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Education

University of Washington

PhD in Computer Science and Engineering

Master of Science in Computer Science of Engineering

Thesis: Temporal Informatics of the WWW

Advisor: Daniel Weld (Committee: S. Dumais, J. Fogarty, M. Balazinska, E. Efthimiadis)

Seattle, WA

December 2009

April 2007

Massachusetts Institute of Technology

Master of Engineering in Electrical Engineering and Computer Science

Thesis: “Hybrid-Search and Storage of Semi-structured Information”,

Advisors: David R. Karger and Lynn Andrea Stein

Cambridge, MA

May 1998

Bachelor of Science, Computer Science

Thesis: “Haystack: A Personal, Intelligent, Indexing System”,

Advisors: David R. Karger and Lynn Andrea Stein

May 1997

Professional Experience

University of Michigan, School of Information & Computer Science and Engineering

Associate Professor (with Tenure)

Assistant Professor

Ann Arbor, MI

September 2014—Present

September 2009 – September 2014

Microsoft Research

Consulting Researcher (MSR Redmond)

Consulting Researcher (MSR New England)

Cambridge, MA & Redmond, WA

July 2013

July 2011

University of Washington, CSE

Graduate Researcher

Seattle, WA

September 2005 — 2009

Microsoft Research

Intern/Consultant, ASI Group

Redmond, WA

April 2007 — June 2008

Information Dynamics Lab., Hewlett-Packard

Member of Research Staff

Palo Alto, CA

February 2001 — September 2005

Internet Ecologies Area,

Xerox Palo Alto Research Center (PARC)

Member of Research Staff

Palo Alto, CA

March 2000 — February 2001

Outride Inc. (Xerox PARC spin-off, acquired by Google)

Co-founder, Interim VP Business Development

Palo Alto, CA

November 1999 — March 2000

Quantitative Content Analysis,

Xerox Palo Alto Research Center (PARC)

Member of Research Staff

Palo Alto, CA

July 1998 — November 1999

Project Haystack,
Laboratory for Computer Science & Artificial Intelligence Lab, MIT
Undergraduate & Graduate Researcher (Advisors: David Karger & Lynn Andrea Stein)

Cambridge, MA
January 1996 — June 1998

Library 2000,
Laboratory for Computer Science, MIT
Undergraduate Researcher (Advisor: Jerome Saltzer)

Cambridge, MA
October 1993 — November 1995

Additional projects

- *MIT Office for Facilities Management Systems (Consultant)*
- *Agency.com (Consultant)*
- *CDMe (Co-founder, CTO)*
- *Trilogy/Conquer (Summer Intern, Consultant)*
- *Anadigics Inc. (Intern)*

Fellowships and Awards

- Michael D. Cohen Outstanding Service Award, UMSI, 2016
- Best Paper Award, ICML 2016 Workshop on Visualization for Deep Learning (for [70])
- Best Paper Nominee, WSDM 2016 (for [6])
- Honorable Mention, CHI 2013 (for [17])
- Honorable Mention, InfoVis 2011 (for [22])
- 10-years Most Influential Paper Award, WI-IAT 2011 (for [35])
- Finalist, Microsoft Faculty Fellowship, 2011
- Kavli Fellow, National Academy of Sciences, 2010
- Best Student Paper, WSDM 2009 (for [28])
- Best Paper Award, CHI 2008 (for [31])
- NSF Graduate Research Fellowship, 2006-2009
- ComputerWorld Horizon Awards for HP Labs Tycoon, (team leads: K. Lai & B. Huberman), 2006
- ARCS Fellowship, 2005-2008
- Departmental Fellowship, University of Washington, CSE, 2005-2006
- Team Excellence in Science and Technology, Xerox PARC, 1999
- Anna Pogoyants UROP Award, MIT, 1997

Courses Taught

University of Michigan

- SI370, Exploratory Data Analysis (F15)
- SI608 (previously SI508), Networks (F11,W13)
- SI749 Information Visualization, PhD course (W10, F10, F11)
- SI649, Information Visualization (W10, F10, F11, F12, F13, W14, F14, W15-two sections, F15- two sections, F16-two sections (co-instructor, also as EECS548))
- SI694, Advanced Project and Social Computing Design (W10, W11, W12)
- SI508/SI708/CMPLX608, Networks (F11)
- Big Data Summer Institute, 2015 & 2016, (invited lectures)

University of Washington

- CSE454 (as TA) – Advanced Internet and Web Services (F07);
- CSE590V (Course Instructor) – Research in CS (W07, S09)

Grants & Other Funding

- Co-I, RIDIR: Longitudinal Intergenerational Family Electronic Micro-Database (LIFE-M), 2015-2020, PI: Martha Bailey, \$2.1M, School of Information portion: \$54,081
This proposal seeks to transform vital records data into the Longitudinal, Intergenerational Family Electronic Micro-Database (LIFE-M). LIFE-M comprehensively covers individuals born in the United States from 1880 to 1930, including representative samples of men and women, linking networks of families across up to four generations, and census information with measures of health, family background, and early life context. LIFE-M allows for the comprehensive study of the economic and geographic mobility of individuals and families, family formation and dissolution, and the long-term effects of adverse events, public policies, and family resources on economic and family processes. LIFE-M is constructed by linking digitized vital records (birth, death and mortality certificates) with historical records from decennial census.
- Co-PI, EAGER: Collaborative: Design, Perception, and Action - Engineering Information Give-Away, 2015-2017, \$224k
The specific research goals are to (a) identify design patterns that shape disclosure norms, (b) experimentally determine the mechanisms by which they work (e.g., how patterns modify perception of norms and thus behavior), and (c) integrate these observations into existing theoretical frameworks (e.g., the "privacy calculus") that model how disclosure decisions are made. The PIs plan to use experiments to identify the impact of design on the perception of social norms and subsequent information divulging behavior. The experiments combine methodologies from experimental economics with Human Computer Interaction (HCI) methods. Additionally, the PIs will test econometrically an extension of the privacy calculus model that includes a preference for norm compliance, estimating an individual's willingness to trade-off between privacy preserving behavior and compliance with sharing norms. This research will demonstrate how tools from different disciplines can be used to enhance understanding of design in privacy and HCI. The results would feed back to the privacy, economics, and HCI communities.
- PI, III: Small: Collaborative Research: Automatically Generating Contextually-Relevant Visualizations, 2014-2017, \$379k
Information visualizations, such as charts and maps, can greatly enhance news articles by adding context, helping the reader understand complex facts, aiding in decision making, and making information more memorable. Unfortunately, creating good news visualizations is a difficult and labor-intensive task that involves numerous complex decisions. A designer must identify data relevant to the article, clean the data, generate the visualization (a complex process on its own), and provide annotations to connect the article and visualization. While some design guidelines have been developed, many decisions are based on designer intuition, a process that is not scalable to the thousands of news articles that are published every day. This project seeks to build intelligent tools to help designers more quickly create good news visualizations and to develop systems that generate news visualizations autonomously. This research project will enhance citizen understanding of complex information in the news and improve numerical, graphical, and geography literacy. Additionally, the research will provide support for new job categories (e.g., data scientists, computational journalists, data analysts, etc.) and existing companies (e.g., online media, search engines, etc.) in their evolution to new interactive platforms. The research results will be integrated into a broad set of widely accessible educational materials for a variety of courses (visualization, spatial computing, and text analysis) and will serve as research and practical training for undergraduates, graduates, and professionals.
- Co-I, NCRN-MN: Linking Surveys to the World: Administrative Data, the Web, and Beyond. Michigan Node of the NSF-Census Research Network, 2011-2016, \$3.26M (\$330K, School of Information portion)
Federal statistical agencies have pressing needs to innovate in light of the rapidly changing structure of the economy and the interaction of these changes with the fundamental ways in which households and businesses produce and use information. Broadly speaking, this project will use data generated by households and businesses in the course of their normal activities (administrative data and web-generated user data) to produce economic and demographic measurements that are currently generated from surveys. Mining the Web for economic measurement. This activity will use computational techniques to demonstrate and implement real-time, web-based measurements of employment and business creation that can supplement, inform, and perhaps eventually replace survey-based measures.
- PI, Network Analysis of Emerging Scientific and Technological Innovations – IARPA Fuse, 2011-2015, \$824k (UM Portion)
IARPA's Foresight and Understanding from Scientific Exposition (FUSE) Program seeks to develop automated methods that aid in the systematic, continuous, and comprehensive assessment of technical

emergence using publicly available information found in published scientific, technical and patent literature. The team will use a theory-directed extension of best-of-breed language and network modeling techniques to produce the Copernicus system.

