Brian C. Keegan, Ph.D.

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Research areas	Computational social science; network science; computer-supported cooperative work; social computing; human-centered & public interest data science

Appointments

University of Colorado, Boulder	Boulder, Colorado, USA
Assistant Professor, Department of Information Science	2016 – present
By courtesy, Department of Computer Science	2016 – present
Affiliate, Research and Education Addressing Cannabis and Health	2017 – present
Affiliate, Population Center, Institute for Behavioral Science	2018 – present
Affiliate, American Politics Research Lab, Political Science	2018 – present
Affiliate, Natural Hazards Center, Institute for Behavioral Research	2019 – present
Faculty Fellow, ATLAS Institute	2019 – present

Harvard Business School	Boston, Massachusetts, USA
Research Associate, HBS Online	2014 – 2016

Northeastern University	Boston, Massachusetts, USA
Post-Doctoral Research Fellow, Lazer Lab	2012 – 2014

Education

Northwestern University	Evanston, Illinois, USA
Ph.D., Media, Technology, and Society	2012
M.A., Media, Technology, and Society	2010

Massachusetts Institute of Technology	Cambridge, Massachusetts, USA
S.B., Science, Technology, and Society	2006
S.B., Mechanical Engineering	2006

Academic and professional honors

2019	Honorable Mention, Best Paper; ACM CSCW.
2017	Participant, Leadership in Science Policy Institute; Computing Community Consortium.
2015	Honorable Mention, Best Paper; ACM CSCW.
2011	Best Paper; ACM Conference on Web Science.
	Best Paper; The Game Behind the Video Game.
	Best Student Paper; Communication and Technology Division, ICA.
2010	Honorable Mention, Best Paper; ACM CSCW.
2005	John Burchard Scholar; MIT School of Humanities, Arts, and Social Sciences.

Awards and funding

NOTE: Total amount awarded to PI Keegan: $999,892.

G9 **Keegan, B.C.** (Aug. 2024–May 2025). "Demography and Extremism." CU Population Center, Institute for Behavioral Science. ($500).

G8 **Keegan, B.C.** & Fiesler, C. (Dec. 2022–Sep. 2023). "RAPID: Documenting and understanding large-scale migrations between social media platforms." NSF CISE Cyber-Human Systems ($95,201). https://www.nsf.gov/awardsearch/showAward?AWD_ID=2309485

G7 Jones, H.L. & **Keegan, B.C.** (July. 2023–Jul. 2024). "Network perspectives on collective memory processes across the Arabic and English Wikipedias." Wikimedia Research Fun ($40,000). `https://meta.wikimedia.org/wiki/Grants:Programs/Wikimedia_Research_Fund/Network_perspectives_on_collective_memory_processes_across_the_Arabic_and_English_Wikipedias`

G6 **Keegan, B.C.** (sub-contractor), Shenoy, N. & Baranowski, R. (Co-PIs). (Dec. 2020–May 2021). "TEACHR: Technical Explanation of Algorithmic Choice Hierarchy and Reasoning." AFWERX ($300,000, $70,000 to Keegan).

G5 **Keegan, B.C.** & Tan, C. (Co-PIs). (Oct. 2019–Sep. 2023). "CHS: Small: A Genealogical Framework to Understand the Emergence of Online Groups." NSF CISE Cyber-Human Systems ($499,724). `https://www.nsf.gov/awardsearch/showAward?AWD_ID=1910225`

G4 **Keegan, B.C.** (PI). (Apr. 2019–May 2021). "Multiplayer Online Battle Arenas as Models of High-Tempo Virtual Teams." Oracle for Research Cloud Credits ($25,000).

G3 **Keegan, B.C.** (PI). (Apr. 2018–May 2021). "EAGER: Social Dynamics of Organizational Behavior in Temporary Virtual Teams." NSF CISE Cyber-Human Systems ($199,864). `https://www.nsf.gov/awardsearch/showAward?AWD_ID=1841374`

G2 **Keegan, B.C.** (PI), Lindquist, T., Adler, S. (Sep. 2017–May 2018). "Prosopographical data mining for analyzing multiple network among members of U.S. Congress since 1789." CU Boulder RIO Innovative Seed Grant Program ($49,603).

G1 **Keegan, B.C.** (PI). (Sep. 2017–May 2018). "Multiplayer Online Games as Models of Organizational Behavior." Microsoft Azure Research Award ($20,000).

Publications	**NOTE:** Student authors marked with ⋆. Awards marked with ⚲.

Journal articles

J13 Smith, C.J., Vergara, D., **Keegan, B.C.**, Jikomes, N. (2022). "The phytochemical diversity of commercial Cannabis in the United States." *PLoS ONE*, 17(5). `https://doi.org/10.1371/journal.pone.0267498`

J12 Wirfs-Brock, J.,⋆ Fam, A., Devendorf, L., & **Keegan, B.C.** (2021). "Examining Narrative Sonification: Using First-Person Retrospection Methods to Translate Radio Production to Interaction Design." *ACM Transactions on Computer-Human Interaction* (ToCHI), 28(6), 1–34. `https://doi.org/10.1145/3461762`

J11 Vergara, D., Gaudino, R., Blank, T., & **Keegan, B.C.** (2020). "Modeling cannabinoids from a large-scale sample of Cannabis sativa chemotypes." *PLoS ONE*, 1–17. `https://doi.org/10.1371/journal.pone.0236878`

J10 Porter, E.,⋆ Krafft, P.M., & **Keegan, B.C.** (2020). "Visual Narratives and Collective Memory across Peer-Produced Accounts of Contested Sociopolitical Events." *ACM Transactions on Social Computing*, 3(1), 1–20. `https://doi.org/10.1145/3373147`

J9 Anderson, A., Soden, R., **Keegan, B.C.**, Palen, L., & Anderson, K. (2018). "The Crowd is the Territory: Assessing Quality in Peer-Produced Spatial Data During Disasters." *International Journal of Human-Computer Interaction*, 34(4), 295–310. `https://doi.org/10.1080/10447318.2018.1427828`

J8 Radford, J., Pilny, A., Reichelmann, A., **Keegan, B.C.**, Foucault-Welles, B., Hoye, J., Ognyanova, K., & Lazer, D. (2016). "Volunteer Science: An Online Laboratory for Experiments in Social Psychology." *Social Psychology Quarterly*, 79(4), 376–396. `https://doi.org/10.1177%2F0190272516675866`

J7 Margolin, D., Goodman, S., **Keegan, B.C.**, Lin, Y.R., & Lazer, D. (2015). "Wiki-Worthy: Judging a Candidate's Notability in the Community." *Information, Communication and Society*, 19(8), 1029–1045. `https://doi.org/10.1080/1369118X.2015.1069871`

J6   Kennedy, R., Forbush, E., **Keegan, B.C.**, & Lazer, D. (2015). "Turning Introductory Comparative Politics and Elections Courses into Social Science Research Communities Using Wikipedia: Improving Both Teaching and Research." *PS: Political Science and Politics*, 48(2), 378–384. `doi:10.1017/S1049096514002157`

J5   Lin, Y.R., **Keegan, B.C.**, Margolin, D., & Lazer, D. (2014). "Rising tides or rising stars? Dynamics of shared attention on Twitter during media events." *PLoS ONE*, 1–12. `https://doi.org/10.1371/journal.pone.0094093`

