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## ***BENJAMIN MAKO HILL***

### **Appointments**

#### **Stanford University**

2018–2019. Lenore Annenberg and Wallis Annenberg Fellow in Communication, Center for Advanced Study in the Behavioral Sciences.

#### **University of Washington**

2014–. Assistant Professor, Department of Communication.

2015–. Adjunct Assistant Professor, Department of Human-Centered Design and Engineering.

2014–. Affiliate Faculty, Center for Statistics and the Social Sciences.

2014–. Affiliate Faculty, eScience Institute.

2013–2014. Acting Assistant Professor, Department of Communication.

#### **Harvard University**

2014–. Faculty Associate, Berkman Klein Center for Internet and Society.

2012–. Affiliate, Institute for Quantitative Social Science.

2011–2014. Fellow, Berkman Center for Internet and Society.

#### **Massachusetts Institute of Technology**

2010–2013. Graduate Affiliate, MIT Center For Collective Intelligence.

2010–2012. Teaching Assistant, MIT Sloan School of Management and MIT Program in Systems Design and Management.

2007–2011. Research Fellow, MIT Center For Civic Media.

2007–2008. Senior Researcher, MIT Sloan School of Management.

2005–2007. Research Assistant, *Electronic Publishing* and *Computing Culture* Research Groups, MIT Media Lab.

### **Education**

#### **Massachusetts Institute of Technology**

2008–2013. PhD in *Management* and *Media Arts and Science* (Interdepartmental). Committee: Eric von Hippel (Advisor), Yochai Benkler, Tom Malone, and Mitch Resnick. General examinations in: (1) technological innovation and entrepreneurship; (2) organizational sociology; (3) technology design for creativity and cooperation. [GPA: 5.0/5.0]

2005–2007. Masters of Science in *Media Arts and Sciences* from MIT Media Lab. [GPA: 5.0/5.0]

#### **Hampshire College**

1999–2003. Bachelor of Arts. Major in *Literature, Technology, and Intellectual Property Policy* (Self-designed). [GPA: N/A]

## Publications **Articles in Journals and Conference Proceedings**

- Kiene, Charles, Aaron Shaw, and Benjamin Mako Hill. 2018. "Managing Organizational Culture in Online Group Mergers." *Proceedings of the ACM on Human-Computer Interaction* 2 (CSCW): 89:1-89:21 (November 2018). <https://doi.org/10.1145/3274358>
- Gan, Emilia F., Benjamin Mako Hill, and Sayamindu Dasgupta. 2018. "Gender, Feedback, and Learners' Decisions to Share Their Creative Computing Projects." *Proceedings of the ACM on Human-Computer Interaction* 2 (CSCW): 54:1-54:23 (November 2018). <https://doi.org/10.1145/3274323>
- Dasgupta, Sayamindu, and Benjamin Mako Hill. 2018. "How 'wide walls' can increase engagement: Evidence from a natural experiment in Scratch." In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems (CHI '18)*. New York, New York: ACM Press. <https://doi.org/10.1145/3173574.3173935>.
- TeBlunthuis, Nathan, Aaron Shaw, and Benjamin Mako Hill. 2018. "Revisiting 'The Rise and Decline' in a Population of Peer Production Projects." In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems (CHI '18)*. New York, New York: ACM Press. <https://doi.org/10.1145/3173574.3173929>.
- Klein, Maximilian, Jihao Zhao, Jiajun Ni, Isaac Johnson, Benjamin Mako Hill, and Haiyi Zhu. 2017. "Quality Standards, Service Orientation, and Power in Airbnb and Couchsurfing." *Proceedings of the ACM: Human-Computer Interaction* 1 (CSCW):58. <https://doi.org/10.1145/3134693>.
- Dasgupta, Sayamindu, and Benjamin Mako Hill. 2017. "Scratch Community Blocks: Supporting Children as Data Scientists." In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17)*. New York, New York: ACM Press. <https://doi.org/10.1145/3025453.3025847>.
- Hautea, Samantha, Sayamindu Dasgupta, and Benjamin Mako Hill. 2017. "Youth Perspectives on Critical Data Literacies." In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17)*. New York, New York: ACM Press. <https://doi.org/10.1145/3025453.3025823>.
- Dasgupta, Sayamindu, and Benjamin Mako Hill. 2017. "Learning to Code in Localized Programming Languages." In *Proceedings of the Fourth (2017) ACM Conference on Learning @ Scale (L@S '17)*, 33–39. New York, New York: ACM Press. <https://doi.org/10.1145/3051457.3051464>.
- Hill, Benjamin Mako, and Andrés Monroy-Hernández. 2017. "A Longitudinal Dataset of Five Years of Public Activity in the Scratch Online Community." *Scientific Data* 4 (January): 170002. <https://doi.org/10.1038/sdata.2017.2>.
- Narayan, Sneha, Jake Orlowitz, Jonathan Morgan, Benjamin Mako Hill, and Aaron Shaw. 2017. "The Wikipedia Adventure: Field Evaluation of an Interactive Tutorial for New Users." In *Proceedings of the 20th ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW '17)*. New York, New York: ACM Press. <https://doi.org/10.1145/2998181.2998307>.
- Kiene, Charles, Andrés Monroy-Hernández, and Benjamin Mako Hill. 2016. "Surviving an 'Eternal September': How an Online Community Managed a Surge of

- Newcomers.” In *Proceedings of the 2016 ACM Conference on Human Factors in Computing Systems (CHI '16)*, 1152–1156. New York, New York: ACM Press. <https://doi.org/10.1145/2858036.2858356>.
- Matias, J. Nathan, Sayamindu Dasgupta, and Benjamin Mako Hill. 2016. “Skill Progression in Scratch Revisited.” In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI '16)*, 1486–1490. New York, New York: ACM Press. <https://doi.org/10.1145/2858036.2858349>.
- Dasgupta, Sayamindu, William Hale, Andrés Monroy-Hernández, and Benjamin Mako Hill. 2016. “Remixing As a Pathway to Computational Thinking.” In *Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW '16)*, 1438–1449. New York, New York: ACM. <https://doi.org/10.1145/2818048.2819984>.
- Hill, Benjamin Mako, and Aaron Shaw. 2015. “Page Protection: Another Missing Dimension of Wikipedia Research.” In *Proceedings of the 11th International Symposium on Open Collaboration (OpenSym '15)*, 15:1–15:4. New York, New York: ACM Press. <https://doi.org/10.1145/2788993.2789846>.
- Huang, Shih-Wen, Minhyang (Mia) Suh, Benjamin Mako Hill, and Gary Hsieh. 2015. “How Activists Are Both Born and Made: An Analysis of Users on Change.Org.” In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems (CHI '15)*, 211–220. New York, New York: ACM Press. <https://doi.org/10.1145/2702123.2702559>.
- Hill, Benjamin Mako, and Aaron Shaw. 2014. “Consider the Redirect: A Missing Dimension of Wikipedia Research.” In *Proceedings of the International Symposium on Open Collaboration (OpenSym '14)*, 28:1–28:4. New York, New York: ACM Press. <https://doi.org/10.1145/2641580.2641616>.
- Zhang, Haoqi, Andrés Monroy-Hernández, Aaron Shaw, Sean A. Munson, Elizabeth Gerber, Benjamin Mako Hill, Peter Kinnaird, Shelly D. Farnham, and Patrick Minder. 2014. “WeDo: End-To-End Computer Supported Collective Action.” In *Proceedings of the Eighth International AAI Conference on Weblogs and Social Media (ICWSM '14)*. Palo Alto, California: AAI Press.
- Shaw, Aaron, and Benjamin Mako Hill. 2014. “Laboratories of Oligarchy? How the Iron Law Extends to Peer Production.” *Journal of Communication* 64 (2): 215–38. <https://doi.org/10.1111/jcom.12082>.
- Hill, Benjamin Mako, and Aaron Shaw. 2013. “The Wikipedia Gender Gap Revisited: Characterizing Survey Response Bias with Propensity Score Estimation.” *PLoS ONE* 8 (6): e65782. <https://doi.org/10.1371/journal.pone.0065782>.
- Hill, Benjamin Mako, and Andrés Monroy-Hernández. 2013. “The Remixing Dilemma: The Trade-Off Between Generativity and Originality.” *American Behavioral Scientist* 57 (5): 643–63. <https://doi.org/10.1177/0002764212469359>.
- Hill, Benjamin Mako, and Andrés Monroy-Hernández. 2013. “The Cost of Collaboration for Code and Art: Evidence from a Remixing Community.” In *Proceedings of the 2013 Conference on Computer Supported Cooperative Work (CSCW '13)*, 1035–1046. New York, New York: ACM Press. <https://doi.org/10.1145/2441776.2441893>.
- Monroy-Hernández, Andrés, Benjamin Mako Hill, Jazmin Gonzalez-Rivero, and danah

- boyd. 2011. "Computers Can't Give Credit: How Automatic Attribution Falls Short in an Online Remixing Community." In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '11)*, 3421–3430. New York, New York: ACM Press. <https://doi.org/10.1145/1978942.1979452>.
- Buechley, Leah, and Benjamin Mako Hill. 2010. "LilyPad in the Wild: How Hardware's Long Tail Is Supporting New Engineering and Design Communities." In *Proceedings of the 8th ACM Conference on Designing Interactive Systems (DIS '10)*, 199–207. New York, New York: ACM Press. <https://doi.org/10.1145/1858171.1858206>.
- Hill, Benjamin Mako, Andrés Monroy-Hernández, and Kristina Olson. 2010. "Responses to Remixing on a Social Media Sharing Website." In *Proceedings of the 4th AAAI Conference on Weblogs and Social Media (ICWSM '10)*, 74–81. Palo Alto, California: AAAI Press. <https://www.aaai.org/ocs/index.php/ICWSM/ICWSM10/paper/view/1533>.
- Hill, Benjamin Mako. 2007. "Revealing Errors." *Media/Culture Journal* 10 (5). <http://journal.media-culture.org.au/0710/01-hill.php>. (Feature Article)
- Coleman, E. Gabriella, and Benjamin Mako Hill. 2004. "How Free Became Open and Everything Else under the Sun." *Media/Culture Journal* 7 (3). [http://www.media-culture.org.au/0406/02\\_Coleman-Hill.php](http://www.media-culture.org.au/0406/02_Coleman-Hill.php). (Feature Article)
- Michlmayr, Martin, and Benjamin Mako Hill. 2003. "Quality and the Reliance on Individuals in Free Software Projects." In *Proceedings of the 3rd Workshop on Open Source Software Engineering (WOSSE '03)*, 105–109. Piscataway, New Jersey: IEEE.