- Co-PI, Google, MTogether: A Living Lab for Social Media Research., Jan. 2013, \$500k, additional funding (\$25k) from Facebook.
- PI, MCubed, University of Michigan Internal Award (Sept. 2012), \$60k
- PI, Adobe Research, \$6.2K (Jan. 2013), \$7k (Dec. 2012), \$7k (Sep. 2012), \$9k (Sep. 2014), \$20k (Nov. 2014), \$9k (Jan. 2016), \$7k (Mar 2016)
- PI, Long Now Search, Yahoo! Research, 2011, \$15k
- PI, Microsoft, Temporal Dynamics of Scientific Disciplines 2011, \$70k
- PI, Microsoft, Measuring Web Content Interest, 2010 \$10k
- PI, Query by Example on the Temporal Web, Google Research Award, 2010, \$50k
- PI, Vinegar, Microsoft Accelerating Search in Academic Research Award, 2006, \$50k

Total funding PI/Co-PI/Co-I (share to personal/SI projects): over \$2.5M

Professional Activities

Organizing Committees

- Steering Committee, ICWSM, 2007-present (conference co-founder)
- Co-organizer, Pedagogy of Data Visualization Workshop, IEEE Vis'16, Oct. 2016
- Tutorial Chair, Web Search and Data Mining (WSDM'15), February 2015
- Co-General Chair, International Conference on Weblogs and Social Media (ICWSM'14), June 2014
- Organizing Committee, iConference Social Media Expo, iConference 2013
- Conference Co-Chair, Web Search and Data Mining 2012 (WSDM'12), February 2012
- Conference Chair, 2nd Int. Conference on Weblogs and Social Media (ICWSM'08), March 2008
- Conference Co-Chair, Int. Conference on Weblogs and Social Media (ICWSM'07), March 2007
- Workshop co-organizer, 3rd Workshop on the Weblogging Ecosystem (@WWW'06), May 2006
- Workshop co-organizer, 2nd Workshop on the Weblogging Ecosystem (@WWW'05), May 2005
- Workshop co-organizer, 1st Workshop on the Weblogging Ecosystem, (@WWW'04), May 2004

Program Committees (alphabetical)

AAAI

- PC: AAAP'10 (July 2010), AAAP'08 (July 2008)

CHI

- AC: CHI'17 (May 2017), CHI'14 (May 2014), CHI'12 (May 2012), CHI'11 (April 2011)

CIKM

- PC: CIKM'08 (October 2008), CIKM'99 (November 1999)
- PC, Politics, Elections and Data Workshop (@CIKM'13), October 2013
- PC, Search and Social Media (SSM) Workshop, (@CIKM'08), October 2008.

ICWSM

- SPC: ICWSM'16 (May 2016), ICWSM'17 (May 2017)
- PC: ICWSM'13 (July 2013), ICWSM'11 (July 2011), ICWSM'10 (May 2010)
- Best Paper Committee: ICWSM'13 (July 2013)

SIGIR

- PC: SIGIR'13 (July 2013), SIGIR'10 (July 2010), SIGIR'09 (July 2009)
- Workshop Program Committee, SIGIR'15 (July 2015)
- Poster Session PC: SIGIR'12 (August 2012), SIGIR'09 (July 2009)
- PC, Workshop on Time-aware search (in 2014: Workshop on Temporal, Social and Spatially-aware Information Access): @SIGIR'14 (July'14), @SIGIR'13 (August 2013), @SIGIR'12 (August 2012)
- PC, Enriching Information Retrieval, (@SIGIR'11), July, 2011
- PC, Web N-Gram Workshop (@SIGIR'10), July 2010
- PC, 2nd Search and Social Media Workshop (@SIGIR'09), July 2009

UIST

- AC: UIST'15 (November 2015)

WSDM

- SPC: WSDM'17, WSDM'15 (February 2015) – Outstanding Meta-Reviewer Award
- PC: WSDM'14 (February 2014), WSDM'13 (February 2013), WSDM'11 (February 2011)
- Best Paper Committee: WSDM'12 (February 2012), WSDM'11 (February 2011)
- PC, Workshop on Web Search Click Data (@WSDM'09), February 2009

WWW

- PC: WWW'11 (March 2011), WWW'10 (April 2010), WWW'09 (April 2009), WWW'08 (April 2008), WWW'06 (May 2006).
- PC, Poster Committee, WWW'05 (May 2005)
- PhD Symposium PC: WWW'12 (April 2012), WWW'04 (May 2004)
- PC, Workshop on Temporal Web Analytics (March 2011, April 2012, May 2013, April 2014)
- PC, Workshop on End User Programming for the WWW (@WWW'10), April 2010
- PC, Query Log Analysis Workshop (@WWW'07), May 2007
- PC, Collaborative Web Tagging Workshop (@WWW'06), May 2006

Other

- SPC, IJCAI 2016, Special Track on AI and the Web, July, 2016
- PC, Int. Conference on Computational Social Science, IC2S2 2015, June 2015
- SPC, SocInfo'14, November 2014
- PC, Workshop on Interaction and Exchange in Social Media, DYAD@SocInfo'14, November 2014
- PC, WebDB'14 (Workshop@SIGMOD), June 2014
- PC, JCDL'12, June 2012
- PC, Databases and Social Networks (DBSocial @SIGMOD), May 2012
- PC, Workshop on Social Media Analytics (@KDD'10), August 2010
- PC, COLING'10, IR & QA Track, August 2010
- PC, Modeling, Managing, and Mining of Evolving Soc. Nets. (@ICDE'09), March 2009
- PC, ICWE'06, July 2006.

Additional Professional Activities

- Grant reviews (panel and ad hoc)
 - Israel Science Foundation, 2014, 2015
 - NWO Physical Sciences Division, Netherlands, 2013
 - U.S.-Israel Binational Science Foundation, 2013
 - NSF Panel (GRFP, 2016; III, 2011; HCC, 2012)
 - Grant proposal reviewer, Fundação para a Ciência ea Tecnologia (FCT), Portugal, 2003
- NSF CPATH Advisory Panel for Duke University, Revitalizing CS Education, 2007-2010.
- Session Chair, CHI'16, CHI'14, CHI'12, WSDM'11, CHI'09, CIKM'99
- Ad hoc conference and journal reviews including: WWW, CSCW, CHI, TOIT, TOCHI, IEEE TSE, Pervasive, IEEE InfoVis, UIST, HICSS, SIMPRA, JCMC, Economics of P2P, IEEE TWEB, CSUR, Social Networks, Computers & Graphics, J. Web Semantics, Internet Mathematics, PLOS One

