S., Acton, and Butts. (August 2010) "Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks." American Sociological Association: Section on Mathematical Sociology Paper Session, San Francisco, California.

Acton, Emma S. Spiro, and Butts. (July 2010) "Change and External Events in Online Networks." 30th Sunbelt Network Conference (INSNA), Riva del Garda, Italy.

Spiro, Emma S., Acton, and Butts. (July 2010) "Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks." 30th Sunbelt Network Conference (INSNA), Riva del Garda, Italy.

Spiro, Emma S., Acton, and Butts. (August 2009) "Brokerage Roles in the Immediate Wake of Hurricane Katrina." ASA Roundtable: Networks and Organizations, San Francisco, California.

Spiro, Emma S., Acton, and Butts. (March 2009) "Patterns of Coordination: Brokerage Roles in the Immediate Wake of Hurricane Katrina." 29th Sunbelt Network Conference (INSNA), San Diego, California.

EDITORIAL POSITIONS		
	Associate Editor, *Science Advances* *American Association for the Advancement of Science*	2019-present
	Editorial Board Member, *Mathematical Sociology* *Taylor and Francis*	2022-2024
	Editorial Board Member, *Sociological Methodology* *SAGE Journals*	2021-2023

PROFESSIONAL SERVICE		
	Women in Network Science (WiNS)	2022-present
	External Reviewer of Promotion with Tenure Dossier (1)	2023
	American Sociological Association Council Member, Section for Mathematical Sociology	2021-2024
	- *G. Tootell Outstanding Dissertation in Progress Award Committee, Member*	2024
	- *Outstanding Article Award Committee, Chair*	2023
	- *G. Tootell Outstanding Dissertation in Progress Award Committee, Chair*	2022
	ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW) *Awards Committee*	2022, 2023
	American Sociological Association Section for Mathematical Sociology *Outstanding Graduate Student Paper Award*	2021
	NSF Review Panel Participant *National Science Foundation, Washington D.C.*	2020, 2021, 2022, 2023
	NSF Workshop on Social Cyber-Security and Disinformation *Carnegie Mellon University, Washington D.C.* *Invited Participant*	2019
	Ad Hoc Reviewer *National Science Foundation, Washington D.C.*	2018-2023
	Current Challenges in Computing (CCubed) 2017 Conference on Computational Social Science *Invited Participant*	2017
	American Sociological Association Section for Mathematical Sociology *Outstanding Dissertation in Progress Award Committee*	2017

Social Science Research Council (SSRC)   2016
Workshop on Problem Oriented Social Science
Invited Participant

Digging into Data Challenge   2016
Trans-Atlantic Platform (T-AP) for the Social Sciences and the Humanities,
National Endowment for the Humanities
External Reviewer

Rethinking Data Science for the Social Sciences Speaker Series   2015-2016
University of Washington
Co-organizer

Microsoft Research Social Computing Symposium   2014, 2015
Invited Participant

Response Risk Communication Tools Peer-Review Workshop   2013
Coastal Response Research Center, University of New Hampshire
Invited Reviewer

American Sociological Association   2011-2012
Section for Mathematical Sociology
Student Council Member, Best Paper Award Committee

JOURNAL AD HOC
REVIEW
- American Journal of Sociology
- American Sociological Review
- Computational and Mathematical Organization Theory (CMOT)
- Computers in Human Behavior
- EPJ Data Science
- IEEE Internet Computing
- Information, Communication and Society
- International Journal of Communication
- Journal of Adolescent Research
- Journal of the Association for Information Science and Technology (JASIST)
- Journal of Computer Mediated Communication
- PLOS ONE
- Proceeding of the National Academy of Science (PNAS)
- PNAS Nexus
- Public Administration
- Natural Hazards Review
- Nature
- New Media and Society
- The Sociological Quarterly
- Social Networks
- Sociological Methods & Research
- Sociological Methodology
- Transactions on Information Systems

CONFERENCE
ORGANIZATION &
REVIEW

Program Chair

- 8th International Conference on Social Informatics (SocInfo)   2016
  Social Science Program Chair