J4   **Keegan, B.C.**,⋆ Gergle, D., & Contractor, N. (2013). "Hot off the Wiki: Structures and Dynamics of Wikipedia's Coverage of Breaking News Events." *American Behavioral Scientist*, 57(5), 595–622. `https://doi.org/10.1177%2F0002764212469367`

J3   Contractor, N., DeChurch, L.A., Carson, J.,⋆ Carter, D.R.,⋆ & **Keegan, B.C.**⋆ (2012). "The Topology of Collective Leadership." *The Leadership Quarterly*, 23(6), 994–1011. `https://doi.org/10.1016/j.leaqua.2012.10.010`

J2   **Keegan, B.C.**, Ahmad, MA, Williams, D, Srivastava, J, Contractor, N. (2011) "What can gold farmers teach us about criminal networks?" *XRDS: Crossroads*, 17(3). ACM. `https://xrds.acm.org/article.cfm?aid=1925043`

J1   Williams, D., Castronova, E., Huang, Y., Shen, C.,⋆ **Keegan, B.C.**,⋆ Ratan, R.,⋆ & Xiong, L.⋆ (2009). "As real as real? Macroeconomic behavior in a large-scale virtual world." *New Media & Society*, 11, 685–707. `https://doi.org/10.1177%2F1461444809105346`

Archival conference proceedings

NOTE: "N.R." means acceptance rate is not reported.

C32   Smith, C.E., Klassen, S., Prinster, G.H.,⋆ Tan, C. & **Keegan, B.C.** (2024). "Governance of the Black Experience on Reddit: r/BlackPeopleTwitter as a Case Study in Supporting Sense of Virtual Community for Black Users." In *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* (CSCW), 8. ACM. (N.R. acceptance)

C31   Prinster, G.H.,⋆ Smith, C. E., Tan, C., & **Keegan, B.C.** (2024). "Community Archetypes: An Empirical Framework for Guiding Research Methodologies to Reflect User Experiences of Sense of Virtual Community." In *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* (CSCW), 8. ACM. (N.R. acceptance)

C30   Doyle, D. T.,⋆ Ghosh, J. K., Suchocki, R., **Keegan, B. C.**, Voida, S., & Brubaker, J. R. (2024). "Stories That Heal: Characterizing and Supporting Narrative for Suicide Bereavement." In *Proceedings of the International AAAI Conference on Web and Social Media*, 18, 354–366. `https://doi.org/10.1609/icwsm.v18i1.31319` (N.R. acceptance)

C29   Smith, C.E., Alam, I.,⋆ Tan, C., **Keegan, B.C.**, & Blanchard, A. (2022). "The Impact of Governance Bots on Sense of Virtual Community: Development and Validation of the GOV-BOTs Scale." In *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* (CSCW), 6, 1–30. ACM. `https://doi.org/10.1145/3555563` (N.R. acceptance)

C28   Zhang, J.S.,⋆ **Keegan, B.C.**, Lv, Q., & Tan, C. (2021). "Understanding the Diverging User Trajectories in Highly-related Online Communities during the COVID-19 Pandemic." In *Proceedings of the 2021 AAAI Conference on Web and Social Media* (ICWSM), 15(1), 888–899. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/18112` (20% acceptance)

C27   Baumgartner, J., Zannettou, S., **Keegan, B.C.**, Squire, M., & Blackburn, J. (2020). "The Pushshift Reddit Dataset." In *Proceedings of the 2020 AAAI Conference on Web and Social Media* (ICWSM), 14(1), 830–839. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/7347` (24% acceptance)

C26 Fiesler, C., Beard, N.,* & **Keegan, B.C.** (2020). "No Robots, Spiders, or Scrapers: Legal and Ethical Regulation of Data Collection Methods in Social Media Terms of Service." In *Proceedings of the 2020 AAAI Conference on Web and Social Media* (ICWSM), 14(1), 187-196. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/7290` (24% acceptance)

⚢ C25 Frey, S., Krafft, P.M.,* & **Keegan, B.C.** (2019). "'This Place Does What It Was Built For': Digital Institution Design as a Resource Management Challenge." In *Proceedings of the 2019 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 3, 1–31. ACM. `https://dl.acm.org/doi/10.1145/3359134` (31% acceptance) ***Honorable Mention, Best Paper***.

C24 **Keegan, B.C.** (2019). "The Dynamics of Peer-Produced Political Information During the 2016 U.S. Presidential Campaign." In *Proceedings of the 2019 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 3, 1–20. ACM. `https://doi.org/10.1145/3359135` (31% acceptance)

C23 Flores-Saviaga, C.,* Savage, S., & **Keegan, B.C.** (2018). "Mobilizing the Trump Train: Understanding Collective Action in a Political Trolling Community." In *Proceedings of the 2018 AAAI International Conference on Web and Social Media* (ICWSM), 12(1), 82–91. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/15024` (16% acceptance)

C22 **Keegan, B.C.** & Fiesler, C. (2017). "The Evolution and Consequences of Peer Producing Wikipedia's Rules." In *Proceedings of the 2017 AAAI International Conference on Web and Social Media* (ICWSM), 11(1), 112–121. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/14899` (13% acceptance)

C21 Twyman, M.,* **Keegan, B.C.**, & Shaw, A. (2017). "Black Lives Matter in Wikipedia: Collaboration and Collective Memory around Online Social Movements." In *Proceedings of the 2017 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 1400–1412. ACM. `https://doi.org/10.1145/2998181.2998232` (25% acceptance)

C20 Leavitt, A.,* **Keegan, B.C.**, & Clark, J.* (2016). "Ping to Win? Non-Verbal Communication and Team Performance in Competitive Online Multiplayer Games." In *Proceedings of the 2016 ACM Conference on Human-Computer Interaction* (CHI), 4337–4350. ACM. `https://doi.org/10.1145/2858036.2858132` (23% acceptance)

C19 Kim, J.Y.,* **Keegan, B.C.**, Park, S.J.,* & Oh, A. (2016). "The Proficiency-Congruency Dilemma: Virtual Team Design and Performance in Multiplayer Online Games." In *Proceedings of the 2016 ACM Conference on Human-Computer Interaction* (CHI), 4351-4365. ACM. `https://doi.org/10.1145/2858036.2858464` (25% acceptance)

C18 **Keegan, B.C.**, Lev, S., & Arazy, O. (2016). "Analyzing Organizational Routines in Online Knowledge Collaborations: A Case for Sequence Analysis in CSCW." In *Proceedings of the 2016 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 1065–1079. ACM. `https://doi.org/10.1145/2818048.2819962` (25% acceptance)

C17 Kim, J.W.,* Kim, D.,* **Keegan, B.C.**, Kim, J.H.,* Kim, S.,* & Oh, A. (2015). "Social Media Dynamics of Global Co-presence During the 2014 FIFA World Cup." In *Proceedings of the 2015 ACM Conference on Human-Computer Interaction* (CHI), 2623–2632. ACM. `https://doi.org/10.1145/2702123.2702317` (23% acceptance)

⚢ C16 **Keegan, B.C.** & Brubaker, J.* (2015). "'Is' to 'Was': Coordination and Commemoration on Posthumous Wikipedia Biographies." In *Proceedings of the 2015 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 533–546. ACM. `https://doi.org/10.1145/2675133.2675238` (28% acceptance) ***Honorable Mention, Best Paper***.

