

# Jeremy Foote

## Curriculum Vitae

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### Appointments

#### Purdue University, West Lafayette, IN

2019– **Assistant Professor**, *Brian Lamb School of Communication*.

2023– **Core Faculty**, *Advanced Methods at Purdue*.

2020– **Affiliate Faculty**, *Integrative Data Science Initiative*.

2019–2023 **Affiliate Faculty**, *Advanced Methods at Purdue*.

2012–2014 **NSF-funded Research Assistant**, *V-ICED: Visually-Integrated Cyber Exploratorium for Design*, working under Lorraine Kisselburgh.

2013–2014 **NSF-funded Research Assistant**, *KredibleNet - Building a research community and proposing a research agenda for the study and modeling of reputation and authority across informal knowledge markets*, working under Sorin Matei.

2012–2014 **Teaching Assistant**, *Brian Lamb School of Communication*.

#### Northwestern University, Evanston, IL

2014–2019 **NSF-funded Research Assistant**, *Community Data Science Collective*, working under Aaron Shaw.

2012–2014 **Teaching Assistant**, *Media, Technology, and Society*.

### Education

2019 **Ph.D., Media, Technology, and Society**, *School of Communication, Northwestern University*, Evanston, IL.

Dissertation *The formation and growth of collaborative online organizations*

Committee Aaron Shaw (chair), Benjamin Mako Hill, Darren Gergle, Noshir Contractor

2014 **M.S., Media, Technology, and Society**, *School of Communication, Purdue University*, West Lafayette, IN.

Thesis *Online naturalization: Evolving roles in online knowledge production communities*

Committee Seungyoon Lee (chair), Lorraine Kisselburgh, Sorin Matei

2006 **B.A., English**, *Brigham Young University*, Provo, UT.

## Publications

### Refereed Articles

- 2023 **Foote, J.**, Treem, J., van den Hooff, B. J., Honcoop, M. (2023). Motivations to use multifunctional public goods in organizations: Using agent-based modeling to explore differential uses of enterprise social media. *Human Communication Research*. <https://doi.org/10.1093/hcr/hqad029>.
- 2023 Mann, M., Zulli, D., **Foote, J.**, Ku, E., Primm, E. (2023). Unsorted significance: Examining potential pathways to extreme political beliefs and communities on Reddit. *Socius*, 9. <https://doi.org/10.1177/23780231231174823>.
- 2023 **Foote, J.**, Shaw, A., Hill, B.M. (2023). Communication networks do not predict success in attempts at peer production. *Journal of Computer-Mediated Communication*. 28(3), <https://doi.org/10.1093/jcmc/zmad002>.
- 2022 **Foote, J.** (2022). A systems approach to studying online communities. *Media and Communication* <https://doi.org/10.17645/mac.v10i2.5042>.
- 2021 Hwang, S., **Foote, J.**(2021). Why do people participate in small online communities? *Proceedings of the ACM on Human-Computer Interaction*. (CSCW). <https://doi.org/10.1145/3479606>.
- 2018 **Foote, J.**, Contractor, N. (2018). The behavior and network position of peer production founders. *International Conference on Information (iConference 2018). Lecture Notes in Computer Science*. [https://doi.org/10.1007/978-3-319-78105-1\\_12](https://doi.org/10.1007/978-3-319-78105-1_12).
- 2017 **Foote, J.**, Gergle, D., Shaw, A. (2017). Starting online communities: motivations and goals of wiki founders. *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems (CHI 2017)*. <http://dx.doi.org/10.1145/3025453.3025639>.
- 2016 Lee, S., **Foote, J.**, Wittrock, Z., Xu, S., Niu, L., French, D. (2016). Adolescents' perception of peer groups: Psychological, behavioral, and relational determinants. *Social Science Research*. <http://dx.doi.org/10.1016/j.ssresearch.2016.12.005>.
- 2013 **Foote, J.** (2013). Speed That Kills: The Role of Technology in Kate Chopin's "The Story of an Hour". *The Explicator*, 71(2), 85-89. <http://dx.doi.org/10.1080/00144940.2013.779222>.