Senior Program Committee and/or Area Chair

- ACM Collective Intelligence (CI)   2023

Program Committee

- The ACM Web Conference, Web & Society   2023
- AAAI Conference on Web and Social Media (ICWSM)   2016-2023
- ACM Conference on Computer-Supported Cooperative Work and Social Computing
  (CSCW)   2019
- ACM Collective Intelligence (CI)   2019
- Workshop on Social Web for Disaster Management (SWDM)   2016, 2018
- International Conference on Network Science (NetSci)   2017
- Workshop on Mining Actionable Insights from Social Networks (MAISoN)   2017
- Hawaiian International Conference on System Sciences (HICSS):   2017
  "Government and Disaster Resilience" Electronic Government: Minitrack
- International Conference on Social Informatics (SocInfo)   2014, 2015, 2017
- International Conference on Computational Social Science (IC2S2)   2016, 2018,
  2019, 2020, 2022, 2024
- Hawaiian International Conference on System Sciences (HICSS):   2016
  "Resilience Against Crises and Disasters," Electronic Government: Minitrack
- International Conference on Social Informatics (SocInfo):   2014
  What's in a Dyad? Interaction and Exchange in Social Media Workshop
- ACM SIGKDD Conference on Knowledge Discovery and Data Mining: 2014
  Workshop on Learning about Emergencies from Social Information (KDD-LESI)

Reviewer

- ASIST Annual Meeting
- ACM CHI Conference on Human Factors in Computing Systems
- ACM Conference on Computer Supported-Cooperative Work and Social Computing
  (CSCW)
- European Symposium Series on Societal Challenges in Computational Social Science
- International Conference on Information Systems for Crisis Response
  and Management (ISCRAM): Social Media Track
- iConference
- Hawaiian International Conference on System Sciences (HICSS)
- The Web Conference (WWW)

UNIVERSITY OF WASHINGTON SERVICE	Decanal Review Committee on the Dean of the Information School Office of the Provost, University of Washington	2023-2024
	UW Allies Program University of Washington	2022-present
	Member, Michael G. Foster School of Business Review Committee University of Washington	2022-2023
	Research Advisory Board University of Washington	2021-2022
	Higher Education Leadership Panel: Strengthening Public Trust Alumni Association, UW	2019
	Graduate Council, Information School Representative University of Washington	2019
	UW Royalty Research Fund, Ad Hoc Reviewer	2020, 2021, 2023

UW INFORMATION SCHOOL SERVICE	Peer Faculty Mentor (3)	2022-present
	Co-Chair, Tenure-track Faculty Search Committee	2024-2025
	Member, Elected Faculty Council	2022-2025
	Faculty Advisory Council (FAC)	2023-2024
	Member, Search Committee, Associate Dean for Inclusion, Diversity, Equity, Access & Sovereignty (IDEAS)	2022-2023
	Faculty Panel, Director of Research Development & Strategy Staff Search	2023
	Judge, Capstone Research Award	2022
	Member, Research Committee	2022
	Chair, Research Committee	2021-2022
	Chair, Tenure-track Faculty Search Committee	2019-2020
	Research Committee	2019-2020
	Judge, Capstone Research Award	2019
	MSIM Program Committee	2017-2019
	Google PhD Fellowship UW Nomination Committee	2018
	Co-Chair, Tenure-track Faculty Search Committee: Data Ethics	2016-2017
	PhD Admissions Committee	2015-2017
	Informatics Program Committee	2014-2015
	MSIM Working Group: Data Science and Analytics	2013-2015
	Informatics Admissions Committee	2013-2014
	MLIS Admissions Committee	2013-2014

CENTER FOR AN INFORMED PUBLIC, UW

Launched in late 2019, the Center for an Informed Public (CIP) is an interdisciplinary effort at the University of Washington led by the Information School, Human Centered Design & Engineering and the School of Law, with collaboration from numerous other university and community partners. CIP operations and activities are governed by a faculty director and executive council, made up of the five faculty co-founders, of which I am one. There are four core pillars of work: research, education, engagement and policy, each of which has a lead. I have served at the Research Lead/Co-Lead since the 2019 launch. In fall 2024 I will begin a three-year term as the CIP Faculty Director. The annual infrastructure (e.g. staff, programming) operating budget of the CIP is over $1M.