University Service

- Member, Advisory Committee for the Graduate Certificate Program in Spatial Analysis, 2014-2016
- Member, School of Information, Dean's Advisory Committee, 2015—2016
- Chair, School of Information Faculty Search Committee, 2014-2015, 2015-2016, 2016-2017 (co-chair)
- Member, School of Information Dean Search Committee, 2015-2016.
- Member, School of Information Undergraduate Committee, 2013-2014
- Member, School of Information PhD Committee 2010-2013
- Member, School of Information Faculty Search Committee, 2009-2010, 2012-present
- Co-organizer, Co-founder, Michigan Data Sciences (MIDAS), 2010-present
- Faculty coordinator, HCI/Social Computing Specialization, School of Information, 2010-present

Publications, Talks, and Patents

Conferences

1. Kim, Yea-Seul, Jessica Hullman, Matthew Burgess, and Eytan Adar, "SimpleScience: Lexical Simplification of Scientific Terminology," to appear, EMNLP'16
2. Rong, Xin, Shiyang Yan, Steve Oney, Mira Dontcheva, Eytan Adar, "CodeMend: Exploratory Programming Assistant with Bimodal Embedding," to appear, UIST'16
3. Shiqing He, Eytan Adar, "VizItCards: A Card Based Toolkit for Infovis Design Education," to appear, Vis'16
4. Matthew Burgess, Eugenia Giraudy, Eytan Adar, "Prototype Synthesis for Model Laws," ACL'16, Berlin, Germany, August 7-12, 2016.
5. Chang, Daphne, Erin L. Krupka, Eytan Adar, and Alessandro Acquisti, "Engineering Information Disclosure: Norm Shaping Designs", CHI'16, San Jose, CA, May 7-12, 2016.
6. Adamic, Lada A., Thomas M. Lento, Eytan Adar and Pauline C. Ng, "Information Evolution in Social Networks," WSDM'16, San Francisco, CA, Feb. 22-25, 2016. (**Best Paper Nominee**, AR: 18%).
7. Rong, Xin, Zhe Chen, Qiaozhu Mei and Eytan Adar, "EgoSet: Exploiting Word Ego-networks and User-generated Ontology for Multifaceted Set Expansion," WSDM'16, San Francisco, CA, Feb. 22-25, 2016. (AR: 18%).
8. Gao, Tong, Mira Dontcheva, Eytan Adar, Zhicheng Liu, Karrie Karahalios, "DataTone: Managing Ambiguity in Natural Language Interfaces for Data Visualization," UIST'15, Charlotte, NC, Nov. 8-11, 2015 (AR: 24%).
9. Adar, Eytan and Srayan Datta, "Building a Scientific Hierarchy Database (SCHBase)," ACL'15, Beijing, China, July 26-31, 2015 (AR: 25%).
10. Carton, Samuel, Souneil Park, Nicole Zeffer, Eytan Adar, Qiaozhu Mei, Paul Resnick, "Audience Analysis for Competing Memes in Social Media," ICWSM'15, Oxford, UK, May 26-29, 2015 (AR: 20%).
11. Hullman, Jessica, Nicholas Diakopoulos, Elaheh Momeni, and Eytan Adar, "Content, Context, and Critique: Commenting on a Data Visualization Blog," CSCW'15, Vancouver, Mar. 14-18, 2015 (AR: 28%).
12. Adar, Eytan, Mira Dontcheva, Gierad Laput, "CommandSpace: Modeling the relationships between tasks, descriptions, and features," UIST'14, Honolulu, HI, Oct. 5-8, 2014 (AR: 22%).
13. Livne, Avishay, Vivek Gokuladas, Jaime Teevan, and Susan Dumais, Eytan Adar, "CiteSight: Supporting Contextual Citation Recommendation Using Differential Search," SIGIR'14, Gold Coast, Australia, July 6-11, 2014 (AR: 21%).
14. Gao, Tong, Jessica Hullman, Eytan Adar, Brent Hecht, and Nicholas Diakopoulos "NewsViews: An Automated Pipeline for Creating Custom Geovisualizations for News," CHI 2014, Toronto, Apr. 27-May 1, 2014 (AR: 23%).
15. Hullman, Jessica, Steven Drucker, Natalie Henry Riche, Bongshin Lee, Danyel Fisher, and Eytan Adar, "A Deeper Understanding of Sequence in Narrative Visualization," IEEE Vis 2013, Atlanta, GA, Oct. 13-18, 2013 (AR: 25%)
16. Burgess, Matthew, Alessandra Mazzia, Eytan Adar, and Michael Cafarella, "Leveraging Noisy Lists for Social Feed Ranking," ICWSM'13, Boston, MA, July 8-10, 2013 (AR: 20%)
17. Adar, Eytan, Desney Tan, and Jaime Teevan, "Benevolent Deception in Human Computer Interaction," CHI'13, Paris, Apr. 27 – May 2, 2013, **Best of CHI Honorable Mention** (AR: 20%)
18. Hullman, Jessica, Nicholas Diakopoulos, and Eytan Adar, "Contextifier: Automatic Generation of Messaged Visualizations," CHI'13, Paris, Apr. 27 – May 2, 2013 (AR: 20%)
19. Laput, Gierad, Mira Dontcheva, Gregg Wilensky, Walter Chang, Aseem Agarwala, Jason Linder, and Eytan Adar, "PixelTone: A Multimodal Interface for Image Editing," CHI'13, Paris, Apr. 27 – May 2, 2013 (AR:20%)
20. Laput, Gierad, Eytan Adar, Mira Dontcheva, and Wilmot Li, "Tutorial-based Interfaces for Cloud-enabled Applications," UIST'12, Boston, MA, Oct. 7-10, 2012. (AR: 21.5%)
21. Mazzia, Alessandra, Kristen LeFevre, and Eytan Adar, "The PViz Comprehension Tool for Social Network Privacy Settings," Symposium on Usability and Privacy and Security (SOUPS'12), Washington, DC, July 11-13. (AR: 21%)