C15 Hannak, A.,* Margolin, D., **Keegan, B.C.**, & Weber, I. (2014). "Get Back! You Don't Know Me Like That: The Social Mediation of Fact Checking Interventions in Twitter Conversations." In *Proceedings of the Eighth International AAAI Conference on Weblogs and Social Media* (ICWSM), 187–196. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/14555` (23% acceptance)

C14 Lin, Y.R., Margolin, D., **Keegan, B.C.**, Baronchelli, A., & Lazer, D. (2013). "#Big-birds Never Die: Understanding Social Dynamics of Emergent Hashtags." In *Proceedings of the Seventh International AAAI Conference on Weblogs and Social Media* (ICWSM), 7(1), 370–379. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/14407` (21% acceptance)

C13 Lin, Y.R., Margolin, D., **Keegan, B.C.**, & Lazer, D. (2013). "Voices of Victory: A Computational Focus Group Framework for Tracking Opinion Shift in Real Time." In *Proceedings of the 22nd International World Wide Web Conference* (WWW), 737–748. ACM. `https://doi.org/10.1145/2488388.2488453` (15% acceptance)

C12 **Keegan, B.C.**,* Ceni, A., & Smith, M. (2013). "Analyzing Multi-Dimensional Networks within MediaWikis." In *Proceedings of the Ninth International Symposium on Wikis and Open Collaboration* (WikiSym), 1–10. ACM. `https://doi.org/10.1145/2491055.2491056` (51% acceptance)

C11 **Keegan, B.C.**★ (2013). "A History of Newswork on Wikipedia." In *Proceedings of the Ninth International Symposium on Wikis and Open Collaboration* (WikiSym), 1–10. ACM. `https://doi.org/10.1145/2491055.2491062` (51% acceptance)

C10 **Keegan, B.C.**,★ Gergle, D., & Contractor, N. (2012). "Do Editors or Articles Drive Collaboration? Multilevel Statistical Network Analysis of Wikipedia Coauthorship." In *Proceedings of the 2012 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 427–436. ACM. `https://doi.org/10.1145/2145204.2145271` (40% acceptance)

C9 **Keegan, B.C.**,★ Gergle, D., & Contractor, N. (2012). "Staying in the Loop: Structure and Dynamics of Wikipedia's Breaking News Collaborations." In *Proceedings of the Eighth International Symposium on Wikis and Open Collaboration* (WikiSym), 1–10. ACM. `https://doi.org/10.1145/2462932.2462934` (57% acceptance)

C8 Ahmad, M.A.,★ **Keegan, B.C.**,★ Srivastava, J., Williams, D., & Contractor, N. (2011). "Trust Amongst Rogues? A Hypergraph Approach for Comparing Clandestine Trust Networks in MMOGs." In *Proceedings of the Fifth International AAAI Conference on Weblogs and Social Media* (ICWSM), 5(1), 10–17. AAAI. `https://ojs.aaai.org/index.php/ICWSM/article/view/14125` (N.R. acceptance)

C7 Ahmad, M.A.,★ **Keegan, B.C.**,★ Sullivan, S.,★ Williams, D., Srivastava, J., & Contractor, N. (2011). "Illicit Bits: Detecting and Analyzing Contraband Networks in Massively Multiplayer Online Games." In *Proceedings of the Third IEEE Conference on Social Computing* (SocialCom), 127–134. IEEE. `https://doi.org/10.1109/PASSAT/SocialCom.2011.183` (N.R. acceptance)

C6 **Keegan, B.C.**,★ Gergle, D., & Contractor, N. (2011). "Hot off the Wiki: Dynamics, Practices, and Structures in Wikipedia's Coverage of the Tōhoku Catastrophes." In *Proceedings of the Seventh International Symposium on Wikis and Open Collaboration* (WikiSym), 105–113. ACM. (N.R. acceptance) `https://doi.org/10.1145/2038558.2038577`

⚥ C5 **Keegan, B.C.**,★ Ahmad, M.A.,★ Williams, D., Srivastava, J., & Contractor, N. (2011). "Sic Transit Gloria Mundi Virtuali? Promise and Peril at the Intersection of Computational Social Science and Online Clandestine Organizations." In *Proceedings of the Third International ACM Conference on Web Science* (WebSci), 1–8. ACM. `https://doi.org/10.1145/2527031.2527057` (17% acceptance) *Best Paper*.

C4 **Keegan, B.C.**,★ Ahmad, M.A.,★ Williams, D., Srivastava, J., & Contractor, N. (2010). "Dark Gold: Statistical Properties of Clandestine Networks in Massively Multiplayer Online Games." In *Proceedings of the Second IEEE Conference on Social Computing* (SocialCom), 201–208. IEEE. `https://doi.org/10.1109/SocialCom.2010.36` (N.R. acceptance)

⚥ C3 **Keegan, B.C.**★ & Gergle, D. (2010). "Egalitarians at the Gate: One-Sided Gatekeeping Practices in Participatory Social Media." In *Proceedings of the 2010 ACM Conference on*

Computer-Supported Collaborative Work (CSCW), 131–134. ACM. `https://doi.org/10.1145/1718918.1718943` (20% acceptance) ***Honorable Mention, Best Note***

C2 Ahmad, M.A.,* **Keegan, B.C.,*** Srivastava, J., Williams, D., Contractor, N. (2009). "Mining for Gold Farmers: Automatic Detection of Deviant Players in MMOGs." In *Proceedings of the First IEEE Conference on Social Computing* (SocialCom), 340–345. IEEE. `https://doi.org/10.1109/CSE.2009.307` (9% acceptance)

C1 Huang, Y., Zhu, M.,* Wang, J.,* Pathak, N.,* Shen, C.,* **Keegan, B.C.,*** Williams, D., Contractor, N. (2009). "The Formation of Task-oriented Groups: Exploring Combat Activities in Online Games." *In Proceedings of the First IEEE Conference on Social Computing* (SocialCom), 122–127. IEEE. `https://doi.org/10.1109/CSE.2009.465` (9% acceptance)

Book chapters

B2 **Keegan, B.C.** (2021) "An Encyclopedia with Breaking News." In J. Reagle & J. Koerner (Eds.), *Wikipedia @ 20*, 55-70. MIT Press. `https://doi.org/10.7551/mitpress/12366.003.0007`

B1 **Keegan, B.C.** (2015). "Emergent Social Roles in Wikipedia's Breaking News Collaborations." In E. Bertino & S.A. Matei (Eds.), *Roles, Trust, and Reputation in Social Media Knowledge Markets*, 57-79. Springer. `https://doi.org/10.1007/978-3-319-05467-4_4`

Work in progress

X9 **Keegan, B.C.** (TBD). *The Greatest Shortcoming: Malthusianism and Data Science in an Age of Ecofascism.*

X8 **Keegan, B.C.** (TBD). "Understanding Stigmergic and Accumulative Processes in Online Knowledge Collaborations with Sequence Networks."

X7 Nicholson, M.N.,* **Keegan, B.C.**, Payne, B.H.,* & Fiesler, C. (TBD). "Motivations and Challenges with the Twitter Migration."

X6 **Keegan, B.C.** & Carrasco, H. (TBD). "Exploratory Data Auditing: A Typology of Behavioral Anomalies Using U.S. House of Representatives Disbursements."