	Faculty Director	2024-present
	Member, Selection Committee, CIP Innovation Fund	2020-present
	Member, CIP Executive Council	2019-present
	Chair, Search Committee, CIP Postdoctoral Fellowship	2020-present
	CIP Research Pillar Lead	2019-2024

Member, Search Committee, SaTC Postdoctoral Fellow	2022, 2023
Chair, Hiring Committee, Senior Research Scientist	2023, 2024
Chair, CIP Robert Mason Mentoring Award Selection Committee	2023, 2024
Member, Hiring Committee, Data Engineer	2020, 2022, 2024
Member, Hiring Committee, Senior Software Developer	2022, 2024

TEACHING

INFO 370 Core Methods in Data Science
Autumn 2023

This course offers a practical, hands-on introduction to the basic Data Science methods. It covers data cleaning and filtering, introductory statistics, statistical inference and prediction, linear and logistic regression, prediction, and a few simple but essential machine learning techniques. Pre-requisites include basic understanding of statistics and experience with data programming.

[ONLINE] IMT 573 Data Science I - Theoretical Foundations
Summer 2021

The course provides an introduction to the foundational concepts and methods of data science, focusing on several critical skills, including data capture and transformation, probability and statistics, and data exploration and analysis. I am solely responsible for the development of the online version of this course; I designed and developed all current materials—class website, slides, problem sets, and labs. I currently serve as the Course Lead for this course in the online program, meeting with and mentoring the guest instructors who teach this course.

IMT 573 Data Science I - Theoretical Foundations
Autumn 2014-2016, Winter 2017, Autumn 2019

The course provides an introduction to the foundational concepts and methods of data science, focusing on several critical skills, including data capture and transformation, probability and statistics, and data exploration and analysis. I am jointly responsible for the development of this course; I developed all current materials—slides, problem sets, and labs.

IMT 571 Social Network Analysis
Spring 2015, Winter 2017, Spring 2018-2019, Winter 2020, Spring 2022

This course offers students practical, hands-on instruction in common methods and analytical tools used for social network analysis. Students practice applying and interpreting network analysis methods to answer important questions within the social network domain. I am solely responsible for the development of this course, including slides, problem sets, labs, and exams.

IMT 598 Special Topics - Problematic Information
Spring 2020, Spring 2022

Addressing the problem of misinformation is among the most pressing challenges of our time – and times to come. This graduate seminar will introduce students to the lexicon of problematic information, tracing the historical roots and context of this phenomena and exploring the new realm of online information operations employed in todays socio-technical infrastructure. I am solely responsible for the development of this course.

IMT 578 / LIS 578 CIP Directed Research Group
Spring 2020, Autumn 2021, Winter 2022, Spring 2022, Winter 2023, Spring 2023
As part of the educational and research efforts of the Center for an Informed Public, I led a research seminar where students worked on CIP research projects, mentored by myself, CIP postdoctoral scholars, and other researchers. Topics included misinformation around COVID-19; synthetic media and the 2020 elections; designing a misinformation escape room; weaponized political narratives around the 2018 false missile alert and correction in Hawaii; and designing and populating a CIP data library.

OTHER TEACHING	INFO 300 Research Methods in Informatics INFO 495 Informatics Internship INFO 499 Independent Study SOC 495 Honors Senior Thesis in Sociology IMT 570 Analytic Methods for Information IMT 578 Research Seminar IMT 600 Independent Study LIS 600 Independent Study INFX 598 Advanced Methods in Data Science INSC 565 Teaching Practicum INSC 575, 576 Research Practicum INSC 578 Research Seminar INSC 599 Independent Study INSC 600 Independent Study INSC 800 Doctoral Dissertation HCDE 596 Directed Research Group *co-taught with Dr. Kate Starbird (UW, HCDE)* SOC 600 Independent Study SOC 800 Doctoral Dissertation

RESEARCH SCIENTIST MENTORING	• Rachel Moran-Prestridge, PhD Senior Research Scientist, Center for an Informed Public, UW	2023-present
POSTDOCTORAL MENTORING	• Yiwei Xu, PhD Center for an Informed Public Postdoctoral Fellow UW Data Science Postdoctoral Fellow (*Next position: tenure-track Assistant Professor, Information School, University of Maryland*)	2023-2025
	• Anna Swan, PhD Center for an Informed Public Postdoctoral Fellow (*Next position: UX/Qualitative Researcher, AnitaB.org*)	2021-2023
	• Sukrit Venkatagiri, PhD (*Next position: tenure-track Assistant Professor, Department of Computer Science, Swarthmore College*)	2022-2023
	• Rachel Moran, PhD Center for an Informed Public Postdoctoral Fellow (*Next position: Research Scientist, Center for an Informed Public, University of Washington*)	2020-2023
	• Joe Bak-Coleman, PhD Center for an Informed Public Postdoctoral Fellow UW Data Science Postdoctoral Fellow (*Next position: Associate Research Scientist, Newmark Center for Ethics and Security in Journalism, Columbia University*)	2020-2022
	• Kolina Koltai, PhD Center for an Informed Public Postdoctoral Fellow	2020-2022