### Book Chapters

- Hill, Benjamin Mako, and Aaron Shaw. 2018 (Forthcoming). "Studying Populations of Online Organizations." In *Oxford Handbook of Networked Communication*, edited by Sandra González-Bailón and Brooke Foucault Welles. Oxford, UK: Oxford University Press.
- Foote, Jeremy D., Aaron Shaw, and Benjamin Mako Hill. 2017. "A Computational Analysis of Social Media Scholarship." In *The SAGE Handbook of Social Media*, edited by Jean Burgess, Alice Marwick, and Thomas Poell, 111–34. London, UK: SAGE.
- Hill, Benjamin Mako, Dharma Dailey, Richard T. Guy, Ben Lewis, Mika Matsuzaki, and Jonathan T. Morgan. 2017. "Democratizing Data Science: The Community Data Science Workshops and Classes." In *Big Data Factories: Collaborative Approaches*, 115–35. Computational Social Sciences. Berlin, Germany: Springer Nature. [https://doi.org/10.1007/978-3-319-59186-5\\_9](https://doi.org/10.1007/978-3-319-59186-5_9).
- Benkler, Yochai, Aaron Shaw, and Benjamin Mako Hill. 2015. "Peer Production: A Form of Collective Intelligence." In *Handbook of Collective Intelligence*, edited by Thomas Malone and Michael Bernstein, 175–204. Cambridge, Massachusetts: MIT Press.
- Buechley, Leah, Jennifer Jacobs, and Benjamin Mako Hill. 2013. "Lilypad in the Wild: Technology DIY, E-Textiles, and Gender." In *Textile Messages: Dispatches From the World of E-Textiles and Education*, edited by Leah Buechley, Kylie Peppler, Michael Eisenberg, and Yasmin Kafai, 147–57. New York, New York: Peter

Lang Publishing.

- Hill, Benjamin Mako. 2014. "Freedom for Users, Not for Software." In *The Wealth of the Commons: A World Beyond Market and State*, edited by David Bollier and Silke Helfrich, 305–8. Amherst, Massachusetts: Levellers Press. (Book published in German as *Commons: Für eine neue Politik Jenseits von Markt und Staat*.)
- Hill, Benjamin Mako. 2010. "Revealing Errors." In *Error: Glitch, Noise, and Jam in New Media Cultures*, edited by Mark Nunes, 27–41. New York, New York: Bloomsbury Academic.
- Coleman, E. Gabriella, and Benjamin Mako Hill. 2004. "The Social Production of Ethics in Debian and Free Software Communities: Anthropological Lessons for Vocational Ethics." In *Free/Open Source Software Development*, edited by Stefan Koch, 273–95. Hershey, Pennsylvania: Idea Group Inc. (IGI).

### Other Scholarly Publications

- [Poster and Extended Abstract] TeBlunthuis, Nathan, Aaron Shaw, and Benjamin Mako Hill. 2017. "Density Dependence Without Resource Partitioning: Population Ecology on Change. Org." In *Companion of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '17 Companion)*, 323–326. New York, New York: ACM Press. <https://doi.org/10.1145/3022198.3026358>.
- [Poster and Extended Abstract] Dasgupta, Sayamindu, and Benjamin Mako Hill. 2017. "Measuring Learning of Code Patterns in Informal Learning Environments." In *Proceedings of the 2017 ACM SIGCSE Technical Symposium on Computer Science Education (SIGCSE '17)*, 706–706. New York, New York: ACM Press. <https://doi.org/10.1145/3017680.3022437>.
- [Workshop Position Paper] Dasgupta, Sayamindu, and Benjamin Mako Hill. 2016. "Learning With Data: Designing for Community Introspection and Exploration." In *Workshop on Human-Centered Data Science. Computer Supported Cooperative Work and Social Computing (CSCW '16)*. San Francisco, California.
- [Section Introduction; Section Co-Editor] Hill, Benjamin Mako, and Seth Schoen. 2016. "Free Culture: Introduction." In *The Boy Who Could Change the World: The Writings of Aaron Swartz*, 7–9. New York, New York: The New Press.
- [Invited Article] Shaw, Aaron, Haoqi Zhang, Andrés Monroy-Hernández, Sean Munson, Benjamin Mako Hill, Elizabeth Gerber, Peter Kinnaird, and Patrick Minder. 2014. "Computer Supported Collective Action." *Interactions* 21 (2): 74–77. <https://doi.org/10.1145/2576875>.
- [Interactive Poster and Extended Abstract] Monroy-Hernández, Andrés, and Benjamin Mako Hill. 2010. "Cooperation and Attribution in an Online Community of Young Creators." Interactive Poster presented at the Computer Supported Cooperative Work (CSCW '10), Savannah, Georgia.
- [Book review] Hill, Benjamin Mako. 2008. "Samir Chopra, Scott D. Dexter, Decoding Liberation: The Promise of Free and Open Source Software." *Minds and Machines* 18 (2): 297–99. <https://doi.org/10.1007/s11023-008-9101-y>.
- [Review] Hill, Benjamin Mako. 2005. "Reflections on Free Software Past and Future."

First Monday 10 (10). <https://doi.org/10.5210/fm.v0i0.1468>.

### Datasets

- Foote, Jeremy D., Aaron Shaw, and Benjamin Mako Hill. 2018. "Replication Data for: A Computational Analysis of Social Media Scholarship." *Harvard Dataverse*. <https://doi.org/10.7910/DVN/W31PH5>.
- Narayan, Sneha, Jake Orlowitz, Jonathan T. Morgan, Aaron D. Shaw, Benjamin Mako Hill. 2017. "Replication Data for: The Wikipedia Adventure: Field Evaluation of an Interactive Tutorial for New Users." *Harvard Dataverse*. <https://doi.org/10.7910/DVN/6HPRIG>.
- Hill, Benjamin Mako and Andrés Monroy-Hernández. 2016. "Archival Dataset: A Longitudinal Dataset of Five Years of Public Activity in the Scratch Online Community." *Harvard Dataverse*. <https://doi.org/10.7910/DVN/KFT8EZ>.
- Hill, Benjamin Mako and Aaron Shaw. 2016. "Archival Data for Page Protection: Another Missing Dimension of Wikipedia Research." *Harvard Dataverse*. <https://doi.org/10.7910/DVN/P1VECE>.
- Hill, Benjamin Mako and Aaron Shaw. 2016. "Archival Data for Consider the Redirect: A Missing Dimension of Wikipedia Research" *Harvard Dataverse*. <https://doi.org/10.7910/DVN/NQSHQD>.

### Selected Presentations

#### Refereed Paper Presentations (Non-Archival)

Presenting authors are marked a "\*" in the list below.

- Shaw, Aaron and Benjamin Mako Hill\*. "Theory Building Beyond Communities: Population-Level Research." Session on Communication in the Networked Age: A Discussion of Theory Building through Data-Driven Research. Computational Methods, International Communication Association Annual Meeting (ICA 2018), Prague, Czechia, May 28, 2018.
- Foote, Jeremy D.\* and Benjamin Mako Hill. "An Agent-Based Model of Online Community Joining." Session on Agent-based Modeling for Communication Research. Computational Methods, International Communication Association Annual Meeting (ICA 2018), Prague, Czechia, May 25, 2018.
- TeBlunthuis, Nathan\*, Aaron Shaw, and Benjamin Mako Hill. "Revisiting 'The Rise and Decline' in a Population of Peer Production Projects." Information Systems, International Communication Association Annual Meeting (ICA 2018), Prague, Czechia, May 25, 2018.
- Gan, Emilia F.\*, Sayamindu Dasgupta and Benjamin Mako Hill. "Gender Differences in Patterns of Project Sharing on the Scratch Online Programming Community." Session on Cultivating Computational Thinking: Developing Computational Identities Through Scratch and Apps. Digital Media and Learning (DML 2017), University of California, Irvine, October 6, 2017.
- TeBlunthuis, Nathan\*, Benjamin Mako Hill and Aaron Shaw. "Density Dependence Without Resource Partitioning: A Population Ecology of Change.org." Session on Computational Methods for Studying Political Communication, Computational Methods, International Communication Association Annual Meeting (ICA 2017), San Diego, California, May 29, 2017.

