

Emma S. Spiro

CONTACT INFORMATION	The Information School Mary Gates Hall, Ste. 370 Seattle, Washington 98195 USA	email: espiro@uw.edu phone: +1 (206) 616-7395 fax: +1 (206) 616-3152 http://faculty.washington.edu/espiro
RESEARCH AREAS	Social network analysis, computational social science, social media, communication and information technology, computer-mediated communication, mathematical sociology, crisis informatics, quantitative sociology and online data collection.	
CURRENT APPOINTMENTS	University of Washington , Seattle, WA <i>Assistant Professor, Information School</i>	
	University of Washington , Seattle, WA <i>Adjunct Assistant Professor, Department of Sociology</i>	
PRIOR APPOINTMENTS	University of Washington , Seattle, WA <i>Acting Assistant Professor, Information School</i>	September 2013 - December 2013
CURRENT AFFILIATIONS	<ul style="list-style-type: none">• Information School, University of Washington• Department of Sociology, University of Washington• Center for Statistics and the Social Sciences, University of Washington• Information and Society Center, Information School, University of Washington• Data Science and Analytics Lab, Information School, University of Washington• Social Media Lab, Information School, University of Washington	
EDUCATION	University of California , Irvine, CA <i>Ph.D., Sociology</i>	December 2013
	<i>Dissertation: Communication and Affective Dynamics During Crisis Events: Measuring the Public's Online Response</i> <i>Committee: Carter T. Butts (Chair), Katherine Faust, Padhraic Smyth</i>	
	<i>Examination Fields: Social Networks, Populations and Demography</i>	
	University of California , Irvine, CA <i>School of Social Sciences</i> <i>M.A., Mathematical Behavioral Sciences</i>	March 2011
	Pomona College , Claremont, CA <i>B.A., Applied Mathematics</i> <i>B.A., Science, Technology, and Society</i>	May 2007
	Mercer Island High School Mercer Island, WA <i>Diploma</i>	June 2003
AWARDS & HONORS	Top 30 Thinkers Under 30 <i>Pacific Standard Magazine: The Science of Society</i>	April 2014
	Best Student Paper Award <i>Workshop on Social Network and Social Media Analysis: Methods, Models and Applications</i> <i>26th Annual Conference on Neural Information Processing Systems, Lake Tahoe, Nevada</i>	December 2012
	ACM Web Science 2012 Best Social Science Student Paper Award <i>Northwestern University, Evanston, IL</i> <i>Sponsored by Microsoft Research</i>	June 2012