(*Next position: Birdwatch for Twitter, Inc.; Current position: Sr. Researcher &
Trainer, Bellingcat*)
- P. Krafft, PhD   2018-2019
Moore/Sloan & WRF Innovation in Data Science Postdoctoral Fellow
(*Next position: Senior Research Fellow, Oxford Internet Institute; Current position:
Senior Lecturer, University of the Arts, London*)

<table>
<tr><td rowspan="3">DOCTORAL
STUDENT
SUPERVISION</td><td colspan="2">Chair/Co-Chair</td></tr>
</table>

- Izzi Grasso, Information School, University of Washington   2024-present
- Kristen Engel, Information School, University of Washington   2024-present
- Kayla Duskin, Information School, University of Washington   2024-present
- Sydney DeMets, Information School, University of Washington   2024-present
- Emily Porter, Information School, University of Washington   2022-present
- Leo Stewart, Information School, University of Washington   2021-present
  (*UW NIH T32 Training Program in Data Science and Demography Awardee*)
- Yim Register, Information School, University of Washington   2021-2024
  (*NSF Graduate Research Fellowships Program Awardee*)
- Anna Beers, Human Centered Design & Engineering   2023-2024
  (*First position: Postdoctoral Fellow, Center for Information, Technology, and Public
  Life (CITAP), University of North Carolina*)
- Li Zeng, Information School, University of Washington   2016-2022
  (*First position: tenure-track Assistant Professor, Department of Methodology and
  Statistics, Tilburg University, Netherlands*)
- Nina Cesare, Department of Sociology, University of Washington   2014-2017
  Research Scientist, School of Public Health, Boston University
  (*First position: Digital Data Researcher, Institute for Health Metrics and Evaluation
  at the University of Washington*)
- Shawn Walker, Information School, University of Washington   2016-2017
  (*First position: tenure-track Assistant Professor at Arizona State University*)

Supervisory and/or Reading Committee

- Sarah Nguyễn, Information School, University of Washington   2024-present
- Ihsan Kahveci, Sociology, University of Washington   2023-present
- Katherine Cross, Information School, University of Washington   2022-present
- Stephanie Lee, Department of Sociology, University of Washington   2014-present
- Shruti Phadke, Information School, University of Washington   2021-2023
  (*First position: TikTok Research*)
- Tom Wilson, HCDE, University of Washington   2019-2021
  (*First position: Twitter, Inc.*)
- Jason Portenoy, Information School, University of Washington   2017-2021
  (*First position: Visiting Researcher, Allen Institute for AI*)
- Lavi Aulck, Information School, University of Washington   2016-2019
  (*First Position: Data Scientist, University of Washington*)
- Joshua Williams, Jackson School, University of Washington   2015-2017
  (*First position: Social Science Analyst for the Assistant Secretary for Planning and
  Evaluation, U.S. Department of Health and Human Service*)
- Jeff Hemsley, Information School, University of Washington   2014
  (*First position: tenure-track Assistant Professor at Syracuse University*)

Graduate School Representative

- Betty Cohn, Public Health Genetics, UW   2024-present
- Archana Nandakumar, Industrial and Systems Engineering, UW   2023-present
- Serin Lee, Industrial and Systems Engineering, UW   2022-2024

(*First position: TBD*)

- Tal August, Computer Science and Engineering, UW   2021-2022
  (*First position: Young Investigator, Allen Institute for AI*)
- Lucy Lin, Computer Science and Engineering, UW   2020-2021
  (*First position: Spotify Research*)
- Katherine Idziorek, Urban Design and Planning, UW   2018-2021
  (*First position: Assistant Professor, Department of Geography and Earth Sciences, University of North Carolina, Charlotte*)
- Nate TeBlunthuis, Department of Communication, UW   2017-2021
  (*First position: Postdoctoral Fellow, Northwestern University*)
- Yunkang Yang, Department of Communication, UW   2016-2020
  (*First position: Postdoctoral Research Scientist at the Institute for Data, Democracy & Politics, George Washington University*)
- Lanu Kim, Department of Sociology, University of Washington   2018
  (*First position: Postdoctoral Scholar, Stanford University*)
- Paul L. Vines, CSE, University of Washington   2016-2017
  (*First position: Principal Cybersecurity Research Engineer at BAE Systems*)
- Leila R. Zelnick, Department of Biostatistics, UW   2015
  (*First position: Research Assistant Professor at University of Washington*)