- Hill, Benjamin Mako and Aaron Shaw\*. "The Hidden Costs of Requiring Accounts Online: Quasiexperimental Evidence From Peer Production." Session on Semantics and Structure of Online Communication, Computational Methods, International Communication Association Annual Meeting (ICA 2017), San Diego, California, May 27, 2017.
- Dasgupta, Sayamindu and Benjamin Mako Hill\*. "Learning to Code in Localized Programming Languages." Session on Technology and Learning, Instructional & Developmental Communication, International Communication Association Annual Meeting (ICA 2017), San Diego, California, May 26, 2017.
- TeBlunthuis, Nathan\*, Benjamin Mako Hill and Aaron Shaw. "Resource Partitioning and Density Dependence on a Digital Mobilization Platform." Internet, Politics, and Policy Conference (IPP 2016), Oxford University, Oxford, UK, September 23, 2016.
- TeBlunthuis, Nathan\*, Benjamin Mako Hill and Aaron Shaw. "Resource Partitioning and Density Dependence on a Digital Mobilization Platform." Section on Communication, Information Technology, and Media Sociology, American Sociological Association Annual Meeting (ASA 2016), Seattle, Washington, August 23, 2016.
- Foote, Jeremy D.\*, Aaron Shaw and Benjamin Mako Hill. "Wikis and Work Groups: A Social Network Approach to Predicting Community Growth." Section on Organizations, Occupations, and Work, American Sociological Association Annual Meeting (ASA 2016), Seattle, Washington, August 22, 2016.
- Narayan, Sneha\*, Jake Orlowitz, Jonathan Morgan, Benjamin Mako Hill and Aaron Shaw. "The Wikipedia Adventure: A Field Experiment Evaluating an Interactive Tutorial for Newcomers." Session on Exploring Online Communities, Communication and Technology, International Communication Association Annual Meeting (ICA 2016), Fukuoka, Japan, June 13, 2016.
- Shorey, Samantha\*, Samuel Woolley and Benjamin Mako Hill. "From Hanging Out to Geeking Out: Socializing as a Pathway to Computational Thinking." Session on Learning and Thinking Through/With/By Media, Children, Adolescents and the Media, International Communication Association Annual Meeting (ICA 2016), Fukuoka, Japan, June 11, 2016.
- Foote, Jeremy D.\*, Aaron Shaw and Benjamin Mako Hill. "Wikis and Work Groups: A Social Network Approach to Predicting Community Growth." Session on B.E.S.T.: Social and Collaborative Technologies in Organizational Communication, Organizational Communication, International Communication Association Annual Meeting (ICA 2016), Fukuoka, Japan, June 10, 2016.
- Shaw, Aaron\* and Benjamin Mako Hill. "Learning from Populations of Online Organizations." Communication Science in the Digital Age Pre-Conference Workshop, International Communication Association Annual Meeting (ICA 2015), San Juan, Puerto Rico, June 7, 2015.
- Shaw, Aaron\* and Benjamin Mako Hill. "Learning from Populations of Online Organizations." Computational Approaches to Advance Communication Research Pre-Conference Workshop, International Communication Association Annual Meeting (ICA 2015), San Juan, Puerto Rico, June 6, 2015.

- Foote, Jeremy D. \*, Aaron Shaw and Benjamin Mako Hill. “Social structures of productive online volunteer communities.” International Network for Social Network Analysis Conference (“Sunbelt”), Newport Beach, CA, April 9, 2016.
- Shaw, Aaron\* and Benjamin Mako Hill. “Learning from Populations of Online Organizations.” Computational Social Science Summit (CSSS), Kellogg School of Management, Northwestern University, May, 2015.
- Hill, Benjamin Mako\* and Aaron Shaw\*. “Laboratories Of Oligarchy? How the Iron Law Extends to Peer Production.” Collective Intelligence Conference (CI 2014), MIT, Cambridge, date: invalid date ‘Massachusetts, June 1, 2014.
- Zhang, Haoqi\*, Andrés Monroy-Hernández, Aaron Shaw, Sean A. Munson, Elizabeth Gerber, Peter Kinnaird, Shelly D. Farnham, and Patrick Minder. “WeDo: End-To-End Computer Supported Collective Action.” Collective Intelligence Conference (CI 2014), MIT, Cambridge, Massachusetts, June , 2014.
- Hill, Benjamin Mako\* and Aaron Shaw\*. “Laboratories Of Oligarchy? How the Iron Law Extends to Peer Production.” Online Collective Action Working Group, ECPR, Mainz, Germany, March 13, 2013.
- Shaw, Aaron\* and Benjamin Mako Hill. “Laboratories of Oligarchy? How the Iron Law Extends to Peer Production.” Annual Midwest Political Science Association Conference (MPSA 2014), Chicago, Illinois, April, 2014.
- Hill, Benjamin Mako\*. “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” Open and User Innovation Workshop (OUI 2014), Harvard Business School, Cambridge, Massachusetts, July 31, 2012.
- Hill, Benjamin Mako\*, Aaron Shaw\*, and Yochai Benkler. “Status, Social Signaling and Collective Action in a Peer Production Community.” American Sociological Association Annual Meeting (ASA 2012), Denver, Colorado, August 17, 2012.
- Hill, Benjamin Mako\*, Aaron Shaw, and Yochai Benkler. “Status, Social Signaling and Collective Action in a Peer Production Community.” Open and User Innovation Workshop (OUI 2011), Vienna, Austria, June 5, 2011.
- Hill, Benjamin Mako\*. “Causal Effects of a Reputation-Based Incentive in a Peer Production Community.” Open and User Innovation Workshop (OUI 2010), MIT, Cambridge, Massachusetts, October 2, 2010.

### **Invited Lectures and Presentations**

- [Lecture and Discussion] “Democratizing Data Science.” University of Washington Alumni Hall of Fame Reception, University of Washington, Seattle, Washington, February 28, 2018.
- [Discussion Facilitation] “Will Wikipedia exist in 20 years?” With Katherine Maher. Berkman Klein Center for Internet and Society, Harvard University, Cambridge, Massachusetts, October 17, 2017.
- [Paper Presentation] “Democratizing Data Science: Perspectives from the Community Data Science Workshop and Software Carpentry.” With Dharma Dailey and Jonathan T. Morgan. Data Science Studies Group, eScience Institute, University of Washington, Seattle, Washington, March 6, 2017.
- [Paper Presentation] “Critical Data Literacies.” With Sayamindu Dasgupta. Data Science Studies Group, eScience Institute, University of Washington, Seattle,



Washington, February 8, 2017.

- [Paper Presentation] “The Hidden Costs of Requiring Account Creation: Evidence from Peer Production.” Colloquium, Department of Communication, University of Washington, Seattle, Washington, November 30, 2016.
- [Paper Presentation] “The Hidden Costs of Requiring Account Creation: Evidence from Peer Production.” With Aaron Shaw. Workshop and Lecture Series on the Law & Economics of Innovation, ETH Zurich, Center for Law & Economics, Department of Humanities, Social and Political Science, November 15, 2016.
- [Paper Presentation] “The Wikipedia Adventure: Field Evaluation of an Interactive Tutorial for New Users.” With Aaron Shaw. Workshop and Lecture Series on the Law & Economics of Innovation, ETH Zurich, Center for Law & Economics, Department of Humanities, Social and Political Science, November 14, 2016.
- [Workshop] “Scratch Community Blocks Workshop.” With Sayamindu Dasgupta. Scratch Conference, MIT Media Lab, Cambridge, Massachusetts, August 5, 2016.
- [Lecture] “Charting Pathways to Community Success.” Big Social Data Day, eScience Institute, University of Washington, Seattle, Washington, May 31, 2016.
- [Lecture] “Using High Performance Computing for Social Computing Research.” University of Washington HPC Club, Data Science Studio, University of Washington, Seattle, Washington, May 12, 2016.
- [Paper Presentation] “The Hidden Costs of Requiring Account Creation: Evidence from Peer Production.” Voice, Technology & Impact Workshop, Department of Communication, University of Washington, Seattle, May 6, 2016.
- [Debate] “Does the Net Work? Analyzing the Social Implications of the World Wide Web.” International Affairs Conference, Lewis and Clark College, Portland, Oregon, April 4, 2016.
- [Lecture and Q&A] “Celebrate Aaron Swartz and Book Release.” Department of Communication, University of Washington, Seattle, Washington, January 13, 2016.
- [Paper Presentation] “Reflecting on Empirical Peer Production Research.” With Aaron Shaw. 7<sup>th</sup> International Workshop on Network Theory: Peer Production Networks (ANN-SONIC-NICO 2015). Department of Communication, Northwestern University. Evanston, Illinois, October 30, 2015.
- [Paper Presentation] “‘Accounting’ for Transaction Costs in Online Collective Action.” Wikia Inc., San Francisco, California, October 18, 2015.
- [Paper Presentation] “‘Accounting’ for Transaction Costs in Online Collective Action.” Wikimania 2015. Mexico City, Mexico, July 18, 2015.
- [Lecture and Discussion Facilitation] “Missing Voices on Wikipedia.” With Monika Sengul-Jones. Center on Communication, Difference, and Equity, University of Washington, April 22, 2015.
- [Lecture] “Volunteer Mobilization in Peer Production.” Department of Computer Science, University of California Santa Barbara, April 16, 2015.
- [Lecture] “Volunteer Mobilization in Peer Production.” University of Milan, Milan,

- Italy, March 28, 2015.
- [Lecture and Q&A] Discussion of *The Internet's Own Boy*. Workshop on Privacy, Surveillance, and Activism, Erasmus Research Centre for Media, Communication and Culture, Erasmus University, Rotterdam, The Netherlands, March 24, 2015.
  - [Paper Presentation] "Access Without Empowerment." Workshop on Privacy, Surveillance, and Activism. Erasmus Research Centre for Media, Communication and Culture, Erasmus University, Rotterdam, The Netherlands, March 24, 2015.
  - [Panel] Discussion of *The Internet's Own Boy*. Information & Society Center, Information School, University of Washington, November 24, 2014.
  - [Lecture] "Understanding Collaborative Creativity in Scratch." Center for Data Science, University of Washington, Tacoma, November 19, 2014.
  - [Lecture] "Creativity Without Law in Remixing." Creativity Without Law Conference, Case Western University School of Law, November 7, 2014.
  - [Workshop Organization & Lecture] "Open Source Comes to Campus." University of Washington, November 16, 2014.
  - [Paper Presentation] "Access Without Empowerment." Wikimania 2014, London, UK. August 9, 2014.
  - [Invited Expert Participant] Data and Digital Methods BarCamp, ENSCI & Medialab, Science Po, Paris, France, June 27, 2014.
  - [Lecture] "Volunteer Mobilization in Peer Production." Medialab, Sciences Po, Paris, France. June 25, 2014.
  - [Lecture and Workshop Facilitation] "Remixing Research and Scratch Data." With Andrés Monroy-Hernández. Scratch Data Summit, MIT Media Lab, Cambridge, Massachusetts, March 21, 2014.
  - [Lecture] "Volunteer Mobilization in Peer Production." DUB Seminar, University of Washington, January 8, 2014.
  - [Paper Presentation] "Laboratories of Oligarchy? How the Iron Law Extends to Peer Production." ZEW/KMRC Workshop: User behavior and content generation on Wikipedia, ZEW, Mannheim, Germany, November 9, 2013.
  - [Paper Presentation] "Laboratories of Oligarchy? How the Iron Law Extends to Peer Production." MIT Economic Sociology Working Group, MIT, Cambridge, Massachusetts, May 8, 2013.
  - [Paper Presentation] "Laboratories of Oligarchy? How the Iron Law Extends to Peer Production." Harvard Cooperation Group, Berkman Center for Internet and Society, Harvard, Cambridge, Massachusetts, April 16, 2013.
  - [Paper Presentation] "Laboratories of Oligarchy? How the Iron Law Extends to Peer Production." Center for Information Technology Policy, Princeton, April 11, 2013.
  - [Lecture] "Failures of Collective Action." Cognitive Science Colloquium, School of Cognitive Science, Hampshire College, April 10, 2013.
  - [Lecture] "Failures of Collective Action." Department of Communication, University of Washington, October 26, 2012.
  - [Lecture] "Failures of Collective Action." The Future of Security: Ethical Hacking,