- GRANTS & OTHER SPIRO, Emma S. (PI) (07/2015-07/2018). "Mass Convergence of Attention During Crisis Events: Degree Dynamics and Emergency Response in Online Settings." Army Research Office (ARO) Young Investigator Program: \$149,997.00.
- FUNDING
- SPIRO, Emma S. (PI) and Kate Starbird (Co-PI), . (09/2015-09/2016) "Detecting Misinformation Flows in Social Media Spaces During Crisis Events." Microsoft Research Azure Research Award: \$20,000.00.
- Starbird, Kate (PI), Emma S. Spiro (Co-PI). (06/2015-09/2015) "CHS-Small: Research Experience for Undergraduates - Detecting Misinformation Flows in Social Media Spaces During Crisis Events." National Science Foundation [#IIS-1541688]: \$31,450.00.
- Starbird, Kate (PI), Emma S. Spiro (Co-PI), and Robert Mason (Co-PI). (09/2014-09/2016) "CHS-Small: Detecting Misinformation Flows in Social Media Spaces During Crisis Events." National Science Foundation [#IIS-1420255]: \$467,629.00.
- Emma S. Spiro (Co-PI), Hedwig Lee (Co-PI), and Tyler McCormick (Co-PI). (2014). "Rethinking Data in Sociology Speaker Series." Jointly Funded by the Information and Society Center (iSchool) and the Department of Sociology, University of Washington, and Context Relevant. \$15,000.00.
- JOURNAL SUTTON, J., Emma S. Spiro, B. Johnson, S. Fitzhugh, B. Gibson, and C.T. Butts. (2014) "Warning ARTICLES Tweets: Serial Transmission of Warning Messages During a Disaster Event." *Information, Communication, and Society*, Vol. 17, Issue 6.
- SUTTON, J., Emma S. Spiro, M. Greczek, B. Johnson, S. Fitzhugh, and C. T. Butts. (2013) "Tweeting the Spill." *International Journal of Information Systems for Crisis Response and Management*. 5(1), 1-21, pp. 58-76.
- SPIRO, Emma S., R. M. Acton, and C. T. Butts. (2013) "Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks." *Social Networks*. 35, pp. 130-143.
- EPPSTEIN, D. and Emma S. Spiro. (2012) "The h-Index of a Graph and its Application to Dynamic Subgraph Statistics." *Journal of Graph Algorithms and Applications*. Vol. 16, no. 2, pp. 543-567.
- REFERRED STARBIRD, Emma S. Spiro, Arif, Chou, Narasimhan, Maddock, Shanahan and Robinson. (2015) "Expressed CONFERENCE Uncertainty and Denials as Signals of Online Rumoring." Collective Intelligence Conference. Santa Clara, California.
- PAPERS & NOTES SPIRO, Emma S., J. Sutton, S. Fitzhugh and C. T. Butts. (2014) "Online Communication Dynamics During Natural Hazard Events." *International Communication Association Annual Conference*. Seattle, Washington.
- SUTTON, J., Emma S. Spiro, B. Johnson, S. Fitzhugh, B. Gibson and C. T. Butts. (2014) "Terse Message Amplification in the Boston Bombing Response" *Proceedings of the International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. University Park, Pennsylvania.
- RZESZOTARSKI, J., Emma S. Spiro, J. Matias, A. Monroy-Hernandez, M. Morris. (2014) "Is Anyone Out There? Unpacking Q&A Hashtags on Twitter." *Proceedings of the ACM CHI Conference on Human Factors in Computing Systems, Note*. Toronto, Canada.
- SPIRO, Emma S., J. Sutton, S. Fitzhugh, M. Greczek, N. Pierski, and C. T. Butts. (2012) "Rumoring During Extreme Events: A Case Study of Deepwater Horizon 2010." In Proceedings of the ACM Web Science 2012 Conference (WebSci12). Evanston, Illinois. [Best Social Science Student Paper Award](#).

Sutton, J., Emma S. Spiro, M. Greczek, B. Johnson, S. Fitzhugh, and C. T. Butts. (2012) "Connected Communications: Network Structures of Official Communications in Disaster." In Proceedings of the 9th International Conference on Information Systems for Crisis Response and Management (ISCRAM). Vancouver, Canada.

Eppstein, D. and Emma S. Spiro. (2009) "The h-Index of a Graph and its Application to Dynamic Subgraph Statistics." Algorithms and Data Structures Symposium (WADS), Banff, Canada. *Lecture Notes in Computer Science* 5664, pp. 278-289.

WORKSHOP
PAPERS

Williams, J.A. and Emma S. Spiro (2015) "Tweeting the Japanese General Election of 2014 - A First Look." First Annual Conference on Voting, Elections, and Electoral Systems, University of Washington. Seattle, Washington.

Spiro, Emma S., C. L. DuBois, and C. T. Butts. (2012) "Waiting for a Retweet: Modeling Waiting Times in Information Propagation." Workshop on Social Network and Social Media Analysis: Methods, Models and Applications. Neural Information Processing Systems (NIPS). **Best Student Paper Award.**

WORKING PAPERS
& TECHNICAL
REPORTS

Reeder, H. T., T. McCormick, and Emma S. Spiro (2014) "Online Information Behaviors During Disaster Events: Roles, Routines, and Reactions." Center for Statistics and the Social Science Working Paper No. 144, University of Washington.

