

Christopher Wienberg

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Current Affiliation	USC/Institute for Creative Technologies 12015 Waterfront Drive Los Angeles, CA 90094 http://people.ict.usc.edu/~cwienberg
Research Interests	Social Media · Natural Language Processing · Computational Social Science My research focuses on how people present themselves on the web and how that information might be extracted, analyzed, and used to make conclusions about individuals and people. My dissertation topic was about using web data to make predictions about real world population phenomena (e.g. economic or political activity) with a focus on adjusting predictions to account for the demographic biases of web populations. In the course of my studies, I have built topic models and models of web users using natural language processing and information retrieval tools. I have examined the usefulness of web data to study peoples health behaviors and outcomes. I have examined the reliability of data collected about people on the web. I have considered ethical questions about research conducted using web data that, while public, was not collected with the informed consent of the users.
Education	University of Southern California (2010–2017). Ph.D. in Computer Science. Dissertation: Demographic Bias Correction for Social Media Data Committee: Andrew S. Gordon (chair), Ellis Horowitz, Arie Kapteyn Defended: March 2017 · Conferral: August 2017 (expected) University of Southern California (2010–2013). M.S. in Computer Science. Pomona College (2006–2010). B.A. in Computer Science.
Work Experience	Software Engineering Intern (PhD), Google, Summer 2013. Location: Los Angeles, CA · Supervisor: Congxing Cai Investigated ways to evaluate the effectiveness of brand advertising campaigns. Compared various semantic signals' effectiveness in this task. Used Map-Reduce framework to compare different approaches.
Teaching	Graduate Teaching Assistant, University of Southern California, Fall 2015–Fall 2016. <i>Data Structures and Object Oriented Design</i> . Spring, Summer, Fall 2016 <i>Applied Natural Language Processing</i> . Fall 2015. Visiting Lecturer in Computer Science. Pomona College, Spring 2015. Course Title: <i>Social Media Analysis</i> Covered core concepts, including: social network structures; influence and information diffusion; sentiment analysis; population modeling and prediction; and research ethics. Students read, evaluated, presented, and discussed research papers, and concluded the course with a hands-on project.
Awards and Honors	USC Viterbi School of Engineering Top-Off Fellowship, 2010–2014 Pomona College Summer Undergraduate Research Program (SURP) Grant, 2008

- Service** Program Committee Member, World Wide Web Conference (Web Science Track) 2016
Program Committee Member, ACM Web Science 2014, 2015
Chair of Institute for Creative Technologies' Graduate Student Committee, 2012–2014
- Refereed Publications** Wienberg, C., and Gordon, A. (2015) Insights on Privacy and Ethics from the Web's Most Prolific Storytellers. The 6th Annual ACM Web Science Conference (WebSci'15), Jun 28–Jul 1, 2015, Oxford, United Kingdom.
- Gordon, A., Core, M., Kang, S., Wang, C., Wienberg, C. (2014) Civilian Analogs of Army Tasks: Supporting Pedagogical Storytelling Across Domains. The 11th International Conference of the Learning Sciences (ICLS 2014), June 23–27, 2014, Boulder, CO, USA.
- Wienberg, C., and Gordon, A. (2014) Privacy Considerations for Public Storytelling. The Eighth International AAAI Conference on Weblogs and Social Media (ICWSM 2014), June 2–4, 2014, Ann Arbor, MI, USA.
- Koh, S., Gordon, A., Wienberg, C., Sood, S., Morley, S., and Burke, D. (2014) Stroke Experiences in Weblogs: A Feasibility Study of Sex Differences. *Journal of Medical Internet Research*, 16(3):e84.
- Wienberg, C., Roemmele, M., and Gordon, A. (2013) Content-Based Similarity Measures of Weblog Authors. The 4th Annual ACM Web Science Conference (WebSci'13), May 2–4, 2013, Paris, France.
- Wienberg, C., and Gordon, A. (2012) PhotoFall: Discovering Weblog Stories Through Photographs. The 21st ACM International Conference on Information and Knowledge Management (CIKM 2012), Oct 29–Nov 2, 2012, Maui, Hawaii, USA.
- Gordon, A., Wienberg, C., and Sood, S. (2012) Different Strokes of Different Folks: Searching for Health Narratives in Weblogs. 2012 ASE/IEEE International Conference on Social Computing (SocialCom 2012), Sep 3–5, 2012, Amsterdam, The Netherlands.
- Campbell, A., Wienberg, C., and Gordon, A. (2012) Collecting Relevance Feedback on Titles and Photographs in Weblog Posts. International Conference on Intelligent User Interfaces (IUI 2012), Feb 14–17, 2012, Lisbon, Portugal.
- Popular Press** “Getting to Know You: Using the Web to Understand People.” Huffington Post, June 12, 2014. http://www.huffingtonpost.com/university-of-southern-california/getting-to-know-you-using_b_5489865.html
- Miscellanea** Documentary: “Friends You Haven't Met Yet”
A documentary short about public storytelling on the web, social media research, and privacy and ethics with respect to large web corpora.
Official Selection, Dances With Films 17. May 29–June 8, 2014, Los Angeles, CA, USA.
Presented at the 5th Annual ACM Web Science Conference (WebSci'14), June 23–26, 2014, Bloomington, IN, USA.
Available online: <https://www.youtube.com/watch?v=F3daMCpAqwQ>