X5 Kahn, Y., Vergara, D., & **Keegan, B.C.** (TBD). "Robust Anomalies in Analytical Test Results Across Legal Cannabis Markets in the United States."

X4 **Keegan, B.C.** (TBD). "War Mapping on Wikipedia: High-Tempo Online Collaboration and Genealogies of Spatial Infrastructuring."

X3 Jones, H.L.* & **Keegan, B.C.** (2024). "Cross-Language Evolution of Divergent Collective Memory Around the Arab Spring." `https://arxiv.org/abs/2404.10706`

X2 Zhang, X.* & **Keegan, B.C.** (2022). "Characterizing disruptions in online gaming behavior following software patches." `https://arxiv.org/abs/2207.02736`

X1 **Keegan, B.C.** & Tan, C. (2020). "A Quantitative Portrait of Wikipedia's High-Tempo Collaborations during the 2020 Coronavirus Pandemic." `https://arxiv.org/abs/2006.08899`

Non-reviewed publications

Z2 Matias, J.N., Johnson, A., Boesel, W.E., **Keegan, B.C.**, Friednman, J., & DeTar, C. (2015) "Reporting, Reviewing, and Responding to Harassment on Twitter." `https://arxiv.org/abs/1505.03359`

Z1 **Keegan, B.C.**, Horn, D., Finholt, T.A., Kaye, J. (2013) "Structure and Dynamics of Coauthorship, Citation, and Impact within CSCW." `http://arxiv.org/abs/1307.7172`

Workshops, panels, posters, consortia

W30 Jones, H.L.,* & **Keegan, B.C.** (2024) "Temporal Clustering of Wikipedia Outlinks as Collective Memory Processes." Wiki Workshop.

W29 Nicholson, M.N.,* Fiseler, C., & **Keegan, B.C.** (2024). "Truthiness and Activity Counts: The Challenges and Opportunities of Enumerating Behavior in Decentralized Social Media." 1st International Workshop on Decentralizing the Web (DeWeb), International AAAI Conference on Web and Social Media (ICWSM). Buffalo, NY, USA.

W28 Jones, H.L.,* & **Keegan, B.C.** (2024). "Divergent Collective Memory Processes Surrounding the Arab Spring." 11th Annual Asian Meeting of the Society for Political Methodology, Abu Dhabi, United Arab Emirates.

W27 Nicholson, M.N.,* **Keegan, B.C.**, & Fiesler, C. (2023). "Mastodon Rules: Characterizing Formal Rules on Popular Mastodon Instances." In *Companion Publication of the 2023 Conference on Computer Supported Cooperative Work and Social Computing* (CSCW). Minneapolis, Minnesota, USA. `https://doi.org/10.1145/3584931.3606970`

W26 Wirfs-Brock, J.,* Graze, M., Devendorf, L., Desjardins, A., Goudarzi, V., Friske, M., & **Keegan, B.C.** (2022). "Sketching Across the Senses: Exploring Sensory Translation as a Generative Practice for Designing Data Representations." In *Extended Abstracts of 2022 ACM SIGCHI Conference on Human Factors in Computing Systems* (CHI). New Orleans, LA, USA. `https://doi.org/10.1145/3491101.3503712`

W25 Hill, B.M., Siddarth, D., **Keegan, B.C.**, & Foote, J. (2021). J. Fan & S. Frey (Mod.), "Investigating Self-Governing Online Commons." International Association for the Study of the Commons (IASC). Virtual.

W24 Dalal, S.* & **Keegan, B.C.** (2020). "Governing the Commons of Platform Labor Data Assets." CSCW 2020 Workshop on Civic Technologies. Virtual.

W23 Boyd, A.* & **Keegan, B.C.** (2020). "Intersectional human-centered data science: Raising consciousness among the data-driven." CSCW 2020 Workshop on Interrogating Data Science. Virtual.

W22 **Keegan, B.C.** (2020). "Building a data science mindset." CSCW 2020 Workshop on Interrogating Data Science. Virtual.

W21 Dioun, C., Fata, E., Lewandowski, B., Seaborn, P. (2019). **B. Keegan** (Mod.), "Data Analytics in the Cannabis Industry." Institute for Cannabis Research 2019. Pueblo, CO, USA.

W20 **Keegan, B.C.** (2018). Quantitative Research Methods seminar. Interdisciplinary Training in the Social Sciences, Colleges of Arts and Sciences, University of Colorado Boulder, Boulder, CO, USA.

W19 **Keegan, B.C.** & Morgan, A.* (2018). Summer Institute for Computational Social Science. Boulder, CO, USA.

W18 **Keegan, B.C.** & Vergara, D. (2018). Colloquium on Cannabis Research. Center for Research and Education Addressing Cannabis and Health. Boulder, CO, USA.

W17 **Keegan, B.C.**, Kaye, J., Cavazos-Rehg, P., de Choudhury, M., Nguyen, A.N., Paul, M.J., Savage, S. (2017). "CHI-nnabis: Implications of Marijuana Legalization for and from Human-Computer Interaction." In *Extended Abstracts of 2017 ACM SIGCHI Conference on Human Factors in Computing Systems* (CHI), 1312–1317. Denver, CO, USA. `https://doi.org/10.1145/3027063.3051139`

W16 **Keegan, B.C.** & Matias, J.N.* (2016). "Actually, It's About Ethics in Computational Social Science: A Multi-party Risk-Benefit Framework for Online Community Research." AAAI Spring Symposium on Observational Studies through Social Media and Other Human-Generated Content. Stanford, CA, USA.

W15 Schillebeeckx, S.J.D., Grosman, A., Parmar, R., Miller, S., Haesler, J., Chow, G., & **Keegan, B.C.**, Koutroumpis, P., & Wattal, S. (2015). "Big Data in Universities: Building New Capabilities for Education, Research, and Practice." Professional Development Workshop, 2015 Academy of Management Annual Meeting. Vancouver, BC, Canada.

W14 Hughes, A., **Keegan, B.C.** Leavitt, A., Semaan, B., Starbird, K. (2015). "Cross-Platform Research Agenda for Crisis Informatics." 2015 Consortium for the Science of Sociotechnical Systems (CSST) Summer Research Institute. Colorado Springs, CO, USA.

W13 **Keegan, B.C.** (2015). "Research in the Time of Technopanics." Workshop on Ethics for Studying Sociotechnical Systems in a Big Data World. In *Proceedings of the 2015 ACM Conference on Computer-Supported Cooperative Work* (CSCW). Vancouver, BC, Canada.

W12 Counts, S., de Choudhury, M., Diesner, J., Gilbert, E., **Keegan, B.C.**, Naaman, M., & Wallach, H. (2014). "Computational Social Science: CSCW in the Social Media Era." In *Proceedings of the 2014 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 105–108. `https://doi.org/10.1145/2556420.2556849`

W11 **Keegan, B.C.** (2013). Digital Societies and Social Technologies Summer Institute, University of Maryland. College Park, MD, USA.