- Big Data, and the Crowd, Parsons Institute for Information Mapping, The New School, New York, New York, October 24, 2012.
- [Paper Presentation] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” Microsoft Research, Cambridge, Massachusetts, August 13, 2012.
- [Keynote Lecture] “When Peer Production Works: Learning from Failures to Improve Collaboration.” Wikipedia Academy 2012, Freie Universität, Berlin, June 29, 2012.
- [Lecture] “Communication Technology and Social Change Activism.” Hampshire College, Amherst, Massachusetts, June 9, 2012 .
- [Paper Presentation] “Is Volunteer Labor a Fixed and Finite Resource? Evidence from Peer Production.” With Aaron Shaw. MIT Economic Sociology Working Group, MIT, Cambridge, Massachusetts, April 24, 2012.
- [Paper Presentation] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” Conference on Digital Commons, Barcelona, Spain, December 29, 2011.
- [Paper Presentation] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” MIT Economic Sociology Working Group, MIT, Cambridge, Massachusetts, November 17, 2010.
- [Paper Presentation] “Status, Social Signaling and Collective Action in a Peer Production Community.” With Aaron Shaw. Laboratory for Social Research Seminar, UC Berkeley, Berkeley, California, October 28, 2011.
- [Paper Presentation] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” Luncheon Series, Berkman Center for Internet and Society, Harvard University, Cambridge, Massachusetts, October 11, 2011.
- [Paper Presentation] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” MIT Center for Collective Intelligence, MIT, Cambridge, Massachusetts, May 20, 2011.
- [Paper Presentation] “Status, Social Signaling and Collective Action in a Peer Production Community.” MIT Economic Sociology Working Group, MIT, Cambridge, Massachusetts, May 18, 2011.
- [Paper Presentation] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” Technological Innovation, Entrepreneurship, and Strategy Seminar, MIT Sloan, Cambridge, Massachusetts, November 22, 2010.
- [Lecture] “Wikipedia as a Platform.” MIT Innovation Lab, Cambridge, Massachusetts, November 4, 2010.
- [Panel] “Reviewing And Challenging Socio-Political Approaches in the Analysis of Open Collaboration and Collective Action Online.” With Mayo Fuster Morell. WikiSym 2010, Gdansk, Poland, June 10, 2010.
- [Lecture] “Antifeatures.” NEU ACM Chapter, Northeastern University, Boston, Massachusetts, November 18, 2009.

- [Lecture] “Free/Libre Open Source Software 101.” Knight Foundation News Conference, MIT, Cambridge, Massachusetts, June 16, 2009.
- [Paper Presentation] “Causal Effects of a Reputation-Based Incentive in a Peer Production Community.” MIT Economic Sociology Working Group, MIT, Cambridge, Massachusetts, June 9, 2010.
- [Paper Presentation] “Causal Effects of a Reputation-Based Incentive in a Peer Production Community.” Harvard Cooperation Group, Berkman Center for Internet and Society, Harvard, Cambridge, Massachusetts, April 26, 2010.
- [Lecture] “The State of FLOSS Research.” Department of Computer Science, University of Massachusetts, Amherst, Massachusetts, November 20, 2009.
- [Paper Presentation] “Revealing Errors.” Internet and Society Project, Yale Law School, New Haven, Connecticut, March 24, 2009.
- [Paper Presentation] “Revealing Errors.” Harvard-MIT-Yale Cyberscholar Working Group, Harvard, Cambridge, Massachusetts, October 21, 2008.
- [Lecture] “Voting Machinery for the Masses.” Future of Civic Media Conference, MIT Center for Future Civic Media, MIT, Cambridge, Massachusetts, June 13, 2008.
- [Panel] “Renaissance Panel: The Roles of Creative Synthesis in Innovation.” CHI 2008, Florence, Italy, April 7, 2008.
- [Lecture] “Disasters and Free Software.” Zones of Emergency series, Center for Advanced Visual Studies, MIT, Cambridge, Massachusetts, March 3, 2008.
- [Lecture] “Laptop Liberation: One Laptop per Child and Free/Open Source Software.” Hampshire College, Amherst, Massachusetts, March 12, 2008.
- [Lecture] “Laptop Liberation: One Laptop per Child and Free/Open Source Software.” Nara Institute of Technology (NAIST), Nara, Japan, January 8, 2008.
- [Lecture] “Laptop Liberation: One Laptop per Child and Free/Open Source Software.” Cornell University Code Review, Ithaca, New York, November 16, 2007.
- [Keynote Lecture] “Free Software and Education.” K-12 Open Minds Conference, Indianapolis, Indiana, October 9, 2007.
- [Panel] “Clouding Computing and Free and Open Source Software.” Computing in the Cloud Workshop, Center for Information Technology Policy, Princeton University, Princeton, New Jersey, January 22, 2008.
- [Lecture] “Reflections on Decoding Liberation.” Book Launch for Decoding Liberation, Brooklyn College, November 15, 2007.
- [Lecture] “Parallel Document Development.” Open and User Innovation Conference, Copenhagen Business School, June 27, 2007.
- [Lecture] “Examination of Wiki Process.” MIT Innovation Lab meeting, MIT Faculty Club, Cambridge, Massachusetts, June 7, 2007.
- [Lecture] “Reflections on the War on Share.” With Elizabeth Stark. Media in Transition 5, MIT, Cambridge, Massachusetts, April 27, 2007.
- [Keynote Lecture] “Defining Moments.” Conference on Engaging in Open Source (CEOS), Dalhousie University, Halifax, Nova Scotia, June 2, 2006.
- [Lecture and Panel] “Information Freedom.” Center for Advanced Visual Studies, MIT, Cambridge, Massachusetts, April 28, 2006.

- [Lecture] “Participatory Collaboration: The Debian Model.” University of Turin, Turin, Italy, April 21, 2004.
- [Lecture] “Control, Collaboration and Creativity in Literature.” University of Milan, Milan, Italy, April 19, 2004.
- [Undergraduate Research Presentation] “Literary Collaboration and Control.” School of Cognitive Science, Hampshire College, May 5, 2003.
- [Undergraduate Research Presentation] “Literary Collaboration and Control.” Division III Presentation, Hampshire College, Amherst, Massachusetts, May 16, 2003.

### **Invited Workshops**

- Social Science FOO Camp. Organized by O’Reilly, SAGE, and Facebook. Facebook Campus, Palo Alto, California. February 2-3, 2018.
- The Science of Counter-Earth: Multiply Instantiated Institutions. The Neukom Institute for Computational Science at Dartmouth. Hosted at Pierce’s Inn, Etna, New Hampshire. May 12-15, 2017.
- Workshop on Developing a Research Agenda for Human-Centered Data Science. Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2016), San Francisco, California, February 28, 2016.
- Workshop on Breaking into New Data-Spaces: Infrastructure for Open Community Science. Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2016), San Francisco, California, February 27, 2016.
- Workshop on Access To Knowledge (A2K). Open Society Initiative. Stoke, United Kingdom, August 5-6, 2015.
- Microsoft Research Faculty Summit. Microsoft, Redmond, Washington, July 8-9, 2015.
- Workshop on Advancing an Industry/Academic Partnership Model for Open Collaboration Research. Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2014), March 14, 2014.
- Social Computing Symposium. Microsoft FUSE Labs, San Francisco, California, January 11-13, 2015.
- Digital Youth Think Tank. University of Washington Information School, October 16-17, 2014.
- Data and Digital Methods BarCamp. ENSCI & Medialab, Science Po, Paris, France , June 27, 2014.
- Social Computing Symposium. Microsoft FUSE Labs, New York, New York, January 15-17, 2014.
- Crowdcamp Workshop. Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2013), San Antonio, Texas, February 23-24, 2013.

### **Teaching Courses**

- 2017, Fall. Communication Theory Development (COM500 – Masters/PhD Level). UW Department of Communication. Co-taught with Ralina Joseph.
- 2017, Fall. Innovation Communities (COM597B – Masters Level). UW Communication Leadership’s “Masters in Communication in Communities and Networks” program.

- 2017, Winter. Advanced Statistical Methods in Communication (COM521 – Masters/PhD Level). UW Department of Communication.
- 2016, Fall. Building Successful Online Communities (COM597 – Masters Level). UW Communication Leadership’s “Masters in Communication in Communities and Networks” program.
- 2016, Fall. Communication Theory Development (COM500 – Masters/PhD Level). UW Department of Communication. Co-taught with Christine Harold.
- 2016, Spring. Innovation Communities (COM597B – Masters Level). UW Communication Leadership’s “Masters in Communication in Communities and Networks” program.
- 2016, Spring. Internet Research Methods (COM528 – Masters/PhD Level). UW Department of Communication.
- 2015, Fall. Interpersonal Media (COM482 – Undergraduate Level). UW Department of Communication.
- 2015, Spring. Internet Research Methods (COM528 – Masters/PhD Level). UW Department of Communication.
- 2015, Spring. Community Data Science (COM597G - Masters Level) UW Communication Leadership’s “Masters in Digital Media” program.
- 2014, Fall. Interpersonal Media (COM482 – Undergraduate Level). UW Department of Communication.
- 2014, Spring. Innovation Communities (COM587B – Masters Level). UW Communication Leadership’s “Masters in Communication in Communities and Networks” program.

