

# Brian C. Keegan, Ph.D.

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**Research areas** Computational social science; network science; computer-supported cooperative work; social computing; human-centered data science; cannabis informatics

**Appointments**

<b>University of Colorado, Boulder</b>	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 Research	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

<b>Harvard Business School</b>	Boston, Massachusetts, USA
Research Associate, HBS Online	2014 – 2016

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

**Education**

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

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

**Academic and professional honors**


- 2019 Honorary Mention, Best Paper; ACM CSCW.
- 2017 Participant, Leadership in Science Policy Institute; Computing Community Consortium.
- 2015 Honorary 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 Honorary Mention, Best Paper; ACM CSCW.
- 2005 John Burchard Scholar; MIT School of Humanities, Arts, and Social Sciences.

**Awards and funding**

- G.8 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](https://www.nsf.gov/awardsearch/showAward?AWD_ID=2309485)
- G.7 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\\_](https://meta.wikimedia.org/wiki/Grants:Programs/Wikimedia_)

Research\_Fund/Network\_perspectives\_on\_collective\_memory\_processes\_across\_the\_Arabic\_and\_English\_Wikipedias

- G.6 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 CU Boulder).
- G.5 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](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1910225)
- G.4 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).
- G.3 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](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1841374)
- G.2 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).
- G.1 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

- J.12 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>
- J.11 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)*, accepted.
- J.10 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>
- J.9 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>
- J.8 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>
- J.7 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/10.1177/0190272516675866>
- J.6 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>
- J.5 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

- J.4 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>
- J.3 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>
- J.2 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>
- J.1 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/10.1177/2F14614444809105346>

Top-tier  
conference  
proceedings

- C.21 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.
- C.20 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>
- C.19 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>
- C.18 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>
- C.17 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>
- 🏆 C.16 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> **Honorable Mention, Best Paper.**
- C.15 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>
- C.14 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>
- C.13 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>

- C.12 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>
- C.11 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>
- C.10 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>
- C.9 **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>
- C.8 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>
- 🏆 C.7 **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> *Honorable Mention, Best Paper.*
- C.6 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>
- C.5 Lin, Y.R., Margolin, D., **Keegan, B.C.**, Baronchelli, A., & Lazer, D. (2013). “#Bigbirds 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>
- C.4 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>
- C.3 **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>
- C.2 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>
- 🏆 C.1 **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> *Honorable Mention, Best Note.*

## Competitive conference proceedings

- R.9 **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>
- R.8 **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>
- R.7 **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>
- R.6 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>
- R.5 **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. <https://doi.org/10.1145/2038558.2038577>
- ✉ R.4 **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> *Best Paper*.
- R.3 **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>
- R.2 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>
- R.1 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>

## Book chapters

- B.2 **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>
- B.1 **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](https://doi.org/10.1007/978-3-319-05467-4_4)

## Conference presentations

- NOTE:** The presentations listed below are distinct and separate from the presentation of papers published in archival conference proceedings referenced above.
- P.31 **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.

- P.30 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.
- P.29 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.
- P.28 **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.
- P.27 **Keegan, B.C.** (2018). “A Research Agenda for Cannabis Informatics.” 2018 Institute for Cannabis Research (ICR) Conference. Pueblo, CO, USA.
- P.26 **Keegan, B.C.** (2017). “The Evolution and Consequences of Peer Producing Wikipedia’s Rules.” 2017 International Conference on Computational Social Science (IC2S2). Köln, Germany.
- P.25 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.
- P.24 **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.
- P.23 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.
- P.22 **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.
- P.21 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.
- P.20 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.
- P.19 **Keegan, B.C.** (2014) “Sociotechnical Trajectories: A Structural Framework for Analyzing Event Log Data.” 2014 International Communication Association Annual Conference (ICA). Seattle, WA, USA.
- P.18 **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.
- P.17 **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.
- P.16 **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.