### Book Chapters

- 2023 **Foote, J.**, & Hwang, S. (in press). Online communities and big data. In T. Reimer, E. Park., & J. Bonito (Eds.), *Group Communication: An Advanced Introduction*. Routledge/Taylor and Francis.
- 2017 **Foote, J.**, Shaw, A., & Hill, B.M. (2017). A computational analysis of social media scholarship. In Burgess, J., Poell, T., Marwick, A. (Eds.), *The Sage Handbook of Social Media*. Sage. <http://dx.doi.org/10.4135/9781473984066.n7>.

- 2015 Matei, S. A., & **Foote, J.** (2015). Transparency, control, and content generation on Wikipedia: Editorial strategies and technical affordances. In S.A. Matei, M. G. Russell, E. Bertino (Eds.), *Transparency in Social Media*. (pp. 239–253). Springer. [https://doi.org/10.1007/978-3-319-18552-1\\_13](https://doi.org/10.1007/978-3-319-18552-1_13).
- 2014 Matei, S.A., Britt, B., Bertino, E., & **Foote, J.** (2014). The trajectory of current and future knowledge market research: Insights from the first KredibleNet Workshop. In E. Bertino & S. A. Matei (Eds.), *Roles, Trust, and Reputation in Social Media Knowledge Markets*. (pp. 169–196). Springer. [https://doi.org/10.1007/978-3-319-05467-4\\_11](https://doi.org/10.1007/978-3-319-05467-4_11).

### Theses

- 2019 Foote, J. (2019). The formation and growth of collaborative online organizations.
- 2014 Foote, J. (2014). Online Naturalization: Evolving Roles in Online Knowledge Production Communities. [https://docs.lib.purdue.edu/open\\_access\\_theses/424](https://docs.lib.purdue.edu/open_access_theses/424)

## Presentations

### Refereed Paper Presentations (Non-Archival)

Feld, S.\*, Tanaka, K., **Foote, J.**, Vachuska, K. Why The Friendship Paradox is Especially Strong For Weak Ties.

- 2022. INSNA Sunbelt. Cairns, Australia, July.

**Foote, J.**, Treem, J., van den Hooff, B. What Communication Supports Multifunctional Public Goods in Organizations? Using Agent-Based Modeling to Explore Differential Uses of Enterprise Social Media.

- 2022. Annual Meeting of the International Communication Association (ICA). Paris, France, May.

**Foote, J.** A systems approach to studying online communities.

- 2022. Annual Meeting of the International Communication Association (ICA). Paris, France, May.

Adekunle, T., **Foote, J.**, TeBlunthuis, N., Nelson, L. Co-Creating Risk Online: Exploring Conceptualizations of COVID-19 Risk in Ideologically Distinct Online Communities.

- 2022. Annual Meeting of the International Communication Association (ICA). Paris, France, May.

Zulli, D., Mann, M., **Foote, J.**, Ku, E., Primm, E. Pathways to radicalism: Examining online community and political pathways to more radical beliefs on Reddit.

- 2022. Association of Internet Researchers Conference. Dublin, Ireland, April.

**Foote, J.** Deciding Between Online Public Goods

- 2021. IASC 2021 Knowledge Commons Virtual Conference, Virtual, June

**Foote, J., Hill, B.M., TeBlunthuis, N.** An agent-based model of online community joining.

- 2018. International Conference on Computational Social Science. Evanston, IL, July.
- 2018. Annual Meeting of the International Communication Association (ICA). Prague, Czech Republic, May.
- 2018. Organizational Communication Mini Conference (OCMC). New Brunswick, NJ, October.

**Foote, J., Contractor, N.** The behavior and network position of peer production founders.

- 2017. Collective Intelligence Conference (CI). New York, NY, June.

**Foote, J., Shaw, A., Hill, B.M.** Social structures of productive online volunteer communities.

- 2016. Organizational Communication Mini-Conference (OCMC). Evanston, IL, October.
- 2016. Annual Meeting of the American Sociological Association (ASA). Seattle, WA, August.
- 2016. Annual Meeting of the International Communication Association (ICA). Fukuoka, Japan, June.
- 2016. International Network for Social Network Analysis Conference (Sunbelt). Newport Beach, CA, April.

