R. Stuart Geiger
Curriculum Vitae

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Education:

- **Ph.D., Information Management and Systems, University of California at Berkeley** (expected May 2015)
  - **GPA:** 4.0/4.0
  - **Doctoral Thesis:** Software Agents as Social Agents
  - **Advisor:** Jenna Burrell, jenna@ischool.berkeley.edu

- **M.A., Communication, Culture, and Technology**, **Georgetown University** (May 2009)
  - **GPA**: 3.944/4.0 overall, 4.0/4.0 in major
  - **Master's Thesis**: Working within Wikipedia: Infrastructures of Knowing and Knowledge Production
  - **Advisor:** David Ribes, dr273@georgetown.edu

- **B.A., Humanities Honors, University of Texas at Austin** (May 2007)
  - **GPA**: 3.961/4.0 overall, 4.0/4.0 in major
  - **Senior Thesis**: Democracy in Wikipedia
  - **Advisors:** Elizabeth Keating, ekeating@mail.utexas.edu

Research Interests and Skills:

- **Topical:** collaboration, socialization, literacy, and governance in distributed, decentralized communities, specifically new/social media platforms and scientific research networks

- **Disciplinary:** social informatics, computer-supported cooperative work, human-computer interaction, science and technology studies, new media and communication studies

- **Theoretical:** socio-technical systems, communities of practice, ethnomethodology, symbolic interactionism, distributed cognition, actor-network theory, phenomenology

- **Methodological:**
  - Ethnography, including interviews, focus groups, and participant-observation
  - Archival analysis, including individual and group-based qualitative coding
  - Quantitative collection and analysis of log and trace data with R, SQL, and python
  - User interface evaluation, including experimental design, A/B testing, and analysis
  - Inductive, mixed-methodological approaches to answer complex socio-technical questions and problems using all of the above methods, as appropriate and relevant

Refereed Journal Publications, Book Chapters, and Conference Proceedings:

- Romolini, M., S. Record, R. Garvoille, **R.S. Geiger**, and Y. Marusenko. (2013, in press) "The Next Generation of Scientists: Examining the Experiences of Graduate Students in Network-Level Science." To appear in *Ecology and Society.*

- **Geiger, R.S.** and Halfaker, A. (2013). "Using Edit Sessions to Measure Participation in Wikipedia." In *Proceedings of the 2013 ACM Conference on Computer Supported Cooperative Work (CSCW 2013).* http://www.stuartgeiger.com/cscw-sessions.pdf

- Halfaker, A., **R.S. Geiger**, J. Morgan, and J. Riedl. (2013). "The Rise and Decline of an Open Collaboration System: How Wikipedia's reaction to sudden popularity is killing it." *American Behavioral Scientist.* http://dx.doi.org/10.1177/0002764212469365

- Ribes, D., S. Jackson, **R.S. Geiger,** M.C. Burton, and T. Finholt (2013). "Artifacts that organize: Delegation in the distributed organization." *Information and Organization* 23:1–14. http://dx.doi.org/10.1016/j.infoandorg.2012.08.001

- **Geiger, R.S.** (2013). "Wer (oder was) beherrscht Wikipedia? Zur Bedeutung von Bots [Who (or what) rules Wikipedia? The roles of bots]." Trans. Petra Bäumer. In *BPB Themendossiers: Wikipedia.* Berlin, Germany: Bundeszentrale für politische Bildung [German Federal Agency for Civic Education]. http://www.bpb.de/gesellschaft/medien/wikipedia/145812/wer-oder-was-beherrscht-wikipedia?p=all

- **Geiger, R.S**., A. Halfaker, M. Pinchuk, and S. Walling (2012). "Defense Mechanism or Socialization Tactic? Improving Wikipedia's Notifications to Rejected Contributors." In *Proceedings of the 2012 International Conference on Weblogs and Social Media (ICWSM 2012).* http://www.aaai.org/ocs/index.php/ICWSM/ICWSM12/paper/view/4657

- Ford, H. and **R.S. Geiger**. (2012). ""Writing up rather than writing down": Becoming Wikipedia Literate." In *Proceedings of the 8th International Symposium on Wikis and Open Collaboration (WikiSym 2012).* New York: ACM Digital Library. http://www.stuartgeiger.com/becoming-wikipedia-literate.pdf

- **Geiger, R.S.,** Y.J. Jeong, and E. Manders (2012). "Black-Boxing the User: Internet Protocol over Xylophone Players." In *Proceedings of the 2012 ACM Conference on Human-Computer Interaction (alt.CHI 2012)*. New York: ACM Digital Library. http://dl.acm.org/citation.cfm?id=2212785

- **Geiger, R.S.** (2012). "Bots are Users, Too! Rethinking the Roles of Software Agents in HCI." *Tiny Transactions on Computer Science, Vol I.* http://tinytocs.org/vol1/papers/tinytocs-v1-stuart.pdf

- **Geiger, R.S.** and H. Ford. (2011) "Participation in Wikipedia's Deletion Processes." In *Proceedings of the 7th International Symposium on Wikis and Open Collaboration (WikiSym 2011).* New York: ACM Digital Library. http://dx.doi.org/10.1145/2038558.2038593

- **Geiger, R.S.** (2011). "The Lives of Bots." In G. Lovink and N. Tkacz (eds.) In *Wikipedia: A Critical Point of View*. Amsterdam: Institute of Network Cultures. http://www.stuartgeiger.com/lives-of-bots-wikipedia-cpov.pdf

- **Geiger, R.S.** and D. Ribes (2011). "Trace Ethnography: Following Coordination through Documentary Practices." In *Proceedings of the 44th Annual Hawaii International Conference on System Sciences (HICSS).* http://dx.doi.org/10.1109/HICSS.2011.455. Best paper nomination.