22. Hullman, Jessica, Eytan Adar, and Priti Shah, "Benefitting InfoVis with Visual Difficulties," InfoVis'11, Providence, RI, October 23-28, 2011, **Honorable Mention Award**. (AR: 26%)
23. Livne, Avishay, Matthew Simmons, Eytan Adar, Lada Adamic, "The Party is Over Here: Structure and Content in the 2010 Election," ICWSM'11, Barcelona, July 17-21, 2011. (AR: 19%)
24. Simmons, Matthew, Lada Adamic, Eytan Adar, "Memes Online: Extracted, Subtracted, Injected, and Recollected," ICWSM'11, Barcelona, July 17-21, 2011. (AR: 19%)
25. Hullman, Jessica, Eytan Adar, and Priti Shah, "The Impact of Social Information on Visual Judgments," CHI'11, Vancouver, Canada, May 7-12, 2011. (AR: 27%)
26. Adar, Eytan, Jaime Teevan, and Susan Dumais, "Resonance on the Web: Web Dynamics and Revisitation Patterns," CHI'09, Boston, MA, April 4-9, 2009. (AR: 25%)
27. Adar, Eytan, Michael Skinner, Daniel S. Weld, "Information Arbitrage in Multi-Lingual Wikipedia," WSDM'09, Barcelona, Spain, February 9-12, 2009. (AR: 17%)
28. Adar, Eytan, Jaime Teevan, Susan Dumais, Jonathan Elsas, "The Web Changes Everything: Understanding the Dynamics of Web Content," WSDM'09, Barcelona, Spain, February 9-12, 2009, winner **Best Student Paper Award**. (AR: 17%)
29. Adar, Eytan, Mira Dontcheva, James A. Fogarty, Daniel S. Weld, "Zoetrope: Interacting with the Ephemeral Web," UIST'08, Monterey, CA, October 19-22, 2008. (AR: 22%)
30. Weld, Daniel S., Fei Wu, Eytan Adar, Saleema Amershi, James Fogarty, Raphael Hoffmann, Kayur Patel and Michael Skinner "Intelligence in Wikipedia," AAAI'08, Chicago, IL, July 13-17, 2008. (AR: 24.2%)
31. Adar, Eytan, Jaime Teevan, and Susan Dumais, "Large Scale Analysis of Web Revisitation Patterns," CHI'08, April 5-10, 2008, Florence, Italy, winner **Best of CHI paper award**. (AR: 22%)
32. Teevan, Jaime, Eytan Adar, Rosie Jones, and Michael Potts, "Information Re-Retrieval: Repeat Queries in Yahoo's Logs," SIGIR'07, July 23-27, 2007, Amsterdam, Netherlands. (AR: 17%)
33. Adar, Eytan, Daniel S. Weld, Brian N. Bershad, Steven D. Gribble, "Why We Search? Visualizing and Predicting User Behavior," WWW'07, May 8-12, 2007, Banff, Canada. (AR: 15%)
34. Adar, Eytan, "GUESS: A Language and Interface for Graph Exploration," CHI'06, Montreal, Canada April 24-27, 2006. (AR: 24%)
35. Adar, Eytan, and Lada A. Adamic, "Tracking Information Epidemics in Blogspace," 2005 Conference on Web Intelligence, September 19-22, 2005, Compiègne, France, winner **10-years Most Influential Paper Award (2011)**. (AR: 18%)
36. Lukose, Rajan, Eytan Adar, Joshua Tyler and Caesar Sengupta, "SHOCK: Communicating with Computational Messages and Automatic Private Profiles," WWW'03, May 20-24, 2003.
37. Adamic, Lada A., Dennis Wilkinson, Bernardo A. Huberman, and Eytan Adar, "A Literature Based Method for Identifying Gene-Disease Connections," IEEE Computer Society Bioinformatics (CSB) Conference, August, 2002.
38. Adamic, Lada A., and Eytan Adar, "You Are What you Link," WWW'01, Hong Kong, May 1-5, 2001. (AR: 20%)
39. Fass, Adam, Eric Bier, and Eytan Adar, "PicturePiper: Using a Re-configurable Pipeline to Find Images on the Web," UIST 2000, San Diego, CA, Nov. 5-8, 2000. (AR: 26%)
40. Maurer, Sebastian M., Eytan Adar, and Bernardo A. Huberman, "Competitive Dynamics of Web Sites," Computing in Economics and Finance 2000, Barcelona, Spain.
41. Huberman, Bernardo A., Tadd Hogg, Rajan Lukose, and Eytan Adar, "Increasing the Efficiency of Online Negotiations Without Revealing Information," Computing in Economics and Finance 2000, Barcelona, Spain.
42. Adar, Eytan, David Karger, and Lynn Andrea Stein, "Haystack: Per-User Information Environments," CIKM 1999, November 2-6, Kansas City, MO.
43. Adar, Eytan and Jeremy Hylton, "On-the-fly Hyperlink Creation for Page Images," Digital Libraries '95, Austin, TX, 1995.

Journal Articles

44. Burgess, Matthew, Eytan Adar, and Michael Cafarella, "Link-Prediction Enhanced Consensus Clustering for Complex Networks," *PLoS ONE* 11(5): e0153384, May 20, 2016.

45. Hullman Jessica, Paul Resnick, Eytan Adar, "Hypothetical Outcome Plots Outperform Error Bars and Violin Plots for Inferences about Reliability of Variable Ordering," *PLoS ONE* 10(11): e0142444, Nov. 16, 2015.
46. Adar, Eytan, "The Two Cultures and Big Data Research," *I/S: A Journal of Law and Policy for the Information Society*, 10(3), Winter, 2015.
47. Resnick, Paul, Eytan Adar, and Cliff Lampe, "What Social Media Data We're Missing and How to Get It," *ANNALS of the American Academy of Political and Social Science*, May 2015, 659(1):192-206.
48. Adar, Eytan and Christopher Ré, "Managing Uncertainty in Social Networks," *Data Eng. Bulletin*, 30(2):23-31, July 2007.
49. Huberman, Bernardo A., Eytan Adar, and Leslie R. Fine, "Valuating Privacy," *IEEE Security & Privacy*, 3(5):22-25, September/October, 2005 (also at the WEIS workshop).
50. Lai, Kevin, Lars Rasmusson, Eytan Adar, Stephen Sorkin, Li Zhang, and Bernardo Huberman, "Tycoon: an implementation of a Distributed Market-Based Resource Allocation System," *Multiagent and Grid Systems*, 1(3):169-182, 2005.
51. Adar, Eytan, "Drawing Crowds and Bit Welfare," *SIGecom Exchanges*, 5(4):31-40, July 2005.
52. Adamic, Lada A., and Eytan Adar, "How to Search a Social Network," *Social Networks*, 27(3):187-203, July 2005.
53. Wren, Jonathan D., Jeffrey T. Chang, James Pustejovsky, Eytan Adar, Harold R. Garner, and Russ B. Altman, "Biomedical Term Mapping Databases," *Nucleic Acid Research*, January 1, 2005, 33:D289-D293.
54. Adar, Eytan, "SaRAD: A Simple and Robust Abbreviation Dictionary," *Bioinformatics*, March 1, 2004, 20(4):527-533.
55. Adamic, Lada A., and Eytan Adar, "Friends and Neighbors on the Web," *Social Networks*, 25(3):211-230, July 2003.
56. Adamic, Lada A., Orkut Buyukkokten, and Eytan Adar "A Social Network Caught in the Web" *First Monday*, June 2003.
57. Adar, Eytan, Rajan Lukose, Caesar Sengupta, Josh Tyler, and Nathaniel Good, "SHOCK: A Privacy-Preserving Knowledge Network," *Information System Frontiers*, 5(1):15-28, 2003.
58. Pitkow, James, Hinrich Schutze, Todd Cass, Rob Cooley, Don Turnbull, Andy Edmonds, Eytan Adar, and Thomas Breuel, "Personalized Search," *Communications of the ACM*, September 2002.
59. Adar, Eytan and Bernardo A. Huberman, "A Market for Secrets." *First Monday*, August 2001
60. Adar, Eytan and Bernardo A. Huberman, "Free Riding on Gnutella," *First Monday*, October 2000.
61. Adar, Eytan and Bernardo A. Huberman, "Economics of Surfing," *Q. J. of Electronic Commerce*, Volume 1(3):203-214, 2000.

Book Chapters

62. Bigham, Jeffery P., Michael Bernstein, Eytan Adar, "Human-Computer Interaction and Collective Intelligence" edited volume by Thomas Malone and Michael Bernstein, *The Collective Intelligence Handbook*, MIT Press, 2015.
63. Adar, Eytan "GUESS," in the *Encyclopedia of Social Networks and Mining* (ESNAM), Reda Alhajj and Jon Rokne (ed.), Springer-Verlag, 2014.
64. Chen, Shirley Zhe, Michael J. Cafarella, and Eytan Adar, "Searching for Statistical Diagrams," in *Frontiers of Engineering*, National Academy of Engineering, Washington DC, 2012.
65. Adar, Eytan, Mira Dontcheva, James A. Fogarty, and Daniel S. Weld "The Temporal Dimension in End-User Programming," in *No Code Required: Giving Users Tools to Transform the Web*, A. Cypher, M. Dontcheva, T. Lau, and J. Nichols, eds., Morgan Kaufmann, 2010.