**Foote, J.** Watch And learn: Activity contagion in an online genealogy network.

- 2014. International Network for Social Network Analysis Conference (Sunbelt). Poster. St. Pete Beach, FL, February.
- 2012. Purdue Graduate Student Research Conference. West Lafayette, IN.

Lee, S., **Foote, J.**, Wittrock, Z., French, D., Xu, S., & Niu, L. Adolescents' perceptions of friendship and peer groups.

- 2014. International Network for Social Network Analysis Conference (Sunbelt). St. Petes Beach, FL, February.

Kisselburgh, L.G., Chandrasegaran, S., **Foote, J.**, Badam, S.K., Gettings, P., Kristensen, T., Pepler, K., Elmquist, N., & Ramani, K. Visually-integrated collaborative ideation: Changing the dynamics of creativity in design teams.

- 2014. Annual Meeting of the International Communication Association (ICA). Seattle, WA.

Gettings, P., Kristensen, T., **Foote, J.**, Kisselburgh, L.G., Badam, S.K., Chandrasegaran, S., & Ramani, K. Communicative bursts and idea sharing in collaborative engineering design processes.

- 2014. Annual Meeting of the International Communication Association (ICA), Seattle, WA.

Matei, S.A., Wei, W., Zhu, M., Liu, C., Bertino, E., & **Foote, J.** Elite Size and Resilience Impact on Global System Structuration in Social Media.

- 2014. International Conference on Collaboration Technologies and Systems (CTS). Minneapolis, MN.

Kisselburgh, L., Chandrasegaran, S., **Foote, J.**, Gettings, P., Kristensen, T. M., & Ramani, K. The social ecologies of collaborative design in Visually Integrated Cyber-enabled Design (V-ICED) environments.

- 2013. Annual Convention of the National Communication Association (NCA). Washington, DC.

#### Invited Talks and Presentations

- 2022 "Network analysis for C-SPAN video research". Center for C-SPAN Scholarship & Engagement (CCSE). Purdue University. November 14, 2022.
- 2022 "Using social media and online community data for social science research". Office of Research, Innovation and Collaboration (ORIC), College of Education and Human Ecology, Ohio State University. Feb 11, 2022.
- 2019 "Community data science." Advanced Methods at Purdue flash presentations, September 17, 2019.
- 2019 "The formation and growth of collaborative online organizations." Brian Lamb School of Communication, Purdue University. January 16, 2019.
- 2014 "Online naturalization." Wilmette Illinois Family History Center.

#### Invited Workshops

- 2019 "Organizational Communication." Presented at "Expanding Computational Communication: Towards a Pipeline for Graduate Students and Early Career Scholars." ICA Preconference organized by Josephine Lukito, Nate TeBluntuis, and Frederic Hopp. Washington, D.C. May 24, 2019.
- 2017 Workshop on emergent behavioral trajectories & roles in online communities. Organized by Oded Nov, Coye Cheshire, and Martina Balestra, New York University, New York, New York, September 8-9, 2017.
- 2017 Conceptualizing, Creating, & Controlling Constructive and Controversial Comments: A CSCW 2017 Research-athon. Organized by Eric Gilbert, Cliff Lampe, Alex Leavitt, Katherine Lo, and Svetlana Yarosh, Portland, Oregon, CSCW 2017, February 26, 2017.

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## Grants and Awards

### Grants

- 2020 Protocol Labs, COVID-19 Open Innovation Grant: “Digital observatory for socially produced online COVID-19 information”. Co-PI with Aaron Shaw, Northwestern University; Benjamin Mako Hill, University of Washington; and Jason Baumgartner, Pushshift.io (\$20,000)
- 2019–2022 National Science Foundation (IIS-1910202) for “CHS: Small: Collaborative Research: Modeling the Ecological Dynamics of Online Organizations”; key personnel (\$217,758)

### Awards

- 2021 Best Paper Honorable Mention; ACM Conference on Computer-Supported Cooperative Work and Social Computing, for “Why do people participate in small online communities?”
- 2020 Dordick Dissertation Award; ICA Communication and Technology Division
- 2020 Annie Lang Dissertation Award; ICA Information Systems Division
- 2013 Top Four Paper Award, Communication and the Future Division, National Communication Association (NCA), for “The social ecologies of collaborative design in Visually Integrated Cyber-enabled Design (V-ICED) environments.”