W10 Halfaker, A., Geiger, R.S., Terveen, L., Lampe, C., Bruckman, A., **Keegan, B.C.**, Fitzpatrick, G., & Kittur, A., (2013). "Community, Impact, and Credit: Where Should I Submit My Papers?" In *Proceedings of 2013 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 89–94. `https://doi.org/10.1145/2441955.2441980`

W9 Lin, Y.R., Margolin, D., **Keegan, B.C.**, Martino, M., Goodman, S., & Lazer, D. (2013). "Catching Fish in the Stream: Real Time Analysis of Audience Behavior in Social Media." In *Proceedings of 2013 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 187–190. ACM. `https://doi.org/10.1145/2441955.2442002`

W8 Halfaker, A.,* **Keegan, B.C.**, Forte, A., Geiger, R.S.,* Taraborelli, D., Pinchuk, M., Masli, M. (2012). "What Aren't We Measuring?: Methoding for Quantifying Wiki-Work." In *Proceedings of Eighth International Symposium on Wikis and Open Collaboration* (WikiSym), 1–6. ACM. `https://doi.org/10.1145/2462932.2462983`

W7 Bernstein, M.,* Conover, M.,* Geiger, R.S.,* Hill, B.M.,* **Keegan, B.C.**,* Monroy-Hernandez, A.,* Shaw, A.,* Yardi, S.,* & Bruckman, A. (2012). "Fail Whaling: Designing from Deviance and Failures in Social Computing." In *Proceedings of 2012 ACM SIGCHI Conference on Human Factors in Computing Systems* (CHI), 1127–1130. ACM. `https://doi.org/10.1145/2212776.2212403`

W6 **Keegan, B.C.**,* (2012). "Breaking News on Wikipedia: Dynamics, Structures, and Roles in High-Tempo Collaboration." Doctoral Consortium, In *Proceedings of 2012 ACM Conference on Computer-Supported Cooperative Work* (CSCW), 315–318. ACM. `https://doi.org/10.1145/2141512.2141609`

W5 **Keegan, B.C.**,* (2012). "Breaking News on Wikipedia: Dynamics, Structures, and Roles in High-Tempo Collaboration." Doctoral Consortium, In *Proceedings of the 2012 iConference*. Toronto, Canada.

W4 **Keegan, B.C.**,* Ahmad, M.A.,* Sullivan, S.,* Williams, D., Srivastava, J., & Contractor, N. (2011). "Untangling Dark Webs: Theories, Methods, and Models for a Computational Social Science of Clandestine Networks." In *Proceedings of Third IEEE International Conference on Social Computing*. Boston, MA, USA.

W3 **Keegan, B.C.**,* (2011). "Breaking News on Wikipedia: Dynamics, Structures, and Practices of High-Tempo Collaboration." Doctoral Symposium, In *Proceedings of the Seventh International Symposium on Wikis and Open Collaboration*. Mountain View, CA, USA.

W2 **Keegan, B.C.**,* (2011). "Breaking News on Wikipedia: Dynamics, Structures, and Practices of High-Tempo Self-Organized Collaboration." 2011 Social Computational Systems Workshop. Minneapolis, MN, USA.

W1 Ettema, J., Fullerton, L.,* **Keegan, B.C.,*** Menchen-Trevino, E.,* & Sandvig, C. (2009). "Listening for the Wisdom of Crowds: New Media and New Forms of Knowledge." 2009 International Communication Association. Chicago, IL, USA.

Conference presentations

NOTE: The presentations listed below are not associated with any archival publication above.

P31 **Keegan, B.C.** (2018). "The Dynamics of Peer-Produced Information During the 2016 U.S. Presidential Campaign." In *Proceedings of the 2018 AAAI International Conference on Web and Social Media* (ICWSM). Stanford, CA, USA.

P30 Fiesler, C., Beard, N.,* **Keegan, B.C.** (2018) "No Robots, Spiders, or Scrapers: Regulation of Data Collection Methods in Social Media Terms of Service." In *Proceedings of the 2018 AAAI International Conference on Web and Social Media* (ICWSM). Stanford, CA, USA.

P29 Porter, E.* & **Keegan, B.C.** (2018). "Visual Rhetoric and Collective Memory across Peer-Produced Accounts of Political Crises." 2018 International Conference on Computational Social Science (IC2S2). Evanston, IL, USA.

P28 **Keegan, B.C.** (2018). "The Dynamics of Peer-Produced Political Information During the 2016 U.S. Presidential Campaign." 2018 International Conference on Computational Social Science (IC2S2). Evanston, IL, USA.

P27 **Keegan, B.C.** (2018). "A Research Agenda for Cannabis Informatics." 2018 Institute for Cannabis Research (ICR) Conference. Pueblo, CO, USA.

P26 **Keegan, B.C.** (2017). "The Evolution and Consequences of Peer Producing Wikipedia's Rules." 2017 International Conference on Computational Social Science (IC2S2). Köln, Germany.

P25 Twyman, M.,* **Keegan, B.C.**, Shaw, A. (2017). "Black Lives Matter in Wikipedia: Collaboration and Collective Memory around Online Social Movements." 2017 International Conference on Computational Social Science (IC2S2). Köln, Germany.

P24 **Keegan, B.C.** (2017). "The Structure of Sequences: Mining and Interpreting Networks from Event Log Data." Sunbelt XXXVII. International Network for Social Network Analysis. Beijing, China.

P23 Zhang, A.* & **Keegan, B.C.** (2017) "Exploration and Exploitation of Team Assembly Strategies in a MOBA." Sunbelt XXXVII. International Network for Social Network Analysis. Beijing, China.

P22 **Keegan, B.C.** (2016). "The Structure of Sequences: Mining and Interpreting Networks from Event Log Data." 2016 International Conference on Computational Social Science (IC2S2). Evanston, IL, USA.

P21 Radford, J.,* **Keegan, B.C.**, Hoye, J., Karbeyaz, C.,* Ognyanova, K., Foucault-Welles, B., Meleis, W., & Lazer, D. (2015). "Conducting Massively Open Online Social Experiments with Volunteer Science." 2015 International Conference on Web and Social Media (ICWSM), Social Science non-archival track. Oxford, UK.

P20 Lin, Y.R., **Keegan, B.C.**, Margolin, D., & Lazer, D. (2014). "Did You See That? Shared Attention to Media Events on Twitter." 2014 International Communication Association Annual Conference (ICA). Seattle, WA, USA.

P19 **Keegan, B.C.** (2014) "Sociotechnical Trajectories: A Structural Framework for Analyzing Event Log Data." 2014 International Communication Association Annual Conference (ICA). Seattle, WA, USA.

P18 **Keegan, B.C.**, Tsur, O., Kennedy, R., & Lazer, D. (2013). "Mining Complex Networks from Official Congressional Biographies." Fifth Workshop on Information in Networks (WIN). New York City, NY, USA.

P17 **Keegan, B.C.**, Riedl, C., Lazer, D., & Contractor, N. (2013). "Multidimensional Networks in Crowdsourced Creative Collaboration." Fifth Workshop on Information in Networks (WIN). New York City, NY, USA.

P16 **Keegan, B.C.**, Goodman, S., Kennedy, R., & Lazer, D. (2013). "Building the Iron Cage: The Evolution of Multidimensional Networks in the U.S. Congress (1776–2013) and Catholic Hierarchy (1774–2013)." 2013 International Workshop and Conference on Network Science (NetSci). Copenhagen, Denmark.

P15 Goodman, S., Margolin, D., **Keegan, B.C.**, Lin, Y.R., & Lazer, D. (2013). "Open Source Predictors of Electoral Success." 2013 American Political Science Association Annual Meeting (APSA). Chicago, IL, USA.

