

Jeremy Foote

Curriculum Vitae

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Education

- 2019 **Ph.D., Media, Technology, and Society**, School of Communication, Northwestern University, Evanston, IL.
(expected)
- 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, GPA – 4.0.
- 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, GPA – 3.98, magna cum laude.

Publications

Refereed Articles

- 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.
- 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

- 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.
- 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.

In preparation

Foote, J., Shaw, A., Hill, B.M. Communication structures and performance of early-stage online volunteer communities.

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

Lee, S., **Foote, J.**, French, D. The intersection of groups and individuals: Effects of adolescents' perception of peer groups on future network structure

Conference Presentations

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.

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., Peppler, K., Elmqvist, 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.

Awards

- 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."

Research Experience

- 2014– **NSF-funded Research Assistant**, *Community Data Science Collective*, working under Aaron Shaw.
- 2012–2014 **NSF-funded Research Assistant**, *V-ICED: Visually-Integrated Cyber Exploratorium for Design*, working under Lorraine Kisselburgh.
 - Helped to run user studies to test newly developed collaborative software, collecting data via sociometric badges.

- 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.
- Helped to organize and support “Reputation, Trust and Authority Workshop”, co-sponsored by Purdue University, Stanford University, and the Social Media Research Foundation; held at Stanford, 2013
 - Helped to manage contributions for an edited volume:
Bertino, E., and Matei, S. A. (2014). *Roles, Trust, and Reputation in Social Media Knowledge Markets*. Springer.

Teaching Experience

- 2016-2018 **Information Flow on the Internet**. Computing Everywhere. Northwestern University. Undergraduate seminar
- 2017 **Introduction to data analysis in R**, Developed and taught workshop on R to MBA students
- 2016 **Online Communities and Crowds (Fall 2016)**, Teaching assistant and recitation leader; mean student review: 5.7/6.0
- 2014 **Communication, Information, and Society (Spring 2014)**, Helped to develop and sole-taught new course; mean student review: 4.2/5.0
- 2013 **Communication and Emerging Technology (Fall 2013)**, Teaching assistant and recitation leader
- 2012–2013 **Presentational Speaking (3 sections)**, Instructor; mean student review: 4.3/5.0

Invited Presentations

- 2014 RSiena and Stochastic Actor-Oriented Models. COM 632. Purdue University.
- 2014 Online Naturalization. Wilmette Illinois Family History Center.
- 2013 Copyright and Digital Media. COM 435. Purdue University.

Selected Work Experience

- 2007–2011 **Product Manager**, LINGOTEK, Draper, UT.
Worked with a team of developers to create collaborative translation software for customers such as Adobe, eBay, the CIA, and the LDS Church.
- 2014 **Technical Editor**, ADDISON-WESLEY.
Technical editor for the book *Learning to Program*

Skills

Data Mining/Programming: Python, R, Weka
Statistical Analysis: R
Social Network Analysis: igraph, RSiena, Gephi
Agent-based modeling: Python, NetLogo

Selected Coursework

Collective Action and Organization Online, MTS 525, Aaron Shaw

Data Mining, CS 390, Jennifer Neville

Machine Learning, EECS 349, Doug Downey

Social Network Analysis, COM 632, Seungyoon Lee

Theories and Methods for Longitudinal Online Interaction Networks, COM 590, Seungyoon Lee

Designing & Constructing Models With Multi-Agent Languages, EECS 472, Uri Wilensky

Service

2016- Reviewer for *CHI*, *CSCW*, and *International Communication Association*

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

Extracurricular

Started open source project for extracting networks from MediaWiki XML dumps

Founder of Kiva Mormons - a group on Kiva.org that has lent over \$3 million to needy borrowers.

Contributor of both code and data to the WeRelate genealogy site

Husband, and dad to 4 great kids