External Committee Member

- Jihye Song, University of Central Florida   2021-present

General Exam Committee

- Elizabeth Nova, Sociology, University of Washington   TBD
- Izzi Grasso, Information School, University of Washington   Summer 2024
- Kristen Engel, Information School, University of Washington   Spring 2024
- Kayla Duskin, Information School, University of Washington   Spring 2024
- Stephen Prochaska, Information School, University of Washington   Spring 2024
- Julie Vera, HCDE, University of Washington   Spring 2024
- Sydney DeMets, Information School, University of Washington   Winter 2024
- Ihsan Kahveci, Sociology, University of Washington   Autumn 2023
- Sarah Nguy˜ên, Information School, University of Washington   Spring 2023
- A. Beers, HCDE, University of Washington   Winter 2023
- Emily Porter, Information School, University of Washington   Autumn 2022
- Serin Lee, Industrial Systems & Engineering, UW   Spring 2022
- Shruti Phadke, Information School, University of Washington   Autumn 2021
- Yim Register, Information School, University of Washington   Summer 2021
- Leo Stewart, Information School, University of Washington   Spring 2021
- Tal August, Computer Science and Engineering, UW   Winter 2021
- Lucy Lin, Computer Science and Engineering, UW   Spring 2020
- Tom Wilson, HCDE, University of Washington   Spring 2019
- Katherine Idziorek, Urban Design and Planning, UW   Spring 2019
- Nate TeBlunthuis, Communication, University of Washington   Spring 2018
- Lovenoor Aulck, Information School, University of Washington   Autumn 2017
- Jason Portenoy, Information School, University of Washington   Spring 2017
- Li Zeng, Information School, University of Washington   Winter 2017
- Nina Cesare, Sociology, University of Washington   Autumn 2015
- Philip Reed, Information School, University of Washington   Autumn 2014

UW iSchool Advisory Committee, Chair/Co-Chair

- Saloni Dash, Information School   2023-present
- Kristen Engel, Information School   2022-2024

• Izzi Grasso, Information School	2021-2024
• Sydney DeMets, Information School	2021-2024
• Kayla Duskin, Information School	2021-2024
• Sarah Nguyen, Information School	2021-2023
• Emily Porter, Information School	2018-2022
• Yim Register, Information School	2020-2021
• Leo Stewart, Information School	2018-2021
• Li Zeng, Information School	2015-2017

UW iSchool Advisory Committee

• Mouly Dewan, Information School	2024-present
• Soham De, Information School	2024-present
• Lindsey Schwartz, Information School	2024-present
• Neelesh Agrawal, Information School	2023-2024
• Stephen Prochaska, Information School	2023-2024
• Sarah Nguyen, Information School	2021-2023
• Lovenoor Aulck, Information School	2015-2017
• Jason Portenoy, Information School	2015-2017
• Guanghua Chi, Information School	2015-2016
• Niall Keleher, Information School	2015-2016
• Philip Reed, Information School	2014-2015
• Muhammad Raza Rehman, Information School	2014-2015

UNDERGRADUATE RESEARCH MENTORING

- Joseph Schafer, Undergraduate Thesis, Computer Science & Engineering, University of Washington. Autumn 2021 - Spring 2022. Went on to pursue PhD at University of Washington. (Joint with Kate Starbird, UW HCDE)
  Mary Gates Research Scholarship Recipient, Winter 2022

- Kaitlyn Zhou, Independent Research, Computer Science & Engineering, University of Washington. Autumn 2018 - Spring 2019. Went on to pursue PhD at Stanford University. (Joint with Kate Starbird, UW HCDE)
  Dean's Medal for Academic Excellence from the UW College of Engineering, 2018

- Zoë Bill, Department of Sociology, University of Washington. Undergraduate Honors Thesis Co-mentor, Winter and Spring 2015. (Joint with Emilio Zagheni, UW Department of Sociology)
  Mary Gates Research Scholarship Recipient, Spring 2015

- Logan Walls, "Did You Hear about the Computer that Can Detect Rumors?: An Algorithmic Approach to Rumor Detection." Undergraduate Research Symposium, University of Washington. Went on to pursue PhD at University of Michigan.