P14 Goodman, S., Margolin, D., **Keegan, B.C.**, Lin, Y.R., & Lazer, D. (2013). "Big Data as Big Canaries: Comparison of Open Source Indicators of Electoral Success." 71st Annual Conference of the Midwest Political Science Association (MPSA). Chicago, IL, USA.

P13 **Keegan, B.C.**, Lin, Y.R., & Lazer, D. (2013). "Ripples on the Web: Diffusion of Activity Bursts Across Hyperlink Networks in Wikipedia." Sunbelt XXXIII, International Network for Social Network Analysis. Hamburg, Germany.

P12 Lin, Y.R., Margolin, D., **Keegan, B.C.**, & Lazer, D. (2013). "#Bigbirds Never Die: The Formation of Consensus in Response to Novel Information." Sunbelt XXXIII, International Network for Social Network Analysis. Hamburg, Germany.

P11 Margolin, D., **Keegan, B.C.**, & Lazer, D. (2013). "Wisdom of the Network: Reducing Correlated Errors through Inferred Diffusion." Sunbelt XXXIII, International Network for Social Network Analysis. Hamburg, Germany.

P10 **Keegan, B.C.**, Karbeyaz, C.,* Meleis, W., & Lazer, D. (2013). "Volunteer Science: Online Behavioral Experiments Using Facebook as a Subject Pool." Sunbelt XXXIII, International Network for Social Network Analysis. Hamburg, Germany.

P9 **Keegan, B.C.** (2012). "Comparative Analysis of Coauthorship Networks on Wikipedia Breaking News Articles." Sunbelt XXXII, International Network for Social Network Analysis. Redondo Beach, CA, USA.

P8 Chang, C.,* **Keegan, B.C.**, Bennett, N., Lungeanu, A., Gilborne, J., & Contractor, N. (2012). "Multidimensional Networks in Crowdsourced Collaboration." Sunbelt XXXII, International Network for Social Network Analysis. Redondo Beach, CA, USA.

⚲ P7 **Keegan, B.C.**,* (2011). "Breaking News, Breaking Planes, and Breaking Hearts: Psycholinguistic Dynamics and Sensemaking in Collaborative Accounts of Catastrophe." 2011 International Communication Association Annual Conference (ICA). Boston, MA, USA. *Best Student Paper, Communication and Technology division.*

⚲ P6 **Keegan, B.C.**,* Ahmad, M.A.,* Williams, D., Srivastava, J., & Contractor, N. (2011). "Mapping Gold Farming Back to Offline Clandestine Organizations: Methodological, Theoretical, and Ethical Challenges." The Game Behind the Video Game: Business, Regulation, and Society in the Gaming Industry. Rutgers University, New Brunswick, NJ, USA. **Best Paper.**

P5 **Keegan, B.C.**,* Gergle, D., & Contractor, N. (2011). "A Multi-theoretical, Multi-level Model of High Tempo Collaboration in an Online Community." Sunbelt XXXI, International Network for Social Network Analysis. St. Petersberg, FL, USA

P4 **Keegan, B.C.**,* Ahmad, M.A.,* Williams, D., Srivastava, J., & Contractor, N. (2011). "Using ERGMs to Map Online Clandestine Behavior to Offline Criminal Activity." Sunbelt XXXI, International Network for Social Network Analysis. St. Petersberg, FL, USA.

P3 Williams, D., Castronova, E., Huang, Y., Shen, C.,* **Keegan, B.C.**,* Ratan, R.,* Xiong, L.,* & Contractor, N. (2009). "As real as real? Macroeconomic behavior in a large-scale virtual world." 2009 International Communication Association Annual Conference (ICA). Chicago, IL, USA.

P2 **Keegan, B.C.*** (2009). "Are Wikipedians Really Gamers? A ludological perspective on the motivational literature and implications for designing participatory environments." Internet Research 10.0, Association of Internet Researchers (AoIR). Milwaukee, WI, USA.

P1 Fullerton, L.,* **Keegan, B.C.**,* & Menchen-Trevino, E.* (2009). "Institutionalizing notability on Wikipedia: process, policy and change." Internet Research 10.0, Association of Internet Researchers (AoIR). Milwaukee, WI, USA.

Invited talks and lectures

T30 "Sports, Analytics, & Surveillance." CMCI 4021: Prime Time: Public Performance and Leadership, University of Colorado. Boulder, Colorado. 15 February 2024.

T29 "Networks and Computational Social Science." Interdisciplinary Quantitative Biology, BioFrontiers Institute. Boulder, Colorado. 7 March 2024.

T28 "High-Tempo Collaborations Following Software Patches in Gaming Communities." Games Research Group, University of Southern California. Los Angeles, California. 11 May 2022.

T27 "Governing the COVID-19 Knowledge Commons on Wikipedia." Interdisciplinary Training in the Social Sciences, University of Colorado. Boulder, Colorado. 1 June 2021.

T26 "This Place Does What It Was Built For: Designing Digital Institutions of Participatory Change." Center for Democracy and Technology, University of Colorado. Virtual. 1 December 2020.

T25 "The Dynamics of Peer-Produced Political Information During the 2016 U.S. Presidential Campaign." Wikimedia Research Showcase, Wikimedia Foundation. Virtual. 18 December 2019.

T24 "The Limitations of Fact-Checking." CSCI 7000: Technology and Democracy. University of Colorado. Boulder, Colorado. 29 January 2019.

T23 "The Evolution and Consequences of Peer Producing Wikipedia's Rules." Citizen and Elite Activity on Wikipedia, Hertie School of Governance. Berlin, Germany. 14–15 December 2017.

T22 "A Sequence Analysis Agenda for Computational Social Science." Institute for Behavioral Science. Boulder, Colorado. 26 October 2017.

T21 "Peer Production Engagement Patterns." Tandon School of Engineering, New York University. Brooklyn, New York. 8–9 September 2017.

T20 "Implicit bias in virtual team formation processes." Gendered Creative Teams Workshop, Central European University. Budapest, Hungary. 25–26 May 2017.

T19 "Socio-Technical Systems Under Stress." Department of Computer Science, KAIST. Daejon, South Korea. 29–30 April 2017.

T18 "A Sequence Analysis Agenda for Computational Social Science." Neukom Institute, Dartmouth College, Hanover, New Hampshire. 13–14 May 2017.

T17 "Survey of Exponential Random Graph Models & Stochastic Actor-Oriented Models." ISAT/DARPA Symbiotic Architecture for Social Simulation, University of Southern California. Los Angeles, California. 28–29 October 2016.

T16 "Bringing Sequence Analysis into Computational Social Science." Symposium on Technology-based Cooperation, Leibniz-Institute für Wissensmedien, Tübingen, Germany. 2–3 June 2016.

T15 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Department of Communication, University of California, Davis. 12 May 2016.

T14 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Neukom Institute, Dartmouth College. Hanover, New Hampshire. 7–8 April 2016.

T13 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." AI Seminar, Information Sciences Institute, University of Southern California. Marina del Rey, California. 25 March 2016.

T12 Department of Data Science and Operations, USC Marshall School of Business. Los Angeles, California. 4 December 2015.

T11 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Department of Human-Centered Design and Engineering, University of Washington. Seattle, Washington. 18 November 2015.