Proceedings

66. Adar, Eytan, Paul Resnick, Munmun De Choudhury, Bernie Hogan, Alice Oh, Proceedings of the 8th International Conference on Weblogs and Social Media (ICWSM), Ann Arbor, MI, June 2-4, 2015, Published by AAAI, Menlo Park, CA.
67. Adar, Eytan, Jaime Teevan, Eugene Agichtein, and Yoelle Maarek, Proceedings of the 5th International Conference on Web Search and Data Mining (WSDM), Seattle, WA, Feb 8-12, 2012, Published by The ACM, New York, NY

68. Adar, Eytan, Matthew Hurst, Tim Finin, Natalie Glance, Nicolas Nicolov, Belle Tseng, Proceedings of the 2nd International Conference on Weblogs and Social Media (ICWSM), Seattle, WA, March 30 – April 2, 2008. Published by The AAAI Press, Menlo Park, CA.
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Workshops/Non-Archival Conferences

70. Rong, Xin, and Eytan Adar, “Visual Tools for Debugging Neural Language Models,” International Conference on Machine Learning (ICML) Workshop on Visualization for Deep Learning (2016), New York, June 23, 2016 (**Best Paper Award**)
71. Gearig, Carolyn, Eytan Adar, and Jessica Hullman, “Designing for Personalized Article Content,” Computation and Journalism (C+J) 2015, Oct. 2-3, NY, NY.
72. Kim, Yae Sul, Jessica Hullman, and Eytan Adar, “DeScipher: A Text Simplification Tool for Science Journalism,” Computation and Journalism (C+J) 2015, Oct. 2-3, NY, NY.
73. Livne, Avishay, Eytan Adar, Jaime Teevan, and Susan Dumais, “Predicting Citation Counts Using Text and Graph Mining,” iConference 2013 Workshop on Computational Scientometrics: Theory and Applications, Dallas Fort Worth, TX, February 12, 2013.
74. Weld, Daniel S., Eytan Adar, Lydia Chilton, Raphael Hoffmann, Eric Horvitz, Mitchell Koch, James Landay, Christopher Lin, Mausam, “Personalized Online Education—A Crowdsourcing Challenge,” 4th Human Computation Workshop (HCOMP’12), Toronto, Canada, July 22-23, 2012.
75. Mazzia, Alessandra, Kristen LeFevre, Eytan Adar, “A Tool for Policy Comprehension,” CHI’11 Workshop on Privacy for a Networked World: Bridging Theory and Design, May 7, 2011.
76. Adar, Eytan, “Why I Hate Mechanical Turk Research (and Workshops),” CHI’11 Workshop on Crowdsourcing and Human Computation, May 8, 2011.
77. Adar, Eytan, Mira Dontcheva, James Fogarty, and Daniel S. Weld, “The Temporal Dimension in End-User Programming,” Workshop on End-User Programming for the Web, CHI’09, Boston, MA, April 4-9, 2009.
78. Adar, Eytan, "User 4XXXXX9: Anonymizing Query Logs," Query Logs Workshop, WWW07, Banff, Canada, May 2007.
79. Huberman, Bernardo A., Eytan Adar, and Leslie R. Fine, "Valuating Privacy," Workshop on the Economics of Information Security, 2005, June 2005, Cambridge, MA. (final version in *IEEE Security & Privacy*)
80. Adar, Eytan, Li Zhang, Lada A. Adamic, and Rajan M. Lukose, "Implicit Structure and the Dynamics of Blogspace," Workshop on the Weblogging Ecosystem, 13th International World Wide Web Conference, May 18th, 2004.
81. Maurer, Sebastian, Bernardo A. Huberman, and Eytan Adar, "Web Rings," International Workshop on Web Dynamics, 2001.

Posters and Demos

82. Zhe Chen, Michael Cafarella and Eytan Adar, “DiagramFlyer: A Search Engine for Data-Driven Diagrams,” WWW’15, Florence, Italy, May 18-22, 2015.
83. Momeni, Elaheh, Simon Braendle, and Eytan Adar, “Adaptive Faceted Ranking for Social Media Comments,” Demo Paper, ECIR’15, Vienna, Austria, March 29-April 2, 2015.
84. Gao, Tong, Jessica Hullman, Eytan Adar, Brent Hecht, and Nicholas Diakopoulos, “NewsViews: A System for Automatically Producing Contextualized Geovisualizations for News,” demo presented at Tapestry Conference, Feb. 2014.
85. Adar, Eytan and Miryung Kim, "SoftGUESS: Visualization and Exploration of Code Clones in Context," Formal Demo, ICSE 2007, Minneapolis, MN, May, 2007.
86. Teevan, Jaime, Eytan Adar, Rosie Jones, and Michael Potts, "History Repeats Itself: Log Analysis of Repeat Queries," SIGIR 2006, Seattle, WA, August 6-11, 2006.
87. Lukose, Rajan M., Eytan Adar, Mai-San Chan, “Historically assessing the validity of molecular interaction prediction algorithms,” 12th International Conference on Intelligent Systems for Molecular Biology (ISMB), July 31-August 4, 2004.

88. Adar, Eytan and Bernardo A. Huberman, "The Economics of Surfing," 9th International World Wide Web Conference, Amsterdam, Netherlands, May 15-19, 2000.

Panel Papers, Demos, Working Papers and Others

89. Hearst, Marti A., Eytan Adar, Robert Kosara, Tamara Munzner, Jonathan Schwabisch, and Ben Shneiderman, "The Next Generation: Teaching Across the Researcher-Practitioner Gap," Panel for *IEEE Infviz*, October 2015, to appear.
90. Hullman, Jessica, Erin Krupka, and Eytan Adar, "Evaluating Approaches to Crowdsourced Visual Analytics," Presentation Paper, Collective Intelligence, 2015, May 31 – June 2, 2015, Santa Clara, CA.
91. Adamic, Lada A., Thomas M., Lento, Eytan Adar, and Pauline C. Ng., "Information Evolution in Social Networks," February 27, 2014, arXiv:1402.6792.
92. Linder, Jason, Gierad Laput, Mira Dontcheva, Gregg Wilensky, Walter Chang, Aseem Agarwala, and Eytan Adar, "PixelTone: A Multimodal Interface for Image Editing," CHI'13 Video Showcase (juried), Paris, April 27 – May 2, 2013.
93. Simmons, Matthew, Lada Adamic, and Eytan Adar, "Meme spread in networks," Contributed Talk, NetSci'11, June, 2011.
94. Livne, Avishay, Matthew Simmons, Abraham Gong, Eytan Adar, and Lada Adamic, "Networks and Language in the 2010 Election," Panel Paper, Political Networks Conference, 2011.
95. Adar, Eytan, "Usage Patterns for Cameraphone Driven Moblogs," unpublished manuscript.
96. Lukose, Rajan M., Eytan Adar, and Mai-San C. Chan, "Historically assessing the validity of molecular interaction prediction algorithms," unpublished manuscript.
97. Adar, Eytan and Joshua R. Tyler, "Zoomgraph," User Manual.
98. Adar, Eytan, "Pipes: A Platform for Information Processing," unpublished manuscript.