- Harrison T. Reeder, Department of Mathematics and Statistics, Carleton College. Carleton College Kolenkow-Reitz Fund for Undergraduate Research Recipient, Summer 2014. Went on to pursue PhD at Harvard University. (Joint with Tyler McCormick, UW Department of Sociology and Statistics)

OTHER MENTORING & ADVISING

- Sadelle Paulsen, Paul D. Schreiber High School, Port Washington, New York. Mentor for Regenron and LISEF Science Competitions submission.

- Benjamin Chan, INFO Research Capstone, Information School, University of Washington. Autumn 2021 - Spring 2023. (Joint with Jin Ha Lee, UW iSchool)

- Emma May, Independent Research, Information School, University of Washington. Autumn - Spring 2022. (Joint with Jin Ha Lee, UW iSchool)

- Shouyang Wang, MSIM Research Capstone, Information School, University of Washington. Autumn 2021 - Spring 2022. (Joint with Zack Almquist, UW Sociology)

- Center for an Informed Public Undergraduates Researchers; Co-mentoring 3 students with Dr. Kate Starbird (UW HCDE) and Dr. Jevin West (UW iSchool). Summer 2020.

- Noelle Merclich, GenOM Big Data ALVA Summer Research Student, University of Washington. Summer 2016. Went on to pursue BS in Computer Science at UW. (Joint with Kate Starbird, UW HCDE)

- Victor M. Morales, Department of Sociology, University of Washington. Undergraduate Honors Thesis co-mentor, Winter and Spring 2016.

- NSF Research Experiences for Undergraduates: Tracking the Online Spread of Misinformation after Disaster Events; Co-mentoring 6 students with Dr. Kate Starbird (UW, HCDE) and Dr. Robert Mason (UW, iSchool). Summer 2015, Summer 2016.

- Katherine Zhu, "Exploring Young Adults' Drinking Behavior via Digital Traces on Social Media." Undergraduate Research Symposium, University of Washington.

PROFESSIONAL
MEMBERSHIPS
- ACM SIGCHI
- American Sociological Association (ASA)
- American Statistical Association (ASA)
- Association for the Advancement of Artificial Intelligence (AAAI)
- International Communication Association (ICA)
- International Network for Social Network Analysis (INSNA)
- Population Association of America (PAA)

PROFESSIONAL
DEVELOPMENT
- Holistic Mentorship and Creating a Positive Research Climate Webinar March 2024
  Faculty Council on Research, University of Washington

  Topics covered may include individual development plans, creating an inclusive research environment, resources and strategies for dealing with conflict, wellbeing and mental health, UW resources for supporting students and faculty, and the impact/importance of holistic mentorship in higher education and research.

- Reflection & Practice Series
  Center for Teaching & Learning, University of Washington
  - Alternative Grading   May 2024
  - Teaching Strategies that Serve Neurodiverse Students   February 2024

- Trauma-informed Peer Support Training   Autumn 2022
  Allies Program, University of Washington

  Allies are faculty volunteers who provide trainees with support during conflict with mentors and lab mates, assistance in navigating institutional barriers to success, and connection with institutional and community services. Allies stand in solidarity with trainees, so they dont have to face challenges alone.

- Be REAL (Resilient Attitudes & Living)   January 2022 - March 2022
  Center for Child & Family Well-Being and Resilience Lab, University of Washington

  Be REAL is a campus community program that promotes the well-being and resilience of youth and college students. The group program is grounded in mindfulness, self-compassion, cognitive-behavioral coping strategies, and neuroscience.

- Opportunities in Leadership Program   2021-2022
  Office for Faculty Advancement, University of Washington

  The Opportunities in Leadership Program (OLP) responds to the Universitys need for regular and consistent training of its unit-level leadership. The OLP curriculum emphasizes creating a culture of excellence and covers key areas every chair or director should be aware of.

- Equity in Graduate Education Summit   April 2021
  Office of Equity and Justice in Graduate Programs, University of Washington

  The summit guides faculty, staff, graduate students, and campus leaders to not simply observe or feel bad about inequalities in graduate education, but to learn the tools to change those inequalities.

- Faculty Success Program   2018
  National Center for Faculty Development and Diversity (NCFDD)

  This intensive online program is our most popular program. It helps non-tenure track, tenure-track, and tenured faculty develop the skills necessary to increase research and writing productivity while maintaining a healthy work-life balance.