- **Geiger, R.S.** and D. Ribes (2010). "The Work of Sustaining Order in Wikipedia: The Banning of a Vandal." In *Proceedings of the 2010 ACM Conference on Computer-Supported Cooperative Work (CSCW 2012)*. New York: ACM Digital Library.
  http://dx.doi.org/10.1145/1718918.1718941

- **Geiger, R.S.** (2009). "Does Habermas Understand the Internet? The Algorithmic Construction of the Blogo/Public Sphere." *Gnovis: A Journal of Communication, Culture, and Technology*. 10(1). http://gnovisjournal.org/2009/12/22/does-habermas-understand-internet-algorithmic-construction-blogopublic-sphere/

- **Geiger, R.S.** (2009). "The Social Roles of Bots and Assisted Editing Tools." In *Proceedings of the 5th International Symposium on Wikis and Open Collaboration.* New York: ACM Digital Library. http://dx.doi.org/10.1145/1641309.1641351

Conference Presentations:

- **Geiger, R.S.** (2013). "Values Where? Interrogating Client-Side Scripting as a Design Process" Presented at *Theorizing the Web*. Sponsored by CUNY Graduate Center: New York, NY, Mar 1-2, 2013.

- **Geiger, R.S.** (2012) "Time to Degree: Examining the Experiences of Graduate Students in the Long-Term Ecological Research Network." Presented at the *2012 Annual Meeting of the Society for the Social Study of Science (4S)*. Sponsored by the Society for the Social Study of Science: Copenhagen, Denmark, Oct 17-20, 2012.

- **Geiger, R.S.** and Ford, H. (2012) "Trace literacy: a framework for holistically conceptualizing newcomer socialization in socio-technical systems." Presented at *Infosocial*. Sponsored by the Northwestern Media, Technology, and Society Program: Evanston, IL, Oct 12-13, 2012

- **Geiger, R.S.** (2012) "Improving Wikipedia's Notifications to Rejected Contributors." Presented at *GCOE International Symposium on Informatics Education*. Sponsored by Kyoto University Global Center of Excellence: Kyoto, Japan, Mar 30-31, 2012.

- **Geiger, R.S**. (2011). "User-Generated Platforms in Wikipedian Governance." Paper presented at the *2011 Annual Meeting of the Society for the Social Study of Science (4S)*. Sponsored by the Society for the Social Study of Science: Cleveland, OH, Nov 2-5, 2011.

- **Geiger, R.S**. (2011). "'The Internet is Here': The Virtuality of 'On-line Communities in Physical Spaces." Paper presented at the *2011 Annual Meeting of the Society for the Social Study of Science.* Sponsored by the Society for the Social Study of Science: Cleveland, OH, Nov 2-5, 2011.

- **Geiger, R.S.** (2011). "Machine-Generated Content: Bots and the Governance of Wikipedia." Presented at *Digital Media and Learning 2011.* Sponsored by the DML Central: Long Beach, CA, March 3-5, 2011.

- **Geiger, R.S.** (2010). "The Wisdom of Bots: A Critique of 'Self-Organization' in Wikipedia." Presented at *Critical Point of View: Wikipedia and the Politics of Open Knowledge.* Sponsored by the Centre for Internet and Society: Bangalore, India, January 10-12, 2010.

- **Geiger, R.S.** (2010). "Bot Politics: How is Automation Changing the Wikipedian Society?" Presented at *Critical Point of View II*. Sponsored by the Institute for Networked Cultures: Amsterdam, Netherlands. March 26-27, 2010.

- **Geiger, R.S**. (2009). "Where Are the Missing Wikipedians? The Sociology of a Bot." Paper presented at the *2009 Annual Meeting of the Society for the Social Study of Science*. Sponsored by the Society for the Social Study of Science: Arlington, VA, Oct 28-31, 2009.

- **Geiger, R.S**. and D. Ribes. (2009). "Trace Ethnography: An ANT Method for the Study of Sociotechnical Networks." Presented at the *Second Annual Media Sociology Forum*. Sponsored by New York University: New York, New York, September 25, 2009.

- **Geiger, R.S**. (2009). "Algorithmic Governance: The Social Roles of Bots and Assisted Editing Tools." Presented at the *First Annual Wikiconference NYC*. Sponsored by the Wikimedia Foundation: New York, New York, July 25-26, 2009.