Papers Under Review

- Datta, Srayan, Eytan Adar, "CommunityDiff: Visualizing Community Clustering Algorithms," R&R TKDD

Selected Talks and Presentations

- Adar, Eytan, "Software For (and With) Big Data," Symposium on Big Data, Human Health and Statistics, University of Michigan, July 21, 2016
- Adar, Eytan, "Improving Interfaces through Data Mining," UIUC, March 8, 2016.
- Adar, Eytan, "All the Data Fit to Print: Newsroom Tools for Generating Personalized, Contextually-Relevant Visualizations," University of Maryland, March 3, 2016
- Adar, Eytan, "Improving Interfaces through Data Mining," Harvard University Computer Science Colloquium Series, March 5, 2015.
- Adar, Eytan, "Hot Topics in Social Media, invited special session talk," AAAI'14, Quebec City, Canada, July 27-31, 2014.
- Adar, Eytan, "Solving UI Problems through Data Mining," HCII Seminar, Carnegie Mellon University, April 2014
- Adar, Eytan, "Data-Driven Understandings of Society," panelist, Ohio State University, Mar. 2014
- Adar, Eytan, "Solving UI Problems through Data Mining," University of Washington, Jan. 2014
- Adar, Eytan, "Automatically generating contextually-relevant visualizations for news," Cornell Tech, December 2013
- Adar, Eytan, Invited Panelist, Microsoft Faculty Summit, July 2013
- Hullman, Jessica, and Eytan Adar, "Social and Contextual Visualizations," Gale Cengage Learning, Apr. 2013.
- Adar, Eytan, "Challenges for Temporal Information Interfaces," Keynote, SIGIR 2012 Workshop on Time-Award Information Access (TAIA), August 16, 2012.
- Shah, Priti, Jessica Hullman, Eytan Adar, Akira Miyake, and Eric Freedman, "Desirable difficulties in graphical displays," In J. Cromley (Chair), Cognitive processes in comprehension of visual representation: Art, diagrams,

graphs, and models. Symposium conducted at the annual meeting of the American Educational Research Association (AERA), Vancouver, Canada, April 2012.

- Adar, Eytan, "Leveraging Temporal Variability of Users and Content," Invited Talk, WSDM'11 Workshop on User Modeling for Web Applications, Feb. 9, 2011.
- Adar, Eytan, "Inference on the Social Web: Tales of Translating Wikipedia and Bad Vision," Invited Talk, Technology and Social Behavior Speaker Series, Northwestern University, Jan. 20, 2011.
- Adar, Eytan, "Inference on the Social Web: Tales of Translating Wikipedia and Bad Vision," Invited Talk, Year of Social Media, UIUC, Jan. 18, 2011.
- Adar, Eytan, "Understanding, Utilizing, and Enhancing Interactions with the Temporal Web," Microsoft Research, March 26, 2009
- Adar, Eytan, "Understanding and Enhancing Interactions with the Dynamic Web,"
 - Georgia Tech, April 20, 2009
 - Cornell University, April 1, 2009
 - Google Research, March 12, 2009
 - Microsoft Research Silicon Valley, March 11, 2009
 - Stanford University, March 9, 2009
 - University of Wisconsin, March 2, 2009
 - Rutgers University, January 26, 2009
- Adar, Eytan, "Adventures in the study of user behavior on the temporal Web," Microsoft Adlabs, November 18, 2008
- Adar, Eytan, "Large Scale Analysis of Web Revisitation Patterns," Google Seattle, May 19, 2008
- Adar, Eytan, "GUESS: The Graph Exploration System," Google Seattle, May 12, 2008
- Adar, Eytan, "Vinegar: Leading Indicators in Query Logs," Microsoft Faculty Summit, July 18, 2007
- Adar, Eytan, "The Graph Exploration System," Social Networks and Cyberinfrastructure, Nov. 3-5, 2005.
- Adar, Eytan, Li Zhang, Lada Adamic, and Rajan Lukose, "Tracking Information Flow in Blogspace," Sunbelt 25, February 2005.
- Adar, Eytan and David S. Feinberg, "Exploratory Data Analysis through the Graph Exploration System (GUESS)," Sunbelt 25, February 2005.
- Adar, Eytan, "Using Individual Behavior for Information Management and Retrieval," Invited Talk, USF, Feb. 2005.
- Adar, Eytan, "Implicit Structure and the Dynamics of Blogspace," Invited talk, Dynamics of Social Networks Mini-symposium, SIAM Annual Meeting, July 2004.
- Adamic, Lada, and Eytan Adar, "How to Search a Social Network," Sunbelt 24, May 2004
- Adar, Eytan, "SHOCKing Uses of Social Networks," Invited talk, USF, Dec. 2003.
- Adar, Eytan and Joshua Tyler, "Zoomgraph," Invited talk/demo, Workshop on Statistical Inference, Computing and Visualization for Graphs, Aug. 2003.
- Adamic, Lada, and Eytan Adar, "Preferences and Social Contacts in an Online Community," Sunbelt 23, Feb. 2003.
- Adar, Eytan, "SHOCK: Social Harvesting of Community Knowledge," MIT, Mar. 2002
- Adar, Eytan, "SHOCK: A Peer-to-Peer System for Harvesting Community Knowledge," Keynote, Internet2 Peer-to-Peer Workshop, January, 2002
- Adar, Eytan, Rajan Lukose, Joshua Tyler, Caesar Sengupta, "SHOCK," Information Dynamics in a Networked Society Workshop, Apr. 2002
- Adar, Eytan, "SHOCK," Stanford University, Aug. 2001.
- Adar, Eytan, "PicturePiper: A Re-Configurable Pipeline for Finding Images on the Web," UC Berkeley, Dec. 4, 2000.

Selected Patents

1. Adar, Eytan, Jaime B. Teevan, Susan T. Dumais, and Daniel J. Liebling, "Relating web page change with revisitation patterns," Patent #9,069,872
 2. Adar, Eytan, Rajan Lukose, Joshua Tyler, and Caesar Sengupta, "System and method for profiling clients within a system for harvesting community knowledge," #9,053,458.
 3. Fornan, George, Lada Adamic, and Eytan Adar, "System and method for information management," Patent #8,898,141.
 4. Adar, Eytan, Rajan Lukose, Joshua Tyler, and Caesar Sengupta, "System and method for anonymously sharing and scoring information pointers, within a system for harvesting community knowledge," Patent #8,799,501
 5. Adar, Eytan, Rajan Lukose, Joshua Tyler, and Caesar Sengupta, "System and method for message traffic analysis, categorization, and reporting, within a system for harvesting community knowledge," Patent #8,667,103
 6. Adar, Eytan, Li Zhang, Lada Adamic, and Rajan Lukose, "Ranking results for network search query," Patent #8,335,785
 7. Patt-Shamir, Boaz, Mark R. Tuttle, and Eytan Adar, "Computer method and apparatus for collaborative web searches," Patent #8,312,003
 8. Adar, Eytan, Jaime B. Teevan, Susan T. Dumais, and Daniel J. Liebling, "Relating web change with revisitation patterns," Patent #8,078,974
 9. Adar, Eytan, Lada A. Adamic, and Francine R. Chan, "User profile classification by web usage analysis," Patent #8,005,833
 10. Adar, Eytan, Lada A. Adamic, and Francine R. Chen, "User profile classification by web usage analysis," Patent #7,962,471
 11. Adar, Eytan, Rajan Lukose, Joshua Tyler, and Caesar Sengupta, "System and method for scoring new messages based on previous responses within a system for harvesting community knowledge," Patent #7,389,290
 12. Gossweiler, Richard, and Eytan Adar, "Controlling text symbol display size on a display using a remote control device," Patent #7,379,078.
 13. Adar, Eytan, Rajan Lukose, Joshua Tyler, and Caesar Sengupta, "System and method for modifying new message retransmission within a system for harvesting community knowledge," Patent #7,246,121
 14. Adar, Eytan, Lada A. Adamic, and Francine R. Chen, "User profile classification by web usage analysis," Patent #7,162,522.
 15. Adar, Eytan and Lada A. Adamic, "Method and system for building an abbreviation dictionary," Patent #7,136,876.
 16. Adar, Eytan, Rajan M. Lukose, Joshua R. Tyler, Caesar Sengupta, "System and method for automated message response, within a system for harvesting community knowledge," Patent #6,915,284.
 17. Adar, Eytan, Hinrich Schuetze, and Blake Ward, "A Self-Contained Indexing System for an Intranet," Patent #6,757,669.
 18. Adar, Eytan, Thomas Breuel, Todd Cass, James Pitkow, and Hinrich Schuetze. "System and Method for Searching and Recommending Documents in a Collection Using Shared Bookmarks," Patent #6,493,702.
 19. Adar, Eytan and Bernardo A. Huberman, "Method for Providing Time Discrimination in the World Wide Web," Patent #6,470,269.
 20. Adar, Eytan and Mitchell Charity, "Randomized Query Generation and Document Relevance Ranking for Robust Information Retrieval from a Database," Patent #5,802,515.
- Over 20 more pending