### **Directed Readings & Independent Studies**

- 2018, Spring. Reading for general examinations. (COM600–Graduate).
- 2018, Winter. Reading for general examinations. (COM600–Graduate).
- 2017, Summer. Supervised Independent Study/Research. (COM591–Graduate).
- 2017, Spring. Selected readings on social movements and online communities. (COM590–Graduate).
- 2017, Winter. Supervised Independent Research on statistical analysis of communication data. (COM591–Graduate)
- 2017, Winter. Supervised Internship in Communication. (COM593–Graduate)
- 2016, Summer. Supervised Independent Study/Research on research into online communities. (COM600–Graduate)
- 2016, Winter. Supervised Independent Study/Research on data science and learning among youth online. (COM591–Graduate)
- 2015, Fall. Supervised Independent Study/Research on data science and learning among youth online. (COM591–Graduate)
- 2015, Spring. Supervised Independent Study/Research on data science and learning in classrooms. (COM600–Graduate)
- 2015, Spring. Supervised Independent Research on newcomers in online communities. (COM498–Undergraduate)
- 2015, Spring. Supervised Independent Research on value in peer production. (COM498A–Undergraduate)
- 2014, Fall. Directed Reading on social computing and computer-supported coopera-

tive work. (COM590–Graduate)

2014, Summer. Supervised Independent Study on quantitative analyses of online collective action. (COM591–Graduate)

### **Workshops & Seminars**

2013–. Co-organizer, Social Computing Reading Group, University of Washington.

2014, Spring & Fall; 2015, Spring & Fall. 2016, Spring. Organizer and Lecturer, Community Data Science Workshops, Department of Communication and eScience Institute, University of Washington.

2014, Fall. Co-Organizer and Speaker, Open Source Comes to Campus. University of Washington.

2008, Fall. Seminar in Collective Intelligence. MIT Sloan School of Management. Supervised by Thomas Malone.

2011–2013. Cooperation Group Seminar. Berkman Center for Internet and Society, Harvard University.

2004-08-27–2004-09-01. Werkleitz School of Common Property, Halle Volkspark in Halle, Germany.

### **Guest Lectures**

“Writing for publication.” Lisa Coutu’s MA/PhD Proseminar (COM594), Department of Communication, University of Washington. May 8, 2018.

“Grants and funding.” Lisa Coutu’s MA/PhD Proseminar (COM594), Department of Communication, University of Washington. January 17, 2018.

“Communication research and Laboratories of Oligarchy.” Sara Quinn’s Honors Sociology Seminar, Department of Sociology, University of Washington. November 7, 2017.

“Computer-supported cooperative work and Social Computing.” James Fogerty’s Human-computer Interaction Seminar (CSE510), Computer Science and Engineering, University of Washington. February 23, 2016.

“Communication research and Laboratories of Oligarchy.” Hedy Lee’s Honors Sociology Seminar, Department of Sociology, University of Washington. October 27, 2016.

“Grants and funding.” Lisa Coutu’s MA/PhD Proseminar (COM594), Department of Communication, University of Washington. May 3, 2016.

“Big Data Research in Communication.” Valerie Manusov’s “Methods of Inquiry” (COM501). Department of Communication, University of Washington. March 4, 2015.

“Big Data Research in Communication.” Kirsten Foot’s “Theories of Technology and Society” (COM539). Department of Communication, University of Washington. January 28, 2015.

“Introduction to Free Software.” Open Source Comes to Campus. University of Washington. November 16, 2014.

“From Free Software to Free Culture and Wikipedia.” Annisa Tanweer’s “Navigating Information Networks” (COM301). Department of Communication, University of Washington. November 10, 2014.

“Hackers and Innovation: The CHDK Story.” Robin Avni’s class on digital photography (COM597). University of Washington. August 5, 2014.

- “Introduction to Internet Research Methods.” Kirsten Foot’s “Designing Internet Research” (COM528). Department of Communication, University of Washington. April 2, 2014.
- “Big Data Research in Communication.” Valerie Manusov’s “Methods of Inquiry” (COM501). Department of Communication, University of Washington. March 10, 2014.
- “Big Data Research in Communication.” Gina Neff’s “Theories of Technology and Society” (COM539). Department of Communication, University of Washington. October 29, 2013.
- “Introduction to Free Software.” Melanie Crean’s Collaborative Futures, Parsons The New School for Design. October 24, 2013.
- “Introduction to Free Software.” Aaron Shaw’s Communities and Crowds, Northwestern University. October 15, 2013.
- “User Innovation and User Communities.” Aaron Shaw’s Communities and Crowds, Northwestern University. October 10, 2013.
- “User Innovation and User Communities.” Executive Education, MIT Sloan. September 10, 2013.
- “User Innovation and User Communities.” Executive Education, MIT Sloan. April 30, 2013.
- “User Innovation and User Communities.” Executive Education, MIT Sloan. April 9, 2013.
- “Wikipedia and Organization.” Tom Malone’s class on Strategic Organizational Design at MIT Sloan. April 3, 2013.
- “Openness and Learning.” Mitch Resnick’s class on Learning Creative Learning at the MIT Media Lab. March 11, 2013.
- “Attracting Participants To An Online Community.” Eric von Hippel’s User-Centered Innovations (15.S08). MIT Program in Systems Design and Management. March 8, 2013.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s How to Develop “Breakthrough” Products and Services (15.356). MIT Sloan School of Management. March 4, 2013.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s User-Centered Innovations (15.S08). MIT Program in Systems Design and Management. February 15, 2013.
- “Introduction to Free Software.” Jeffrey Juris’s “Cybercultures and Technopolitics,” Northeastern University. January 23, 2013.
- “Harnessing User Innovation with Toolkits and User Communities.” MIT Executive Education. September 10, 2012
- “User Innovation and User Communities.” Executive Education, MIT Sloan. July 17, 2012. (2 sessions)
- “User Innovation and User Communities.” Executive Education, MIT Sloan. June 11, 2012.
- “User Innovation and User Communities.” Executive Education, MIT Sloan. April 24, 2012.
- “User Innovation and User Communities.” Executive Education, MIT Sloan. March



- 20, 2012.
- “Attracting Participants To An Online Community.” Eric von Hippel’s User-Centered Innovations (15.S08). MIT Program in Systems Design and Management. March 16, 2012.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s How to Develop "Breakthrough" Products and Services (15.356). MIT Sloan School of Management. March 7, 2012.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s User-Centered Innovations (15.S08). MIT Program in Systems Design and Management. February 10, 2012.
- “Failure in Free Software and Civic Media.” Civic Media, Comparative Media Studies, MIT. November 28, 2011.
- “Free Software and Free Culture.” Elizabeth Stark’s Difficult Problems in Cyberlaw, Stanford School of Design and Stanford Law School. October, 31, 2011.
- “Hackers: What they do, and why they do it.” Dr. Philipp Türtscher’s visiting MBA Class from Vienna University. September 12, 2011.
- “Designing for Cooperation with Social Incentives” Internet Law Conference (iLaw), Harvard Law School. September 8, 2011.
- “Attracting Participants To An Online Community.” Eric von Hippel’s User-Centered Innovations (15.S08). MIT Program in Systems Design and Management. March 11, 2011.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s How to Develop "Breakthrough" Products and Services (15.356). MIT Sloan School of Management. February 14, 2011.
- “Antifeatures.” Free Technology Academy, February 10, 2011.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s User-Centered Innovations (15.969). MIT Program in Systems Design and Management. February 4, 2011.
- “Revealing Errors.” Richard Weiss’s Course, Evergreen State College, Olympia, Washington. December 6, 2010.
- “Antifeatures.” Doug Schuler’s Course, Evergreen State College, Olympia, Washington. December 4, 2010.
- “Building Free Election Technologies.” Crisis Mapping, MIT Visual Arts Program, MIT. November 3, 2010.
- “Introduction to Free Software and Open Source.” Leah Buechley’s Design for Empowerment (MAS.961), MIT Media Lab, MIT. October 8, 2010.
- “Introduction to Free Software and Open Source.” Neil Gershenfeld’s How to Make Almost Anything. MIT Center for Bits and Atom, MIT. May 4, 2010
- “Hackers: What they do, and why they do it.” Dr. Philipp Türtscher’s visiting MBA Class from Vienna University. May 4, 2010.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s How to Develop "Breakthrough" Products and Services (15.356). MIT Sloan School of Management. February 16, 2010.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s User-Centered Innovations (15.969). MIT Program in Systems Design and Management. February

12, 2010.

- “Free Software, Open Source, and Academic Research.” Leah Buechley’s Design for Empowerment (MAS.961), MIT Media Lab, MIT. November 13, 2009.
- “Introduction to Free Software and Open Source.” Neil Gershenfeld’s How to Make Almost Anything. MIT Center for Bits and Atom, MIT. May 11, 2009
- “Introduction to Free/Libre Open Source.” Elizabeth Stark’s Internet Law, Yale, New Haven, Connecticut. March 24, 2009.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s User-Centered Innovations (15.969). MIT Program in Systems Design and Management. February 20, 2009.
- “Hackers: What they do, and why they do it.” Eric von Hippel’s How to Develop "Breakthrough" Products and Services (15.356). MIT Sloan School of Management. February 17, 2009.
- “Introduction to Free Software and Open Source.” Hiroshi Ishii’s Futurecraft (MAS.921), MIT Media Lab, MIT. October 1, 2008.
- “User Innovation in Action.” Eric von Hippel’s course, MIT Sloan School of Management, Cambridge, Massachusetts. March 7, 2008.

### **Students Supervised**

- Kaylea Champion. Advisor and Chair (2017–), Department of Communication, University of Washington.
- Nate TeBlunthuis. Advisor and Chair (2015–), Department of Communication, University of Washington.
- Wm Salt Hale. Advisor and Chair (2017–), Department of Communication, University of Washington.
- Kevin Calderwood. Member (2017–) General Examination Committee, Department of Communication, University of Washington.
- Amirah Majid. Graduate School Representative (2016–), PhD Dissertation Committee, Information School, University of Washington.
- Amanda Menking. Graduate School Representative (2016–), PhD Dissertation Committee, Information School, University of Washington.
- Sneha Narayan. Member (2017–), PhD Dissertation Committee, Program in Technology and Social Behavior, Northwestern University.
- Jason Portenoy. Graduate School Representative (2017–), PhD Dissertation Committee, Graduate School Representative (2017), General Examination Committee, Information School, University of Washington.
- John Robinson. Member (2018–) General Examination Committee, Department of Human-centered Design and Engineering, University of Washington.
- Janny Wang. Member (2017–) PhD Dissertation Committee, Member (2017) General Examination Committee, Department of Communication, University of Washington.
- Samuel Woolley. Member (2015–), PhD Dissertation Committee, Member (2014–2015), PhD General Examination Committee, Department of Communication, University of Washington.
- Sayamindu Dasgupta. Member (2015–2016), PhD Dissertation Committee, Program in Media Arts and Sciences, Massachusetts Institute of Technology.