T10 "First Among Equals: The Emergence and Evolution of Wikipedia's Networked Policy Regime." Workshop on Wikipedia Research, AAAI International Conference on Web and Social Media. Oxford, United Kingdom. 26 May 2015.

T9 "First Among Equals: The Emergence and Evolution of Wikipedia's Networked Policy Regime." Computational Social Science Summit, Northwestern University. Evanston, Illinois. 16–17 May 2015.

T8 "Socio-Technical Systems Under Stress." Microsoft Research. Redmond, Washington. 2–3 April 2015.

T7 "Socio-Technical Systems Under Stress." Human-Computer Interaction Institute Colloquium, Carnegie Mellon University. Pittsburgh, Pennsylvania. 3 December 2014.

T6 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Informatics Institute, University of Missouri. Columbia, Missouri. 7 October 2014.

T5 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Interdisiplinary Committee on Organizational Studies, University of Michigan. Ann Arbor, Michigan. 12 September 2014.

T4 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Computational Approaches to Social Modeling, ACM Web Science Conference. Bloomington, Indiana. 24–26 April 2014.

T3 "The Social Mediation of Fact Checking Interventions in Twitter Conversations." Northeast Political Methodology Workshop, New York University. New York, New York. 2 May 2014.

T2 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Center for Research on Computation and Society, Harvard University. Cambridge, Massachusetts. 10 February 2014.

T1 "Narrating with Networks: Making Sense of Event Log Data with Networks and Sequences." Symposium on User Behavior and Content Generation, Zentrum für Europäische Wirtschaftsforschung. Mannheim, Germany. 8–9 November 2013.

Teaching			
2024	INFO 4871/5871: Web Data Science (Fall)		N=22
	INFO 3402: Information Exposition (Spring)		N=36
2023	INFO 3402: Information Exposition (Fall)		N=20
	INFO 4871/5871: Web Data Science (Fall)		N=28
	INFO 3402: Information Exposition (Spring)		N=50
2022	INFO 3402: Information Exposition (Fall)		N=20
	INFO 4613/5613: Network Science (Fall)		N=10

	INFO 3402: Information Exposition (Spring)	N=60
2021	INFO 4613/5613: Network Science (Fall, New Course)	N=22
	INFO 3402: Information Exposition (Spring, Redesign)	N=59
	ARSC 5040: Web Data Scraping (Spring, Mini-course)	N=12
2020	INFO 3401: Information Exploration (Fall, Redesign)	N=46
2019	INFO 3402: Information Exposition (Fall)	N=25
	INFO 3402: Information Exposition (Spring)	N=14
	ARSC 5040: Web Data Scraping (Spring, New Course, Mini-course)	N=10
2018	INFO 3501/5501: Peer Production and Crowdsourcing (Fall)	N=15
	INFO 3402: Information Exposition (Spring, New Course)	N=10
	INFO 2201: Computational Reasoning 2 (Spring)	N=23
2017	INFO 2201: Computational Reasoning 2 (Spring, New Course)	N=15
2016	INFO 3501/5501: Peer Production and Crowdsourcing (Fall, New Course)	N=12

Research supervision

Post–doctoral researchers
- C. Estelle Smith. (2021 – 2022).
    - Placed: Tenure-track Assistant Professor, Department of Computer Science, Colorado School of Mines.

Ph.D students, primary or co-advisor
- Benjamin Emery, Information Science.   2023 – present
- Alex Newhouse, Political Science (with C. Boulding).   2023 – present
- Matthew Nicholson, Information Science (with B. Semaan).   2023 – present
- Leonardo Orozco, Ecology and Evolutionary Biology (with N. Kane).   2021 – present
- H. Laurie Jones, Information Science (with A. Siegel).   2021 – present
- Samantha Dalal, Information Science.   2020 – present
- Jordan Wirfs-Brock, Information Science (with L. Devendorf).   2017 – 2022
    - Dissertation: "Beyond the Bleeps & Bloops: Narrative, Multi-Sensory, and Social Approaches to Communicating Data with Sound."
    - Placed: Tenure-track Assistant Professor, Department of Computer Science, Whitman College, Walla-Walla, Washington.
- Alicia Boyd, Computer Science, DePaul University (with J. Furst).   2017 – 2021
    - Dissertation: "Quantitative Intersectional Data (QUINTA): A #metoo case study."
    - Placed: Post-doctoral research associate, Professor Anne L. Washington, NYU Steinhardt School, New York.
- Xiaozhe 'Arcadia' Zhang, Computer Science.   2016 – 2021
    - Dissertation: "Software Patches and Their Impacts on Online Gaming Communities."
    - Placed: Senior Data Scientist, EA Games, Redwood City, California.

Ph.D students, dissertation committee member
- Anas Buhayh, Information Science   2025
- Youngeun Choi, Economics   2023
- Maram Kurdi, Computer Science   2023
- Mikhaila Friske, Information Science   2023
- Yichen Wang, Computer Science   2022
- Evan Rowe, Media Studies   2022
- Anthony Pinter, Information Science   2022
- Ang Li, University of Pittsburgh   2021
- Patrick Gildersleve, Oxford Internet Institute   2021
- Aaron Jiang, Information Science   2020

- Wendy Norris, Information Science   2020
- Martina Balestra, NYU Tandon   2019
- Angelica Kalika, Journalism   2019
- Joseph Zamadics, Political Science   2019
- Melissa Bica, Computer Science   2019
- T. Jennings Anderson, Computer Science   2019
- Nora Connor, Computer Science   2017
- Abigail Jacobs, Computer Science   2017
- Sam F. Way, Computer Science   2017

Masters students, supervisor
- Jordan Kesner, INFO B.A.M.   2023 – 2025
- Jack Stein, INFO B.A.M.   2023 – 2025
- Elijah Boykoff, INFO B.A.M.   2023 – 2025
- Natalie Castro, INFO M.S.   2023 – 2024
- Cade Wilson, INFO B.A.M.   2022 – 2024
- Emily Porter, ATLAS M.S.   2017 – 2018
- Jacob Mink, Applied Math M.S.   2016 – 2017

Undergraduate students
- Andrew Schwartz, Information Science   2023 – 2024
- Gale Prinster, Sociology   2021 – 2023
- Vikki Wong, Marketing   2021
- William Egesdal, Computer Science   2021
- Tamer Shahwan, Computer Science   2021
- Zachary Girard, Evolutionary Biology   2021
- Andrew Gelfman, Computer Science   2018 – 2019
- Zack Salama, Computer Science   2018 – 2019
- Jack Sandberg, Information Science   2019
- Alejandro Camarago, Political Science   2018
- Joshua Edelmann, Political Science   2018
- Simon Furney, Political Science   2018
- Emma Lynch, Political Science   2018
- Sophia Tupper, Political Science   2018
- Suzannah Ranzo, Political Science   2017 – 2018
- Chelsea Campana, Political Science   2017 – 2018
- Henry Bowditch, Political Science   2017 – 2018
- Robert Reedy, Political Science   2017 – 2018