Students Supervised/Advised

Doctoral, Committee (Co)Chair

- Arianne Collopy (Co-Advisor w/Panos Papalambros, Design Sciences, UMich, PhD, 2016—present)
- Hariharan Subramonyam (Co-Advisor w/Sile O'Modhrain, UMSI, MSI, 2013-2015, PhD, 2015—present)
- Shiqing (Licia) He (Advisor, UMSI, 2015-Present)
- Xin Rong (Advisor, UMSI, 2015-Present)
- Srayan Datta (Advisor, UM CSE, 2013-Present)
- Matthew Burgess (Co-Advisor w/Michael Cafarella, UM CSE, 2012—2016, Currently: Google)
- Jessica Hullman (Advisor, UMSI, 2010-2013, Currently: Assistant Professor, UW)

Doctoral Committee

- Young Park (UM CSE, 2016—Present)
- Shirley Zhe Chen (UM CSE, 2014-2016, Currently: Two Sigma)
- David Lee (UMSI, 2011-2013, Currently: UC San Diego)
- Kathleen Fear (UMSI, 2012-2013, Currently: University of Rochester)
- Li (Eric) Qian (UM CSE, 2012-2013, Currently: Google)
- Lujun (Tony) Fang (UM CSE, 2012-2013, Currently: Google)
- Amjad Abu Jbara (UM CSE, 2012-2013, Currently: Microsoft)
- Daniel Xiodian Zhou (U. of Michigan, Sch. of Info., 2011-2012, Currently: Founder, Startup)
- Sean Munson (U. of Michigan, Sch. of Info., 2012-2012, Currently: Asst. Professor, U. of Washington)
- Eytan Bakshy (U. of Michigan, Sch. of Info., 2010-2011, Currently: Facebook)

Doctoral Committee (Cognate or External)

- Yuzhi Wan (UM, Ind. and Op. Engineering, 2016—present)
- Adam Fourney (U. Waterloo, Comp. Sci, 2015, Currently: Microsoft Research)
- Nadine Moacdieh (UM, Ind. and Op. Engineering, 2012-2015, Currently: Asst. Prof., American U. of Beirut)
- Ronit Greenberg (UM, Psychology, 2013-2014, Currently: Postdoc, CRLT, U. of Michigan)
- W. Abraham Gong (UM, Public Policy and Political Science, 2012-2013, Currently: CEO/Co-Founder, Metta)
- Brent Hecht (Northwestern University, Computer Science, 2012-2013, Currently: Asst. Prof, U. of Minn.)
- Jon Oberheide (UM CSE, 2010-2011, Currently: CTO/Co-Founder, Duo Security)
- Kaushik Veeraraghavan (UM CSE 2010-2011, Currently: Facebook)
- Arnab Nandi (UM CSE, 2010-2011, Currently: Assistant Professor, Ohio State)

Doctoral, Other

- Ryan Burton (Precandidacy + Prelim committee, UMSI, 2015—Present)
- Shiyun Yan (Precandidacy committee, UMSI, 2015)
- Cheng Li (Prelim committee, UMSI, 2014)
- Chun-Yuen (Edwin) Teng (Co-Advisor w/Mark Ackerman, UMSI, 2012-2014, on leave)
- Samuel Carton (Co-Advisor w/Qiaozhu Mei, UMSI, 2012-2014, Prelim Committee, 2015)
- Farah Tahmasbi (Independent study, UM CSE, Fall 2013)
- Elalah Momeni Roochi (Faculty sponsor/advisor, Visiting student, University of Vienna, 2013)
- Tao Dong (Prelim committee, UMSI, 2012)
- Lei Yang (Prelim Committee, UMSI, 2012)
- Karina Kervin (Prelim Committee, UMSI, 2012)
- Patrick Dudas (Faculty sponsor/advisor, Visiting student, U. of Pittsburgh, 2011-2012)

Postdocs/Fellows

- Stephen Oney (Presidential Postdoctoral Fellowship, September 2015-2016, Faculty at Michigan, Fall'16)
- Amy Maestas (Knight-Wallace Fellow, 2016—2017)
- Teresa Frontado (Knight-Wallace Fellow, 2015—2016)
- Daniel Romero (Presidential Postdoctoral Fellowship, January 2014-2015, Faculty at Michigan, Fall'15)

Masters (Thesis and Independent Project Advisor)

- Tong Gao (Advisor, UMSI, MSI, 2013-2014, Partial completion of PhD 2014-2015)
- Ayshwarya Balasubramanian (Advisor, UMSI, 2015—present)
- Budi Wibowo (Co-Supervisor, MTogether project, UMSI, 2013-2104)
- Bowei Xu (Co-Supervisor, MTogether project, UM CSE, 2013-2014)
- Pankhuri Gupta (Advisor, UM CSE, 2012-2014, Currently: Amazon)
- Gierad Laput (Advisor, UMSI, 2012-2013, Currently: PhD, CMU HCII)
- Vivek Gokulas (Ind. Study Advisor, UM CSE, 2012-2013, Currently: Qualcomm Research)
- Bhavana Radhakrishnan (Advisor, UM CSE, 2011-2012, Currently: Facebook)
- Avishay Livne (Advisor, U. of Michigan, UM CSE, 2010-2014, Currently: Google)
- Alessandra Mazzia (Advisor, UM CSE, 2010-2012, Currently: Google)
- Bonnie Yu (Ind. Study Advisor, UMSI, 2012)
- Ke Wu (Ind. Study Advisor, UMSI, 2012)
- Justin DeLay (Ind. Study Advisor, UMSI, 2012, Currently: TempoDB)
- Ryan Oswald (Advisor, UM CSE, 2011-2012, Currently: Google)
- Gayathri Balasubramanian (Advisor, UMSI, 2010-2011)
- Matt Simmons (Co-Adv. w/Lada Adamic, UMSI, 2010-2011, Currently: Google)

Undergraduate

- Carolyn Gearig (Advisor, UMSI, 2015—present)
- John Dickinson (Advisor, UMSI, 2015—2016)
- Seonghwa Choi (Co-Advisor w/Kristen LeFevre, UM CSE, 2011)
- Junyi (Jessy) Li, (Advisor, UM CSE, 2010, Currently: PhD student U. Penn)

Interns

- Luiz Ribeiro, (Google Summer of Code Mentor, 2011)
- David Feinberg (Hewlett-Packard Labs, 2005)