- Lynette Shaw. Graduate School Representative (2016), PhD Dissertation Committee, Department of Sociology, University of Washington.
- Michael Gilbert. Member (2014–2016), PhD Dissertation Committee, Department of Human Centered Design and Engineering, University of Washington.
- J. Nathan Mathias. Member (2014–2015), PhD General Examination Committee, Program in Media Arts and Sciences, Massachusetts Institute of Technology.
- Martin Gimpl. Member (2009), Masters Thesis Evaluation Committee, Media Lab, University of Art and Design, Helsinki, Finland.

### Postdoctoral Researchers Supervised

- Sayamindu Dasgupta. Postdoctoral Supervisor (2017–), Moore/Sloan Foundation Data Science Postdoctoral Fellowship, eScience Institute, University of Washington.

### Graduate Teaching

- 2010–2012, Spring. Teaching Assistant: How to Develop “Breakthrough” Products and Services (15.356). (with Prof. Eric von Hippel). MIT Program in Systems Design and Management.
- 2010–2012, Spring. Teaching Assistant: User-Centric Innovations (15.969). (with Prof. Eric von Hippel). MIT Sloan School of Management.
- 2008, Fall. Graduate Seminar in Free Software and Open Source (MAS960). MIT Media Lab. Supervised by Chris Csikszentmihályi.

### Grants & Grants

#### Awards

- 2017-07-01–2021-06-30 (expected). *National Science Foundation* (CNS-1703049) for “SaTC: CORE: Medium: Collaborative: Measuring the Value of Anonymous Online Participation” Collaborative Proposal with Rachel Greenstadt and Andrea Forte. (Total Amount: \$1,113,143; UW: \$293,000)
- 2016-09-01–2019-08-31 (expected). *National Science Foundation* (IIS-1617129) for “CHS: Small: Collaborative Research: Pathways to Community Success: Advancing a Comparative Science of Online Collaborative Organization.” Collaborative Proposal with Aaron Shaw. (Total Amount: \$499,684; UW: \$305,359)
- 2014-09-01–2017-08-31. *National Science Foundation* (DRL-1417663) for “Collaborative Research: New Pathways into Data Science: Extending the Scratch Programming Language to Enable Youth to Analyze and Visualize Their Own Learning.” Collaborative Proposal with Mitch Resnick and Natalie Rusk. (Total: \$433,262; UW: \$124,374)
- 2010–2011. “Educational Research Grant” Award from *Amazon*. (\$7,500)
2007. “Digital Incubator” grant from *Cisco* and *MTV* for academic work on election technology. (\$25,000; 1 of 2 semi-finalists for \$100,000)

### Awards

2017. *Best Paper Honorable Mention* for “Scratch Community Blocks: Supporting Children as Data Scientists” at CHI 2017.
2016. *Best Paper Honorable Mention* For “Remixing As a Pathway to Computational Thinking” at CSCW ’16.

2014. *Herbert S. Dordick Award* from the Communication and Technology division of the *International Communication Association* for “the most outstanding dissertation on communication and technology produced in the preceding year.”
2013. *Best Paper* for “The Cost of Collaboration for Code and Art” at CSCW ’13.
2011. *Best Paper Honorable Mention* for “Computers Can’t Give Credit” at CHI ’11.

### Residencies and Fellowships

- 2018-04-09–2018-04-19. Visiting Scholar. Helen Riaboff Whiteley Center, University of Washington, Friday Harbor, Washington.
- 2017-04-07–2018-04-20. Visiting Scholar. Helen Riaboff Whiteley Center, University of Washington, Friday Harbor, Washington.
- 2016-01-20–2016-02-21. Visiting Scholar. Helen Riaboff Whiteley Center, University of Washington, Friday Harbor, Washington.
- 2015-01-30–2015-03-07. Visiting Scholar. Helen Riaboff Whiteley Center, University of Washington, Friday Harbor, Washington.

### Service Research Affiliations

- 2013–. Founding Member, *Community Data Science Collective*.
- 2013–. Faculty Member, *Design Use Build (dub)*, Human Computer Interaction Group, University of Washington.
- 2014–. Member, International Advisory Committee. New Research on Digital Societies (NeRDS), Center for Research on Organizations and Workplaces, Kozminski University, Warsaw (Poland).

### Professional Organization Membership

- 2012–. Member, *International Communication Association*. Section Membership: Computational Methods, Communication and Technology.
- 2008–. Member. *Association for Computing Machinery*. Section Membership: SIGCHI, CSCW.

### Service to Profession

2018. Associate Chair, ACM Conference on Computer-supported Cooperative Work and Social Computing (CSCW).
- 2017–. Steering Committee. OpenSym.
- 2016–2017. Program Co-Chair. OpenSym 2017.
2016. Faculty Member. Doctoral Consortium. OpenSym 2016.
- 2015-2016. Track Co-Chair. Wikipedia and Wikimedia Research. OpenSym 2016.
2016. Member, Program Committee. International AAAI Conference on Weblogs and Social Media (ICWSM).
2015. Program Co-Chair. Conference Co-Organizer. 7th International Workshop on Network Theory: Peer Production Networks (ANN-SONIC-NICO Workshop 2015).
- 2009–2015. Member, Program Committee. OpenSym (formerly WikiSym).
2015. Member, Program Committee. International AAAI Conference on Weblogs and Social Media (ICWSM).
2015. Member, Program Committee. Blocks and Beyond Workshop. VL/HCC 2015.

2014. Co-Organizer. Scratch Data Summit. MIT Media Lab, Cambridge, Massachusetts.
2014. Member, Scientific Committee. Second IASC Knowledge Commons Conference.
2014. Member, Program Committee, Open and User Innovation Conference.
- 2010, 2012. Program Chair, Open and User Innovation Conference.
2012. Member Program Committee, Wikipedia Academy.

I am also a reviewer for a number of journals and conferences, and academic presses in communication, sociology, human computer interaction, and information systems including (in alphabetical order): CHI, CSCW, Future Internet, HICCS, IASC, ICIS, ICWSM, IJOC, JASIST JOBEM, JOCM MIT Press, NMS, OpenSym, Polity, SAGE, SIGCSE, the ICA Annual Meeting, National Science Foundation (as both external reviewers and as panelist), and VLH/CC.

### **University & Departmental Service**

- 2016–. Chair, Statistics Concentration in Communication Committee, Department of Communication and Center for Statistics and the Social Sciences, University of Washington.
- 2013–. Diversity Committee, Department of Communication, University of Washington.
2017. Member for Admissions, Graduate Committee, Department of Communication, University of Washington.
- 2014–2017. Colloquium Committee, Department of Communication, University of Washington.
2016. Member, Search Committee, Associate or Full Professor in Technology and Society, Department of Communication, University of Washington.
2014. Member, Search Committee, Senior Lecturer in Communication Leadership, Department of Communication, University of Washington.

### **Theses**

- Hill, Benjamin Mako. 2013. “Essays on volunteer mobilization in peer production.” Ph.D. Dissertation, Cambridge, Massachusetts: Massachusetts Institute of Technology, Interdepartmental Program in Management and Media Arts and Sciences. Advised by Eric von Hippel, Yochai Benkler, Tom Malone, and Mitch Resnick.
- Hill, Benjamin Mako. 2007 “Cooperation in Parallel: A Tool for Supporting Collaborative Writing in Diverged Documents.” Masters Thesis, Cambridge, Massachusetts: Massachusetts Institute of Technology, Program in Media Arts and Sciences. Advised by Walter Bender, Chris Csikszentmihályi, and Gabriella Coleman.
- Hill, Benjamin Mako. 2003. “Literary Collaboration and Control A Socio-Historic, Technological and Legal Analysis.” Division III (Bachelors Thesis), Amherst, Massachusetts: Hampshire College. Advised by James Miller, James Wald, and David Bollier.

## Other Service Activities

### Non-Profit Activity

- 2008–. *Free Software Foundation*, Member, Board of Directors.
- 2007–. *Wikimedia Foundation*, Member, Advisory Board
- 2014–. *Cascadia Wikimedians User Group*, Member, Board of Directors.
- 2005–. *Ubuntu Project*, Core Developer; Member, Community Council (2005–2011).
- 2000–. *Debian Project*, Developer; Project Leadership Team (2005–2006).
- 2006–. *Open Knowledge Foundation*, Member, Advisory Council.
- 2005–2010. *One Laptop Per Child*, Member, Advisory Board.
- 2005–2008. *Software Freedom International*, Member, Board of Directors.
- 2005–2008. *Association for Computing Machinery*, Founding Member, Professionals Board.
- 2002–2006. *Software in the Public Interest*: Vice President and Elected Member, Board of Directors.

### Technical Books

- 2006–2016. Hill, Benjamin Mako, Matthew Helmke and Corey Burger. *The Official Ubuntu Book*. New York: Pearson. [Editions: 1<sup>st</sup> (2006), 2<sup>nd</sup> (2007), 3<sup>rd</sup> (2008), 4<sup>th</sup> (2009), 5<sup>th</sup> (2010), 6<sup>th</sup> (2011), 7<sup>th</sup> (2012), 8<sup>th</sup> (2014), 9<sup>th</sup> (2016); Translations: German, Polish, Spanish, Japanese; 2006’s best-selling Linux book]
- 2009–2013. Rankin, Kyle and Benjamin Mako Hill. *The Official Ubuntu Server Book*. New York: Pearson. [Editions: 1<sup>st</sup> (2009), 2<sup>nd</sup> (2011), 3<sup>rd</sup> (2013); Translations: French]
- 2005. Hill, Benjamin Mako, David B. Harris and Jaldhar Vyas. *Debian GNU/Linux 3.x Bible*. New York: Wiley.