Service to university

SU15	*Ad hoc* advisory committee on decentralized social media, University.	2023 – present
SU14	Dean's Technology Advisory Council, CMCI.	2023 – present
SU13	Faculty affairs committee, INFO.	2021 – present
SU12	Faculty search committee, INFO.	2020 – 2021
SU11	Undergraduate curriculum committee, INFO.	2019 – 2021
SU10	*Ad hoc* committees on data analytics curricula, University.	2016 – 2018
SU9	Graduate student liasion, INFO.	2018 – 2019
SU8	Faculty search committee, INFO.	2017 – 2018
SU7	Reviewer, Research & Innovation Office Seed Grants, University.	2018
SU6	Exploratory committee for game studies, CMCI.	2017 – 2018
SU5	"One College" committee, CMCI.	2017 – 2018
SU4	Computational & quantitative curriculum design, INFO.	2017 – 2021
SU3	*Ad hoc* budget modeling & office design, INFO.	2016 – 2017
SU2	Faculty search committee, JOUR.	2016 – 2017

	SU1	CHI 2017 reception co-organizer, CMCI.	2016 – 2017

Service to profession			
	SP20	Associate Chair, Program Committee, ACM CSCW.	2016 – present
	SP19	Program Committee, Int'l. Conf. on Comp. Social Science (IC2S2).	2016 – present
	SP18	Senior Program Committee, AAAI ICWSM.	2014 – present
	SP17	Panelist, NSF CISE.	2021
	SP16	Reviewer, Swiss NSF.	2020
	SP15	Associate Chair, Program Committee, ACM CHI.	2016 – 2018
	SP14	Program Committee, Int'l Conf. on the World Wide Web (WWW).	2015 – 2018
	SP13	Panelist, NSF CISE.	2018
	SP12	Workshops Co-Chair, ACM CSCW.	2018
	SP11	Program Co-Chair, Int'l. Conf. on Comp. Social Science (IC2S2).	2017
	SP10	Workshops Co-Chair, AAAI ICWSM.	2017
	SP9	Program Committee, Int'l. Conf. on Network Science (NetSci).	2017
	SP8	Panelist, NSF CISE.	2017
	SP7	Publicity Co-Chair, Int'l. Conf. on Social Informatics (SocInfo).	2016
	SP6	Program Committee, Int'l. Conf. on Social Informatics (SocInfo).	2014 – 2016
	SP5	Program Committee, Int'l. Symp. on Open Collaboration (OpenSym).	2013 – 2016
	SP4	Publicity Co-Chair, ACM CSCW.	2015
	SP3	Publicity Co-Chair, AAAI ICWSM.	2014
	SP2	Steering Committee, ACM CSCW.	2012 – 2013
	SP1	Student Volunteer Co-Chair, ACM CSCW.	2013

Service to public			
	SC5	Editor, Boulder Housing Network.	2024 – present
	SC4	Board member, Cannabis Licensing & Advisory Board, City of Boulder.	2020 – present
	SC3	Board member, Industrial Hemp Research Foundation.	2019 – present
	SC2	Panelist, Cannabis Science and Policy Workgroup, CDPHE & MED.	2018 – 2019
	SC1	Mentor, CanopyBoulder.	2017 – 2019

Press coverage

N32 Drugan, T. "A call to ban the sale of high-potency THC products in Boulder amid rising teen mental health concerns." *Boulder Reporting Lab.* https://boulderreportinglab.org/2024/06/09/a-call-to-ban-the-sale-of-high-potency-thc-products-in-boulder-amid-rising-teen-mental-health-concerns/ 9 June 2024.

N31 Cleveland, C. "10 years of recreational cannabis research: What we've learned and what's still unknown." *Colorado Matters.* 30 November 2022. https://www.cpr.org/2022/11/30/colorado-recreational-cannabis-research/

N30 Swearingen, D. "Cannabis hospitality future still uncertain in Boulder." *Daily Camera.* 2 October 2022. https://www.dailycamera.com/2022/10/02/cannabis-hospitality-future-still-uncertain-in-boulder/

N29 Schaneman, B. "Inaccurate strain names, poor labeling hinder marijuana industry, study shows." *Marijuana Business Daily.* 16 June 2022. https://mjbizdaily.com/inaccurate-strain-names-poor-labeling-hinder-marijuana-industry/

N28 Finley, B. "Marijuana labeling system 'not an effective or safe way' to detail what's inside product, CU study finds." *Daily Camera.* 20 May 2022. https://www.dailycamera.com/2022/05/20/marijuana-labels-indica-sativa-cu-study/

N27 Pasternack, A. "How 9/11 turned a new site called Wikipedia into history's crowdsourced front page." *Fast Company.* 11 September 2021. https://www.fastcompany.com/90674998/how-9-11-turned-a-new-site-called-wikipedia-into-historys-crowdsourced-front-page

N26 Harrison, S. "How Wikipedia Grew Up With the War on Terror." *Slate.* 8 September 2021. https://slate.com/technology/2021/09/wikipedia-september-11-20th-anniversary.html

N25 Sachdev, S. "Wikipedia's Sprawling, Awe-Inspiring Coverage of the Pandemic." *The New Republic.* 26 February 2021. https://newrepublic.com/article/161486/wikipedia-

coverage-pandemic-covid

N24 Gedye, G. "When the Capitol Was Attacked, Wikipedia Went to Work." *Washington Monthly*. 4 February 2021. https://washingtonmonthly.com/2021/02/04/when-the-capitol-was-attacked-wikipedia-went-to-work/

N23 Lopez, M. "Social media helps bring people together, but in this political climate it's tearing us apart." *Denver* 7. 1 February 2021. https://www.thedenverchannel.com/news/360/social-media-helps-bring-people-together-but-in-this-political-climate-its-tearing-us-apart

N22 Pasternack, A. "As a mob attacked the Capitol, a crowd built Wikipedia." *Fast Company*. 14 January 2021. https://www.fastcompany.com/90593176/wikipedia-capitol-attack-name

N21 Geoghegan, C. "As Colorado Jumps Into New Marijuana Businesses, Boulder Stays Still." *Westword*. 28 December 2020. https://www.westword.com/marijuana/boulder-stays-still-colorado-jumps-into-new-marijuana-businesses-11855744

N20 Gossett, S. "The Internet Should Be More Like Wikipedia." *Built In*. 13 October 2020. https://builtin.com/founders-entrepreneurship/wikipedia

N19 "Machine Learning provides insight into cannabis strains." *Laboratory News*. 30 September 2020. https://www.labnews.co.uk/article/2030874/machine-learning-provides-insight-into-cannabis-strains

N18 Bunch, J. "Hate speech is a difficult constitutional conversation." *Colorado Politics*. 13 July 2020. https://www.coloradopolitics.com/news/insights-hate-speech-is-a-difficult-constitutional-conversation/article_40939b58-be51-11ea-a4b3-bb156d6ccaba.html

N17 Colomé, J.P. "La era del 'todo vale' en redes sociales se acaba." *El País*. 5 July 2020. https://elpais.com/tecnologia/2020-07-05/la-era-del-todo-vale-en-redes-sociales-se-acaba.html

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N15 Frank, J. "Should it be a felony to threaten elected officials? A Colorado bill is asking." *The Journal*. 31 January 2020. https://www.the-journal.com/articles/should-it-be-a-felony-to-threaten-elected-officials-a-colorado-bill-is-asking/

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Consulting	**Colvin Run Networks**	Arlington, Virginia
	Consultant	2019 – present
	Center for Media, Data and Society	Budapest, Hungary
	Consultant	2015 – 2016
	Ninja Metrics	Los Angeles, California
	Researcher	2011 – 2014
	Science and Technology Policy Institute	Washington, D.C.
	Consultant	2011