- **Geiger, R.S.** (2009). "Evolving Governance and Media Use in Wikipedia: A Historical Account." Presented at *Media in Transition 6*. Sponsored by Massachusetts Institute of Technology: Cambridge, MA, April 24-26, 2009.

- **Geiger, R.S.** (2009). "Working With/in Wikipedia: Infrastructures of Knowing and Knowledge Production." Presented at the *9th Annual Conference on Science and Technology in Society*. Sponsored by the American Association for the Advancement of Science: Washington, DC, March 28-29, 2009. <u>Top Paper Award.</u>

- **Geiger, R.S**. (2008). "Conceptions and Misconceptions Academics Hold About Wikipedia." Presented at the *4th Annual Wikimedia Conference (Wikimania 2008).* Sponsored by the Wikimedia Foundation: Library of Alexandria, Egypt, July 17-19, 2008.

- **Geiger, R.S.** (2008). "A Communicative Ethnography of Argumentative Strategies in a Wikipedian Content Dispute." Presented at *Exploring New Media Worlds*. Sponsored by the National Communication Association and Texas A&M University, Department of Communication: College Station, Texas, Feb 29 - Mar 2, 2008.

Conference Panels:

- Co-organized (with Aaron Halfaker) panel on "Community, Impact, and Credit: Where Do I Submit My Papers?" Panel at the *2013 ACM Conference on Computer Supported Cooperative Work (CSCW 2013).* Sponsored by the Association for Computing Machinery: San Antonio, TX, Feb 23-27, 2013.

- Co-organized (with Aaron Halfaker) panel on "What Aren't We Measuring? Methods for Quantifying Wiki-Work." Panel at the *2012 International Symposium on Wikis and Open Collaboration (WikiSym 2012).* Sponsored by the Association for Computing Machinery: Linz, Austria, Oct 27-30, 2012.

- Panel member on "Hunting for Fail Whales: Lessons from Deviance and Failure in Social Computing." Panel at the *2012 ACM Conference on Human Factors in Computing (CHI 2012).* Sponsored by the Association for Computing Machinery: Austin, TX, May 5-9, 2012.

Conference Posters:

- **Geiger, R.S.** "Software Agents as Social Agents." Poster presented at the *2013 ACM Conference on Computer Supported Cooperative Work (CSCW 2013).* Sponsored by the Association for Computing Machinery: San Antonio, TX, Feb 23-27, 2013.

- Ribes, D. and **R.S. Geiger**. (2009). "How are information technologies reshaping collaboration in LTER?" Poster presented at the *Eleventh Annual Meeting of the Baltimore Ecosystem Study*. Sponsored by the Baltimore Ecosystem Study: Baltimore, Maryland, Oct 21-23, 2009.

- Ribes, D., S. Jackson, **R.S. Geiger**, M. Burton, and T. Finholt. (2009). "VOSS: Delegating Organizational Work to Virtual Organization Technologies." Poster presented at the *2009 Annual Meeting of the Long-Term Ecological Research Network*. Sponsored by the Long-Term Ecological Research Network: Estes Park, Colorado, Sept 14-16, 2009.

- **Geiger, R.S**. (2008). "The Wikipedian Discourse: A Foucauldian Analysis of Power Relations." Poster presented at the *94th Annual Convention of the National Communication Association*. Sponsored by the National Communication Association: San Diego, California, November 21-26, 2008.

Teaching Experience:

- **Graduate Student Instructor** (Spring 2012, Spring 2013)
    - **Class:** INFO-203, Social Aspects of Information, a core masters-level course
    - **Duties included:** Grading assignments; holding weekly office hours; assisting students with writing and final projects; giving two 1.5 hour lectures per semester.
    - **Reference:** Jenna Burrell, jenna@ischool.berkeley.edu

- **Teaching assistant** (Fall 2009)
    - **Class:** CCTP-783, Qualitative Data Analysis, a core methods graduate-level course
    - **Duties included:** General logistical work to prepare for classes; working as needed with individual students to develop research agendas, theoretical orientations, and multiple qualitative data analysis techniques.
    - **Reference:** David Ribes, dr273@georgetown.edu

- **Teaching assistant** (Fall 2008)
    - **Class:** CCTP-505, Introduction to Communication, Culture, and Technology, a required course for first-year graduate students.
    - **Duties included:** Holding weekly discussion sessions with an eleven student group to discuss course material and assignments, holding regular office hours, and providing technical support to professors during lectures
    - **Reference:** Jeanine Turner, turnerjw@georgetown.edu, Michael Coventry, coventrm@georgetown.edu

Media Appearances, Profiles, and Mentions:

- *California* Magazine, September 2011: http://is.gd/kTMUe6
- NPR's *Marketplace*, August 2011: http://is.gd/smiGWU
- *Anthropology News*, December 2011: http://is.gd/0LOeQb
- *Ethnography Matters*, February 2012: http://is.gd/0ADoYc
- IEEE *Computer*, March 2012: http://dx.doi.org/10.1109/MC.2012.82
- *The Guardian*, March 2012: http://is.gd/qchQxf