### Magazine Articles, etc.

I have published dozens of magazine articles, conference papers, and other journalistic and non-academic publications. A list can be found at: <https://mako.cc/writing/>

### Public Talks

I frequently am invited to give talks to non-academic audiences. A selection of these talks is included below.

- [Keynote Lecture] “Whither Peer Production: Free software and the shifting landscape of online cooperation.” LibrePlanet 2018, Cambridge, Massachusetts. March 25, 2018.
- [Panel] “Software Freedom Challenges Ahead.” Swatantra ’17, International Center for Free and Open Source Software, Trivandrum, Kerala, India. December 21, 2017.
- [Lecture] “Access Without Empowerment.” Swatantra ’17, International Center for Free and Open Source Software, Trivandrum, Kerala, India. December 21, 2017.
- [Lecture] “State of Wikimedia Research 2016-2017.” With Tilman Bayer, Aaron Shaw, and Reem Al-Kashif. Wikimania 2017, Montréal, Québec, Canada. August 11, 2017.
- [Lecture] “State of Wikimedia Research 2015-2016.” With Tilman Bayer. Wikimania 2016, Esino Lario, Italy, June 24, 2016.

- [Lecture and Q&A] “Celebrate Aaron Swartz and Book Release.” Thoughtworks, San Francisco, California, January 11, 2016.
- [Lecture] “Access Without Empowerment.” SeaGL, Seattle, Washington, October 23, 2015.
- [Keynote Lecture] “Access Without Empowerment.” FrOSCon, Sankt Augustin, Germany, August 23, 2015.
- [Lecture] “Democratizing Data Science.” With Tommy Guy PyData Seattle 2015, Redmond, Washington, July 25, 2015.
- [Lecture] “Assignment 1: Become A Wikipedian.” Wikimania 2015, Mexico City, Mexico, July 18, 2015.
- [Lecture] “The Effect of Blocking IP Editing: Evidence from Wikia.” With Aaron Shaw Wikimania 2015, Mexico City, Mexico, July 18, 2015.
- [Lecture] “The State of Wikimedia Scholarship 2014-2015.” With Aaron Shaw and Tilman Bayer Wikimania 2015, Mexico City, Mexico, July 17, 2015.
- [Lecture] “Democratizing Data Science.” With Tommy Guy Puget Sound Programming Python Meetup (PuPPy), Seattle, Washington, June 10, 2015.
- [Keynote Lecture] “User Innovation Communities.” Industrial Research Institute Annual Meeting. Seattle, Washington, April 27, 2015.
- [Keynote Lecture] “Access Without Empowerment.” LibrePlanet 2015, Cambridge, Massachusetts, March 21, 2015.
- [Lecture] “When Free Software Isn’t Better.” SeaGL, Seattle, Washington, October 25, 2014.
- [Lecture] “Revealing Errors.” Technology Activism 3rd Monday, Seattle, Washington, September 15, 2014.
- [Lecture] “Informed But Unempowered: Why Our Movement Only Fulfills Half Its Mission.” Wikimania 2014, London, UK, August 9, 2014.
- [Lecture] “The State of Wikimedia Scholarship 2013-2014.” With Tilman Bayer and Aaron Shaw Wikimania 2014, London, UK, August 8, 2014.
- [Q&A] “Aaron Swartz.” Wikimania 2014, London, UK, August 8, 2014.
- [Lecture] “The State of Wikimedia Scholarship 2012-2013.” With Tilman Bayer Wikimania 2013, Hong Kong, August 9, 2013.
- [Lecture] “Wiki Ecology.” Wikimania 2013, Hong Kong, August 9, 2013.
- [Lecture] “Antifeatures.” LinuxTag, Berlin, Germany, May 25, 2013.
- [Lecture] “When Peer Production Succeeds.” Free Software User Group, Cambridge, Massachusetts, May 1, 2013.
- [Keynote] “From Free Software to Free Culture.” Students for Free Culture Meeting (FCX2013), New York Law School, New York, New York, April 20, 2013.
- [Lecture] “When Free Software Isn’t Better.” LibrePlanet, Harvard University, Cambridge, Massachusetts, March 23, 2013.
- [Recorded Reflections] “Thoughts on Aaron Swartz.” Memorial Service, MIT Media Lab, Cambridge, Massachusetts, March 12, 2013.
- [Lecture] “From Free Software to Free Culture.” Creative Commons All Staff Meeting, Mountain View, California, February 6, 2013.
- [Lecture] “Designing for Cooperation with Social Incentives.” WikiHow, Palo Alto, California, September 14, 2012.

- [Lecture] “When Wikis Work: Learning from Failures to Build Online Communities.” Wikia Inc, San Francisco, California, September 13, 2012.
- [Lecture] “From Free Software to Free Culture.” Wikimedia Foundation All Staff Meeting, San Francisco, California, September 13, 2012.
- [Lecture] “Open Brands.” Awesome Foundation Summit, MIT Media Lab, Cambridge, Massachusetts, July 23, 2012.
- [Lecture] “Almost Wikipedia: A What Eight Collaborative Encyclopedia Projects Reveal About Mechanisms of Collective Action.” Wikimania 2012, George Washington University, Washington, DC, July 13, 2012.
- [Lecture] “The State of Wikimedia Scholarship (2011-2012).” With Jodi Schneider Wikimania 2012, George Washington University, Washington, DC, July 12, 2012.
- [Lecture] “Can Social Awards Create Better Wikis?.” With Aaron Shaw Wikimania 2012, George Washington University, Washington, DC, July 12, 2012.
- [Keynote Lecture] “When Peer Production Works: Learning from Failures to Improve Peer Production.” Wikipedia Academy, Berlin, Germany, July 30, 2012.
- [Lecture & Workshop] “How To Release Your Project as Free Software.” Festival of Learning, MIT Media Lab, Cambridge, Massachusetts, January 27, 2012.
- [Lecture] “Almost Wikipedia: What Eight Early Online Collaborative Encyclopedia Projects Reveal About the Mechanisms Of Collective Action.” Wikimedia Foundation, San Francisco, California, November 2, 2011.
- [Lecture] “Getting Involved in Debian.” Software Freedom Day, Cambridge College, Cambridge, Massachusetts, September 16, 2011.
- [Lecture] “When Free Software Isn’t Better.” The Open Knowledge Conference, Berlin, Germany, July 1, 2011.
- [Panel] “Wikipedia Research.” The Open Knowledge Conference, Berlin, Germany, July 1, 2011.
- [Keynote Lecture] “When Free Software Isn’t Better.” Free Software and Linux Days, Istanbul, Turkey, April 2, 2011.
- [Lecture] “Contributing to Wikipedia.” General Assembly, Cambridge School of Weston, Weston, Massachusetts, February 16, 2011.
- [Lecture] “Antifeatures.” FrOSCon, Sankt Augustin, Germany, August 22, 2010.
- [Lecture and Discussion] “Piracy and Free Software.” Inlaws and Outlaws, Nothing Will Happen (Nista Se Nece Dogoditi), August 19, 2010. Split, Croatia.
- [Lightning Talk] “Lightning Photography with Free Software.” Debconf, Columbia University, New York, New York, August 7, 2010.
- [Lecture] “Antifeatures.” Debconf, Columbia University, New York, New York, August 5, 2010.
- [Lecture] “The State of Wikimedia Scholarship 2009-2010: WikiSym and Beyond.” Wikimania 2010, Gdańsk, Poland, July 10, 2010.
- [Panel] “Free Network Services.” The Free Software Foundation’s Libre Planet, Harvard University, Cambridge, Massachusetts, March 21, 2010.
- [Lecture] “Antifeatures.” Students for Free Culture Conference, George Washington University, Washington DC, February 14, 2010.



- [Keynote Lecture] “Antifeatures.” Linux Conf Australia 2010, Wellington, New Zealand, January 17, 2010.
- [Lecture] “Antifeatures.” Hampshire College, Amherst, Massachusetts, November 20, 2009.
- [Lecture] “The State of Wikimedia Scholarship: 2008-2009.” Wikimania 2009, San Jose, California, July 22, 2009.
- [Panel] “With Software as a Service, Is Only the Network Luddite Free?.” O’Reilly OSCON, San Jose, California, July 22, 2009.
- [Lecture] “Antifeatures.” O’Reilly OSCON, San Jose, California, July 22, 2009.
- [Lecture] “Free Network Services.” The Free Software Foundation’s Libre Planet, Harvard University, Cambridge, Massachusetts, March 21, 2009.
- [Lecture] “Revealing Errors.” Razmajena Vjestina, MAMA, Zagreb, Croatia., January 6, 2009.
- [Lecture and Demo] “Voting Machinery for the Masses.” IEEE Boston Section, Society on Social Implications of Technology, MIT Lincoln Labs, Lexington, Massachusetts, October 20, 2008.
- [Lecture] “Free Software In Your Pocket.” With John Sullivan Software Freedom Day Boston, Boston, Massachusetts, September 20, 2008.
- [Lightning Talk] “Advocating Software Freedom by Revealing Errors.” O’Reilly Ignite Boston 4, Boston, Massachusetts, September 11, 2008.
- [Lecture] “Voting Machinery for the Masses.” O’Reilly Open Source Convention (OSCON), Portland, Oregon, July 25, 2008.
- [Keynote Lecture] “Advocating Software Freedom by Revealing Errors.” O’Reilly Open Source Convention (OSCON), Portland, Oregon, July 25, 2008.
- [Panel] “Creative Commons.” Wikimania 2008, Bibliotheca Alexandrina, Alexandria, Egypt, July 19, 2008.
- [Lecture] “Free Network Services.” Wikimania 2008, Bibliotheca Alexandrina, Alexandria, Egypt, July 19, 2008.
- [Lecture] “Zotero for Wikimaniacs.” Wikimania 2008, Bibliotheca Alexandrina, Alexandria, Egypt, July 17, 2008.
- [Lecture] “Revealing Errors.” Boston Linux Unix, Cambridge, Massachusetts, June 18, 2008.
- [Lightning Talk] “Voting Machinery for the Masses.” O’Reilly’s Ignite Boston 3, Cambridge, Massachusetts, May 29, 2008.
- [Lecture] “Advancing a Definition of Free Culture.” Sun’s Community One, Moscone Center, San Francisco, California, May 5, 2008.
- [Lecture] “Liberating Network Services.” Sun’s Community One, Moscone Center, San Francisco, California, May 5, 2008.
- [Lecture] “Revealing Errors.” Penguicon, Troy, Michigan, April 20, 2008.
- [Lecture] “Laptop Liberation: One Laptop per Child and Free/Open Source Software.” Penguicon, Troy, Michigan, April 19, 2008. Slides (PDF).
- [Lecture] “Revealing Errors.” LUG Radio Live USA 2008, Moscone Center, San Francisco, California, April 13, 2008.
- [Lecture] “Liberating Network Services.” FSF Associate Members Meeting, MIT, Cambridge, Massachusetts, March 15, 2008.