- P.15 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.
- P.14 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.
- P.13 **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.
- P.12 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.
- P.11 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.
- P.10 **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.
- P.9 **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.
- P.8 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.
- ♀ P.7 **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.*
- ♀ P.6 **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.*
- P.5 **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. Petersburg, FL, USA
- P.4 **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. Petersburg, FL, USA.
- P.3 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.
- P.2 **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.
- P.1 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.

Workshops,  
panels,  
posters,  
consortia

- W.28 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.
- W.27 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>
- W.26 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>
- W.25 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.
- W.24 Dalal, S.\* & Keegan, B.C. (2020). "Governing the Commons of Platform Labor Data Assets." CSCW 2020 Workshop on Civic Technologies. Virtual.
- W.23 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.
- W.22 Keegan, B.C. (2020). "Building a data science mindset." CSCW 2020 Workshop on Interrogating Data Science. Virtual.
- W.21 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.
- W.20 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.
- W.19 Keegan, B.C. & Morgan, A.\* (2018). Summer Institute for Computational Social Science. Boulder, CO, USA.
- W.18 Keegan, B.C. & Vergara, D. (2018). Colloquium on Cannabis Research. Center for Research and Education Addressing Cannabis and Health. Boulder, CO, USA.
- W.17 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>
- W.16 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.
- W.15 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.
- W.14 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.



- W.13 **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.
- W.12 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>
- W.11 **Keegan, B.C.** (2013). Digital Societies and Social Technologies Summer Institute, University of Maryland. College Park, MD, USA.
- W.10 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>
- W.9 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>
- W.8 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>
- W.7 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>
- W.6 **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>
- W.5 **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.
- W.4 **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.
- W.3 **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.
- W.2 **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.
- W.1 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.

**Invited talks  
and lectures**

- T.22 Citizen and Elite Activity on Wikipedia, Hertie School of Governance. Berlin, Germany. 14–15 December 2017.
- T.21 Peer Production Engagement Patterns, Tandon School of Engineering, New York University. Brooklyn, New York. 8–9 September 2017.
- T.20 Gendered Creative Teams Workshop, Central European University. Budapest, Hungary. 25–26 May 2017.
- T.19 Department of Computer Science, KAIST. Daejeon, South Korea. 29–30 April 2017.
- T.18 Neukom Institute, Dartmouth College, Hanover, New Hampshire. 13–14 May 2017.
- T.17 ISAT/DARPA Symbiotic Architecture for Social Simulation, University of Southern California. Los Angeles, California. 28–29 October 2016.
- T.16 Symposium on Technology-based Cooperation, Leibniz-Institute für Wissensmedien, Tübingen, Germany. 2–3 June 2016.
- T.15 Department of Communication, University of California, Davis. 12 May 2016.
- T.14 Neukom Institute, Dartmouth College. Hanover, New Hampshire. 7–8 April 2016.
- T.13 AI Seminar, Information Sciences Institute, University of Southern California. Marina del Rey, California. 25 March 2016.
- T.12 Department of Data Science and Operations, USC Marshall School of Business. Los Angeles, California. 4 December 2015.
- T.11 Department of Human-Centered Design and Engineering, University of Washington. Seattle, Washington. 18 November 2015.
- T.10 Workshop on Wikipedia Research, AAAI International Conference on Web and Social Media. Oxford, United Kingdom. 26 May 2015.
- T.9 Computational Social Science Summit, Northwestern University. Evanston, Illinois. 16–17 May 2015.
- T.8 Microsoft Research. Redmond, Washington. 2–3 April 2015.
- T.7 Human-Computer Interaction Institute Colloquium, Carnegie Mellon University. Pittsburgh, Pennsylvania. 3 December 2014.
- T.6 Informatics Institute, University of Missouri. Columbia, Missouri. 7 October 2014.
- T.5 Interdisciplinary Committee on Organizational Studies, University of Michigan. Ann Arbor, Michigan. 12 September 2014.
- T.4 Computational Approaches to Social Modeling, ACM Web Science Conference. Bloomington, Indiana. 24–26 April 2014.
- T.3 Northeast Political Methodology Workshop, New York University. New York, New York. 2 May 2014.
- T.2 Center for Research on Computation and Society, Harvard University. Cambridge, Massachusetts. 10 February 2014.
- T.1 Symposium on User Behavior and Content Generation, Zentrum für Europäische Wirtschaftsforschung, Mannheim, Germany. 8–9 November 2013.