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## Teaching

### Courses

- 2023, Summer Advanced Computational Communication Methods (COM 682 – graduate-level course)
- 2023, Spring Quantitative Methods For Communication Research (COM 304)
- 2022, Fall Communication and Social Networks (COM 411)
- 2022, Fall Introduction to Programming and Data Science (COM 674 – graduate-level course)
- 2022, Spring Quantitative Methods For Communication Research (COM 304)
- 2022, Spring Communication and Social Networks (COM 411)
- 2021, Fall Communication and Social Networks (COM 411)
- 2021, Fall Introduction to Programming and Data Science (COM 674 – graduate-level course)
- 2021, Summer Introduction to Programming and Data Science (COM 674 – graduate-level course)
- 2021, Spring Communication and Social Networks (COM 411)
- 2021, Spring Turning Data into Insights and Stories (COM 495)
- 2020, Summer Introduction to Programming and Data Science (COM 674 – graduate-level course)
- 2020, Spring Introduction to Programming and Data Science (COM 674 – graduate-level course)

- 2020, Spring Communication and Social Networks (COM 411)
- Graduate School Teaching**
- 2016–2018 **Information Flow on the Internet**, Computing Everywhere undergraduate seminar, Northwestern University
- 2017 **Introduction to data analysis in R**, Workshop on R taught at Kellogg, Northwestern University
- 2016 **Online Communities and Crowds (Fall 2016)**, Teaching assistant and recitation leader, Northwestern University
- 2014 **Communication, Information, and Society (Spring 2014)**, Instructor, Purdue University
- 2013 **Communication and Emerging Technology (Fall 2013)**, Teaching assistant and recitation leader, Purdue University
- 2012–2013 **Presentational Speaking (3 sections)**, Instructor, Purdue University
- Individual Directed Readings & Independent Studies**
- 2020, Summer Directed research (creating linguistic networks; LING 699—Graduate)
- Guest Lectures**
- 2021 “Understanding Online Community Founders.” In Nathan TeBlunthuis’s *Interpersonal Media: Online Communities*. University of Washington.
- 2020 “Understanding Online Community Founders.” In Benjamin Mako Hill’s *Interpersonal Media: Online Communities*. University of Washington.
- 2014 “RSiena and Stochastic Actor-Oriented Models.” In Seungyoon Lee’s *Social Network Analysis (COM 632)*. Purdue University.
- 2013 “Copyright and Digital Media.” In Lorraine Kisselburgh’s *Communication and Emerging Technologies (COM 435)*. Purdue University.

## Mentorship

### Graduate Student Advisor (Dissertation Chair)

Hsuen-Chi Chiu, Advisor and Chair (MTS, 2022–), PhD, Purdue  
 Bedadyuti Jha, Advisor and Chair (OrgCom, 2022–), PhD, Purdue

### PhD Dissertation Committee

Elizabeth Thompson, PhD, Technology, Purdue

### Graduate Master’s Thesis Committee

- 2023 Elisa Ragone, MA, Communication, Purdue  
 2023 Paxton Dodd, MA, Communication, Purdue  
 2023 Ajay Shah, MA, Communication, Purdue  
 2023 Savannah Meier, MA, Communication, Purdue

2021 Cassidy Hansen, MA, Communication, Purdue

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## Service

- 2016– Reviewer for *CHI*, *CSCW*, *International Communication Association*, *Communication Research*, *Journal of Computer-Mediated Communication*, *Social Networks*, *ACM Transactions on Social Computing*, *Journal of International Communication*, *PeerJ Computer Sciences*, and *Social Science Research*
- 2018 Co-organizer, Summer Institute in Computational Social Science Chicago
- 2016 Volunteer Session Chair, International Conference on Computational Social Science, Evanston, IL
- 2013 VP of Technology - Purdue Communication Graduate Student Association

### Other service activities

- 2014 **Technical Editor**, ADDISON-WESLEY.  
Technical editor for the book *Learning to Program*