- [Show Description]
- [Lecture] “Geek Diagnosis from a Diagnosed Geek.” G33koSkop Lecture Series, MAMA, Zagreb, Croatia., December 3, 2007.
- [Lecture] “Cooperation in Parallel: Lessons from Ubuntu and Debian.” Kiberpipa, Ljubljana, Slovenia, November 26, 2007.
- [Lecture] “Hacker Culture.” B92’s Cinema Rex, Belgrade, Serbia, November 23, 2007.
- [Lecture] “Hacker Culture.” CK13, Novi Sad, Serbia, November 20, 2007.
- [Lecture and Workshop] “Debian Packaging for System Administrators.” SIPB Clue Dump, MIT, Cambridge, Massachusetts, November 12, 2007.
- [Lecture] “Free Software and Radical Non-Discrimination.” Software Freedom Day 2007, Boston, Massachusetts, September 15, 2007.
- [Lecture] “Resonant Divergence: Collaboration in Diverged Branches.” Wikimania 2007, Taipei, Taiwan, August 5, 2007.
- [Lecture] “Freedom’s Standard Advanced.” Wikimania 2007, Taipei, Taiwan, August 3, 2007.
- [Panel] “Debian Derivatives Round Table 2007.” Debconf 7, Edinburgh, Scotland, June 22, 2007.
- [Lecture] “Debian: A Force To Be Reckoned With.” Debconf 7, Edinburgh, Scotland, June 21, 2007.
- [Lecture] “Advancing a Definition of Free Culture.” iCommons iSummit, Dubrovnik, Croatia, June 16, 2007.
- [Lecture] “Freedom Defined.” Annual National Meeting of Free Culture Student Groups, Harvard University, Cambridge, Massachusetts, May 26, 2007.
- [Lecture] “Advancing Free Culture.” FSF Annual Associate Members Meeting, March 24, 2007.
- [Lecture] “Contribute To Ubuntu.” The Ubucon NY 2007, Google, New York, New York, February 16, 2007.
- [Lecture] “Debian/Ubuntu Packaging Essentials.” The Ubucon NY 2007, Google, New York, New York, February 16, 2007.
- [Debate] “Creative Commons Workshop & Debate.” Wizards of OS 4, Berlin, Germany, September 16, 2006.
- [Lecture] “Toward a Definition of Freedom.” Wikimedia 2006, Harvard Law School, Cambridge, Massachusetts, August 4, 2006.
- [Lecture] “Software, Freedom, and the World Beyond Computer Programs.” Darklight Film Festival’s annual symposium, Dublin, Ireland, October 28, 2005.
- [Lecture] “The Ubuntu Project: Overview and Development Model.” Boston Linux Unix, MIT, Cambridge, Massachusetts, October 19, 2005.
- [Lecture] “To Fork or Not To Fork: Lessons from Ubuntu and Debian.” What The Hack, Boxtel, The Netherlands, July 28, 2005.
- [Lecture] “To Fork or Not To Fork: Lessons from Ubuntu and Debian.” Libre Software Meeting, Dijon, France, July 6, 2005.
- [Lecture] “Broadly Defined Freedom: Radical Nondiscrimination in Free Software.” Libre Software Meeting, Dijon, France, July 5, 2005.
- [Lecture] “To Fork or Not To Fork: Lessons from Ubuntu and Debian.” LinuxTag, Karlsruhe, Germany, June 25, 2005.

- [Lecture] “Financing Volunteer Free Software Projects.” LinuxTag, Karlsruhe, Germany, June 24, 2005.
- [Workshop] “Ubuntu Down Under.” Sydney, Australia, April 24-30, 2005.
- [Lecture] “Customizing Debian.” Linux Conference Australia 2005, Australian National University, Canberra, Australia, April 18, 2005.
- [Workshop and Q&A] “Ubuntu.” Northern New Jersey Linux Meet-up, Fort Lee, New Jersey, April 11, 2005.
- [Lecture] “Ubuntu and Debian: Balancing Forking and Collaboration.” Southern Connecticut Open Source User Group, New Haven, Connecticut, April 10, 2005.
- [Keynote Lecture] “Ubuntu and Debian: Balancing Forking and Collaboration.” Manizales, Colombia, March 17, 2005.
- [Lecture] “Customizing Debian.” Grupo de usuarios de Software Libre de Barcelona, Barcelona, Catalonia, Spain, December 14, 2004.
- [Lecture] “Ubuntu (A GNU/Linux Operating System): Past Present and Future.” Congreso GULEV, World Trade Center, Veracruz, Mexico, November 27, 2004.
- [Lecture] “Customizing Debian: Fork Yours With Debian GNU/Linux.” New York Linux User Group (NYLUG), New York, New York, November 17, 2004.
- [Lecture] “Debian and Ubuntu: Philosophy and Technology.” New York GNU/Linux Beginners group Gnubies, October 13, 2004.
- [Lecture] “Financing Volunteer Free Software Projects: Problems and Strategies.” Fifth International Free Software Forum, Porto Alegre, Brazil, June 4, 2004.
- [Workshop] “Software in the Public Interest, Inc.” Debconf4, Porto Alegre, Brazil, May 30, 2004.
- [Lecture] “Custom Debian Distribution are the Ultimate Last Step to Total World Domination.” Debconf4, Porto Alegre, Brazil, May 31, 2004.
- [Lecture] “Debian-NP and NP Bagunça Review.” Debconf4, Porto Alegre, Brazil, June 2, 2004.
- [Workshop] “Debian-NP Bagunça.” Debconf4, Porto Alegre, Brazil, May 26 - April 2, 2004.
- [Lecture] “Introduction to Debian-NP.” LinuxClub, Rome, Italy, April 27, 2004.
- [Lecture Tour] “Freedom Week (Liberamente - Settimana delle Libertà).” Siena, Florence, Milan, Turin, and Rome Italy, April 16-22, 2004.
- [Lecture] “Debian-NP: Free Software in Civil Society.” Siena, Italy, April 17, 2004.
- [Lecture] “Penguin Day.” N-TEN’s 2004 Nonprofit Technology Conference, Philadelphia, Pennsylvania, March 28, 2004.
- [Conference Organization] “WSIS? We Seize!” Geneva, Switzerland, December 7-13, 2003.
- [Lecture] “Information Politics 101.” We Seize!, Geneva, Switzerland, December 9, 2003.
- [Lecture] “Making Custom Debian Bootable/Live CDs.” We Seize!, Geneva, Switzerland, December 11, 2003.
- [Lecture and Q&A] “Debian-NP.” We Seize!, Geneva, Switzerland, December 11, 2003.

- [Lecture] “Making the Case for Free/Open Source Software in Non-Profit Organizations.” NTEN, Boston, Massachusetts, November 6, 2003.
- [Panel] “Digital Standards and the Public Domain: Consequences and Current Strategies for an Independent Public Sphere.” Ars Electronica Festival, Linz, Austria, September 9, 2003.
- [Workshop Participation] “Summer Source: Software Camp for NGOs.” Vis, Croatia, August 26-September 6, 2003.
- [Workshop] “Software in the Public Interest, Inc.” Debconf 3, Oslo, Norway., July 18, 2003.
- [Lecture] “Lessons from Libre Software Political and Ethical Practice.” Libre Software Meeting, Metz, France, July 9, 2003.
- [Lecture] “Social Networking and Free Software.” Planetnetwork Conference, San Francisco, California, June 7, 2003.
- [Lecture] “Managing a Free Software Project.” Five College Free Software Series, Amherst, Massachusetts, December 5, 2002.

### **Other Selected Employment Experience**

- 2004–2005. *Canonical Limited*, Ubuntu project founding team member, software engineer, community manager.
- 2003–2004. *Partecs S.R.L.* (Startup), Chief Technology Officer. Rome, Italy.
- 2002–2003. System Administrator, University of Massachusetts Dept. of Industrial and Mechanical Engineering.
- 2002. Senior Web Application Developer, Hampshire College Career Options Resource Software.
- 2001. Lead Web Application Developer, Organizers’ Collaborative.
- 1999–2003. Assistant to the UNIX System Administrator, Hampshire College.
- 2000. Berkman Center for Internet and Society at Harvard Law School: Technical Consultant.
- 1999. Technical Consultant and Audio Engineer, Mekana Yesus Recording Studio in Addis Abeba, Ethiopia.

### **Press Selected Media Coverage**

My research has been covered in the media and I am often quoted as expert in the press. An extensive list of media coverage with hyperlinks to online articles is available at <https://mako.cc/press/>. A few notable examples of press describing my academic research include:

- 2016-01-03. Karlin, Mark. Aaron Swartz’s Quest to Keep Corporations From Privatizing the Internet. *Truthout*. [Interview]
- 2014-01-18. Harford, Tim. There are No New Ideas - Only Remixes; The Undercover Economist. *Financial Times*, p. 44.
- 2013-05-13. Steadman, Ian. Study: open source remixing seems to lead to less original work. *Wired UK*.
- 2011-10-13. Wemple, Erik. Media news derivatives: Oct. 13. *The Washington Post Blogs*.

- 2011-10-12. Garber, Megan. The contribution conundrum: Why did Wikipedia succeed while other encyclopedias failed? *Nieman Journalism Lab*.
- 2011-05-31. Rohwetter, Marcus. Technikmafia: Die Technikmafia. *Die Zeit*. Hamburg, Germany.
- 2007-07-16. Anderson, Nate. MIT Project aims human buffer overflow at Secret Service. *Ars Technica*.