- Teaching**
- 2024 INFO 3402: Information Exposition (Spring, Fall)  
INFO 4871/5871: Web Data Science (Fall)
- 2023 INFO 3402: Information Exposition (Spring, Fall)  
INFO 4871/5871: Web Data Science (Fall)
- 2022 INFO 3402: Information Exposition (Spring, Fall)  
INFO 4613/5613: Network Science (Fall)
- 2021 INFO 3402: Information Exposition (Spring, Redesign)  
ARSC 5040: Web Data Scraping (Spring, Mini-course)  
INFO 4613/5613: Network Science (Fall, New Course)
- 2020 INFO 3401: Information Exploration (Fall, Redesign)  
(Parental leave in Spring)
- 2019 INFO 3402: Information Exposition (Fall and Spring)  
ARSC 5040: Web Data Scraping (Spring, New Course, Mini-course)
- 2018 INFO 2201: Computational Reasoning 2 (Spring)  
INFO 3402: Information Exposition (Spring, New Course)  
INFO 3501/5501: Peer Production and Crowdsourcing (Fall)
- 2017 INFO 2201: Computational Reasoning 2 (Spring, New Course)
- 2016 INFO 3501/5501: Peer Production and Crowdsourcing (Fall, New Course)
- Press coverage**
- 2024 Castle, S., **Keegan, B.C.**, & Wallach, M. “Fake News: An AI interview with Mark Wallach and Robot Mark Wallach.” *Boulder Weekly*. <https://boulderweekly.com/opinion/ai-wallach-gpt-boulder-weekly/>
- 2023 **Keegan, B.C.** “Three themes from Boulder’s 2023 election.” *Daily Camera*. 25 November 2023. <https://www.dailycamera.com/2023/11/25/guest-opinion-brian-keegan-three-themes-from-boulders-2023-election/>
- Keegan, B.C.** “Safe Zones is not a serious solution.” *Boulder Weekly*. 2 November 2023. <https://boulderweekly.com/opinion/safe-zones-is-not-a-serious-solution/>
- Keegan, B.C.** “Subordinating Council authority to previous ballot measures is a slippery slope.” *Daily Camera*. 6 September 2023. <https://www.dailycamera.com/2023/09/06/guest-opinion-brian-keegan-subordinating-council-authority-to-previous-ballot-measures-is-a-slippery-slope/>
- Keegan, B.C.** “Irresponsible rhetoric around occupancy ordinance process has no place in Boulder.” *Daily Camera*. 23 August 2023. <https://www.dailycamera.com/2023/08/23/guest-opinion-brian-keegan-irresponsible-rhetoric-around-occupancy-ordinance-process-has-no-place-in-boulder/>
- 2022 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/>
- Keegan, B.C.** “What is Mastodon? A social media expert explains how the ‘federated’ network works and why it won’t be a new Twitter.” *The Conversation*. 11 November 2022. <https://theconversation.com/what-is-mastodon-a-social-media-expert-explains-how-the-federated-network-works-and-why-it-wont-be-a-new-twitter-194329>
- Keegan, B.C.** “Opposition to even-year elections is grounded in vibes, not evidence.” *Daily Camera*. 14 October 2022. <https://www.dailycamera.com/2022/10/14/guest-opinion-brian-keegan-opposition-to-even-year-elections-is-grounded-in-vibes-not-evidence/>