Selected Press

- “Teaching Data Visualization,” Jonathan Schwabish, *Policyviz*, Feb. 16, 2016
- “No UI Design’s Next Move: Fake UI,” John Pavlus, Fast Company (CoDesign), Jul. 21, 2015.
- “If My Smartphone Was Really That Smart It Would Lie To Me,” Dan Nosowitz, Motherboard, Jun. 10, 2015
- “Press Me! The buttons that lie to you,” Chris Baraniuk, *BBC Future*, April 17, 2015.
- “Why memes succeed,” Jon Christian, *Ars Technica*, Feb. 21, 2015.
- “¿Mentiras piadosas o patrones oscuros? Cuando la tecnología se diseña para engañar,” Pilar Chacón, *eldiario.es*, Sep. 19, 2014
- “In the ‘60s, your ‘wrong number’ was likely the phone company’s error,” Robert Sorokanich, *Gizmodo*, Sep. 13, 2014.
- “Dishonest by Design,” Word of Mouth, New Hampshire Public Radio, Sep. 10, 2014
- “Your Computer Is Lying to You (For Your Own Good),” Madeleine Brand, KCRW (Public Radio, LA), Sep. 3, 2014
- “When Robots Lie,” Kate Greene, *Pacific Standard*, September/October 2014
- “Contagion – From Justin Bieber to data scientists, how Twitter got hot in the academy,” Erika Fry, *Fortune Magazine*, August 22, 2014.
- “How a meme is born on Facebook,” Mark Prigg, *The Daily Mail*, Jan. 17, 2014.
- “How Facebook Memes Evolve and Spread,” Steve Cooper, *Forbes*, Jan. 16, 2014
- “How Memes Spread On Facebook,” Gus Wezerek, Fast Company Co.Design, Jan. 10, 2014.
- “Facebook Discovered How Stuff Goes Viral By Analyzing Thousands Of Your Posts,” Caroline Moss, Seattle Post Intelligencer, Jan. 9, 2014.
- “A Facebook Post Is Twice As Likely To Go Viral If You Append It With The Phrase 'Please Post This',” Cooper Smith, Business Insider, Jan. 9, 2014
- “Facebook Data Scientists Prove Memes Mutate And Adapt Like DNA,” Josh Constine, TechCrunch, Jan. 8, 2014
- “No One Should Die Because They Cannot Afford Healthcare’: One Meme’s Story,” Rebecca Rosen, The Atlantic, Jan. 8, 2014
- “How Conservatives Hijacked a Pro-Obamacare Facebook Meme,” Sarah Zhang, Gizmodo, Jan. 8, 2014.
- “Facebook Knows All Your Posting Tricks — And How Well They Work,” John Herrman, BuzzFeed, Jan. 8, 2014
- “From Healthcare Support to Blaming Obama: The Evolution of a Facebook Meme,” Kate Knibbs, Digital Trends, Jan. 8, 2014
- “PixelTone,” Lucas Cochran, Daily Planet, Discovery Channel (Canada), Feb. 20, 2013
- “PixelTone: A Voice Controlled Photo Editing App for iPad,” Tim Barribeau, *Popular Photography* (online), Feb. 13, 2013
- “Voice-controlled photo app PixelTone: Shades of ‘Blade Runner’,” Devin Coldewey, NBC News FutureTech, Feb. 13, 2013
- “Adobe’s Developing a Brilliant Photo Editing App You Can Just Talk To,” Andrew Liszewski, *Gizmodo*, Feb. 12, 2013 (also featured in Gizmodo Japan, Italy, and Spain)
- “PixelTone: A Futuristic Image Editor That Lets You ‘Shop Photos Using Your Voice,” Michael Zhang, *PetaPixel*, Feb 12, 2013
- “Decoding Our Chatter,” Robert Lee Hotz, *Wall Street Journal*, October 1, 2011.
- “Twitter is the Official Office of the Tea Party,” Blair Burke, *Wonkette*, July 21, 2011.
- “Tea partiers tweet the most,” David Catanese, *Político*, July 21, 2011.
- “Putting the Web in a Spreadsheet,” Erica Naone, Mar. 1, 2010.
- “Data Visualization: Stories for the Information Age,” Maria Popova, *BusinessWeek*, Aug. 12, 2009.
- “Finding Pages from Browser History,” Erica Naone, *Technology Review*, Apr. 10, 2009.
- “Internet recupera el tiempo,” Miguel Ángel Criado, *Público.es*, Apr. 1, 2009.
- “Zoetrope promises a view of the Web over time,” Angela Gunn, *betanews*, Dec. 9, 2008.
- “Back-Button to the Future,” Erica Naone, *Technology Review*, Dec. 5, 2008.
- “Adobe, profs working on web time-machine app,” Lewis Page, *The Register*, Nov. 18, 2008.
- “2006 Horizon Awards Winner: Hewlett-Packard Co.’s Tycoon,” Stacy Collett, *ComputerWorld*, Aug. 21, 2006.
- “Vinegar and search engines,” Kim Peterson, *The Seattle Times*, May 31, 2006.
- “Loose Wire: Coming to Terms with the /. Effect,” J. Wagstaff, *Wall Street Journal (Asia)*, Apr. 12, 2005.
- “Who wants to buy a computon?” *The Economist*, Mar. 10, 2005.
- “In Praise of P2P,” *The Economist*, Dec. 2, 2004.
- “Open Season on Others’ Ideas,” Daniel Akst, *New York Times*, Nov. 14, 2004.
- “Bidding for HP’s MIPS? Perhaps Carly should call Meg,” David Berlind, *ZDNet*, Nov. 11, 2004.
- “HP opens bidding on computing power,” Stephen Shankland, *CNET News*, Nov. 10, 2004.
- “You are who you know,” Andrew Leonard, *Salon*, Jun. 16, 2004.

- “How the Word Gets Around,” Daniel Terdiman, *Wired*, May 7, 2004.
- “Information technology: In the know,” Philip Ball, *Nature*, 428, 462-463, Apr. 1, 2004.
- “Warning: Blogs Can Be Infectious,” Amit Asaravala, *Wired*, Mar. 5, 2004.
- “The Web we weave,” Andrew Odlyzko, *American Scientist*, Sep. 1, 2002.
- “Outride has Technology to Speed Web Searches,” *Wall Street Journal*, Dec. 4, 2000.
- “Napster deal faces industry opposition,” Simon Avery, *National Post (Canada)*, Nov. 2, 2000.
- “Clés,” *Le Monde*, Oct. 25, 2000.
- “Why Napster could be a tragedy for the net,” *BBC News*, Oct. 2, 2000.
- “The Gnutella paradox,” Janelle Brown, *Salon*, Sep. 29, 2000.
- “Study Reveals Gnutella to be One-Way Street,” Marilyn Gillen, *Billboard*, Sep. 2, 2000.
- “Gnutella,” Richard Morochove, *The Toronto Star*, Aug. 31, 2000
- “Cosi’ Le Locuste Uccidono La Rete i Cyber-Egoisti,” De Biase Luca, *La Stampa*, Aug. 28, 2000.
- “Online file-sharing: Free music, free ride?” *The Economist*, Aug. 26, 2000.
- “Freeloader Napster,” Michelle Malkin, *The Washington Times*, Aug. 26, 2000.
- “Free Riders Who Don’t Share in the Digital Community,” P. Hartigan, *The Boston Globe*, Aug. 25, 2000.
- “Scaredy-cat propeller heads may hold key to file sharing,” James Coates, *Chicago Tribune*, Aug. 25, 2000.
- “Internet users should think as citizens rather than as customers,” D. Plotnikoff, *San Jose Mercury News*, Aug. 24, 2000.
- “Gnutella users are a bunch of free-riders,” Joel Harrison, *PC Pro*, Aug. 23, 2000.
- “Gnutella Users Not Sharing,” *CNNfn* (live interview), Aug. 22, 2000.
- “Volumes of ‘free-riders’ found on Gnutella,” *CNN*, Aug. 22, 2000.
- “Survey: 70 per cent of Gnutella users are ‘free riding,’” Tony Smith, *The Register*, Aug. 22, 2000.
- “Many Take, but Few Give on Gnutella,” John Markoff, *New York Times*, Aug. 21, 2000.
- “Who’s the Next Napster,” Ashlee Vance, *PC World*, Aug. 21, 2000.
- “Xerox spinoff touts service for better Web surfing,” Carolyn Marsan, *Network World*, Jan. 31, 2000.

Additional Information

Citizenship: USA

Languages: English, Hebrew