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**Keegan, B.C.** “Odd election years are temporal gerrymandering.” *Daily Camera*. 9 August 2022. <https://www.dailycamera.com/2022/08/09/guest-opinion-brian-keegan-odd-election-years-are-temporal-gerrymandering/>

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2021 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>

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>

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**Keegan, B.C.** “Opinion: Colorado’s cannabis businesses may regret opting for delivery.” *The Colorado Sun*. 18 December 2020. <https://coloradosun.com/2020/12/18/cannabis-delivery-opinion/>

**Keegan, B.C.** “How Sept. 11 made Wikipedia what it is today.” *Slate*. 17 November 2020. <https://slate.com/technology/2020/11/wikipedia-september-11-breaking-news.html>

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2017 Gonzalez, R. "The New LinkedIn Looks Just Like Facebook. Smart Move." *WIRED*. January 20, 2017. <https://www.wired.com/2017/01/new-linkedin-looks-just-like-facebook-smart-move/>

2015 Rogers, A. "Google's Search Algorithm Could Steal the Presidency." *WIRED*. August 6, 2015. <http://www.wired.com/2015/08/googles-search-algorithm-steal-presidency/>

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2014 Kerr, J. "The Network of L.L. Bean Fall Home Catalogue Colors." *Gawker The New Englandah*. August 7, 2014. <http://newenglandah.kinja.com/the-network-of-l-l-bean-fall-home-catalogue-colors-1617506910>

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**Keegan, B.C.** “How does Wikipedia deal with a mass shooting? A frenzied start gives way to a few core editors.” Nieman Journalism Lab, Harvard University. December 18, 2012. <http://www.niemanlab.org/2012/12/how-does-wikipedia-deal-with-a-mass-shooting-a-frenzied-start-gives-way-to-a-few-core-editors/>

2011 Ford, H. “Wikipedia Isn’t Journalism, But Are Wikipedians Reluctant Journalists?” PBS Idea Lab. October 20, 2011. <http://www.pbs.org/idealab/2011/10/wikipedia-isnt-journalism-but-are-wikipedians-reluctant-journalists290/>

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**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.

<b>Service to university</b>	SU.13 Faculty affairs committee, Information Science.	2021 – present
	SU.12 Faculty search committee, Information Science.	2020 – 2021
	SU.11 Undergraduate curriculum committee, Information Science.	2019 – 2021
	SU.10 <i>Ad hoc</i> committees on data analytics curricula.	2016 – 2018
	SU.9 Graduate student liasion, Information Science.	2018 – 2019
	SU.8 Faculty search committee, Information Science.	2017 – 2018
	SU.7 Reviewer, Research & Innovation Office Seed Grants.	2018
	SU.6 Exploratory committee for game studies, CMCI.	2017 – 2018
	SU.5 “One College” committee, CMCI.	2017 – 2018
	SU.4 Computational & quantitative curriculum design, Information Science.	2017 – 2021
	SU.3 <i>Ad hoc</i> budget modeling & office design, Information Science.	2016 – 2017
SU.2 Faculty search committee, Journalism.	2016 – 2017	
SU.1 CHI 2017 reception co-organizer, CMCI.	2016 – 2017	

<b>Service to profession</b>	SP.20 Associate Chair, Program Committee, ACM CSCW.	2016 – present
	SP.19 Program Committee, Int’l. Conf. on Comp. Social Science (IC2S2).	2016 – present
	SP.18 Senior Program Committee, AAAI ICWSM.	2014 – present
	SP.17 Panelist, NSF CISE.	2021
	SP.16 Reviewer, Swiss NSF.	2020
	SP.15 Associate Chair, Program Committee, ACM CHI.	2016 – 2018
	SP.14 Program Committee, Int’l Conf. on the World Wide Web (WWW).	2015 – 2018
	SP.13 Panelist, NSF CISE.	2018
	SP.12 Workshops Co-Chair, ACM CSCW.	2018
	SP.11 Program Co-Chair, Int’l. Conf. on Comp. Social Science (IC2S2).	2017

	SP.10 Workshops Co-Chair, AAAI ICWSM.	2017
	SP.9 Program Committee, Int'l. Conf. on Network Science (NetSci).	2017
	SP.8 Panelist, NSF CISE.	2017
	SP.7 Publicity Co-Chair, Int'l. Conf. on Social Informatics (SocInfo).	2016
	SP.6 Program Committee, Int'l. Conf. on Social Informatics (SocInfo).	2014 – 2016
	SP.5 Program Committee, Int'l. Symp. on Open Collaboration (OpenSym).	2013 – 2016
	SP.4 Publicity Co-Chair, ACM CSCW.	2015
	SP.3 Publicity Co-Chair, AAAI ICWSM.	2014
	SP.2 Steering Committee, ACM CSCW.	2012 – 2013
	SP.1 Student Volunteer Co-Chair, ACM CSCW.	2013
<b>Service to public</b>	SC.4 Board member, Cannabis Licensing & Advisory Board, City of Boulder.	2020 – present
	SC.3 Board member, Industrial Hemp Research Foundation.	2019 – present
	SC.2 Mentor, CanopyBoulder.	2017 – 2019
	SC.1 Panelist, Cannabis Science and Policy Workgroup, CDPHE & MED.	2018 – 2019
<b>Research supervision</b>	<b>Post-doctoral researchers</b>	
	• C. Estelle Smith	2021 – 2022
	<b>Ph.D students, primary or co-advisor</b>	
	• Benjamin Emery, Information Science	2023 – present
	• Alex Newhouse, Political Science (with A. Siegel)	2023 – present
	• Matt Nicholson, Information Science (with B. Semaan)	2023 – present
	• Leo 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
	• Katy Weathington, Information Science (with J. Brubaker)	2020 – 2021
	• Jordan Wirfs-Brock, Information Science (with L. Devendorf)	2017 – 2022
	• Alicia Boyd, Computer Science, DePaul University (with J. Furst)	2017 – 2021
	• Xiaozhe 'Arcadia' Zhang, Computer Science	2016 – 2021
	<b>Ph.D students, dissertation committee member</b>	
	• Youngeun Choi, Economics	2023
	• Maram Kurdi, Computer Science	2023
	• Yichen Wang, Computer Science	2022
	• Evan Rowe, Media Studies	2022
	• Mikhaila Friske, Information Science	2023
	• 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**

- Andrew Schwartz, INFO B.A.M. 2023 – 2025
- 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. 2018
- Jacob Mink, Applied Math M.S. 2017

**Undergraduate students**

- Gale Prinster, Sociology 2021 – 2022
- 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
- Sphia 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



<b>Consulting</b>	<b>Colvin Run Networks</b> <i>Consultant</i>	Arlington, Virginia 2019 – 2022
	<b>Center for Media, Data and Society</b> <i>External consultant</i>	Budapest, Hungary 2015 – 2016
	<b>Ninja Metrics</b> <i>Affiliated researcher</i>	Los Angeles, CA 2011 – 2014
	<b>Science and Technology Policy Institute</b> <i>External consultant</i>	Washington, D.C. 2011
<b>Skills</b>	<b>Programming</b>	Python, R
	<b>Data analysis</b>	statsmodels, pandas, scikit-learn, Stata
	<b>Databases</b>	MySQL, PostgreSQL, sqlite, Neo4j, MongoDB
	<b>Network analysis</b>	networkx, Gephi, statnet, PNET, NodeXL
	<b>Data visualization</b>	matplotlib, seaborn, ggplot2, Gephi, vega-lite, altair
	<b>Web development</b>	HTML, CSS, Bootstrap, WordPress, Jekyll, Flask, Django