GENERAL
AUDIENCE
PUBLICATIONS

Monroy-Hernández, A. and Emma S. Spiro. (2013) "How Brazilian protesters are using Twitter." Guardian Datablog. <http://www.guardian.co.uk/news/datablog/2013/jul/04/>

Monroy-Hernández, A. and Emma S. Spiro. (2013) "How is the Brazilian Uprising Using Twitter?" Microsoft Research FUSELabs Blog. <http://blog.fuselabs.org/>

Sutton, J., B. Johnson, Emma S. Spiro, and C. T. Butts. (2013) "Tweeting What Matters: Information, Advisories, and Alerts Following the Boston Marathon Events." Online Research Highlight. <http://heroicproject.org>

Sutton, J., Emma S. Spiro, B. Johnson, S. Fitzhugh, and C. T. Butts. (2013) "Tweeting Boston: The Influence of Microstructure in Broadcasting Messages through Twitter." Online Research Highlight. <http://heroicproject.org>

Sutton, J., Emma S. Spiro, B. Johnson, and C. T. Butts. (2012) "Following the Bombing." Online Research Highlight. <http://heroicproject.org>

Spiro, Emma S., J. Sutton, B. Johnson, S. Fitzhugh, and C. T. Butts. (2012) "Superstorm Sandy: Exploring the Twitter Response." Online Research Highlight. <http://heroicproject.org>

Spiro, Emma S., J. Sutton, B. Johnson, S. Fitzhugh, and C. T. Butts. (2012) "HEROIC Team Explores Waldo Canyon Wildfire in Colorado." Online Research Highlight. <http://heroicproject.org>

INVITED TALKS

Spiro Emma S., Lee, Cesare, McCormick. (November, 2014) "Taming 'Data in the Wild': The Promises and Pitfalls of Big Social Data for Demographic Research." 6th International Conference on Social Informatics (SocInfo) Workshop: Social Scientists Working with Start-ups. Barcelona, Spain.

Spiro, Emma S. (October, 2014) "Online Information Behaviors During Disaster Events: Roles, Routines, and Reactions." Center for Statistics and the Social Science Seminar. University of Washington. Seattle, Washington.

Spiro, Emma S., (February, 2014) "Online Communication Dynamics During Natural Hazard Events." Seminar on Cultural, Organizational, Political and Economic Sociology. Department of Sociology, University of Washington. Seattle, Washington.

Spiro, Emma S. (July, 2013) "Hazard Warnings and Alerts: Content, Style, and Structure." Microsoft Research and University of Washington Workshop. Toward a Smarter Society: The Role of Computational Social Science. Bellevue, Washington.

Spiro, Emma S. (April, 2013) "Online Communication and Information-related Behaviors During Emergencies and Disasters." School of Information, University of Washington, Seattle, Washington.

Spiro, Emma S. (January, 2011) "Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks." Conference on Behavior In and On Networks, Institute for Mathematical Behavioral Sciences, University of California, Irvine, California.

CONFERENCE
PRESENTATIONS

Spiro, Emma S. and Almquist, Z.W. (Upcoming August, 2015) "Social Interaction in Activity-Based Online Communities." Joint Statistical Meetings. Seattle, Washington.

Walls, L., Maddock, Starbird, and Emma S. Spiro. (Upcoming July 2015). What Should Count?: A Quantitative Approach to Scoping Rumors in Social Media. Social Media and Society Conference 2015, Toronto, Ontario, Canada.

Spiro, Emma S. and Almquist, Z.W. (June, 2015) "Demographic Opportunity Structures in Activity-Based Online Social Networks." 35th Sunbelt Network Conference (INSNA), Brighton, England.

Phillips, Sutton, Fitzhugh, League, Johnson, Emma S. Spiro, Gibson and Butts. (June, 2015) "Emergency Management Interorganizational Networks." 35th Sunbelt Network Conference (INSNA), Brighton, England.

Cesare, Lee, McCormick, Morris, Shojaie, Emma S. Spiro. (June, 2015) "Redrawing the 'Color Line': Examining Racial Segregation in Associative Networks On Twitter." 35th Sunbelt Network Conference (INSNA), Brighton, England.

Starbird, Emma S. Spiro, Arif, Chou, Narasimhan, Maddock, Shanahan and Robinson. (May, 2015) "Expressed Uncertainty and Denials as Signals of Online Rumoring." Collective Intelligence Conference. Santa Clara, California.

Walls, Starbird, and Emma S. Spiro (May, 2015) "Did You Hear about the Computer that Can Detect Rumors?: An Algorithmic Approach to Rumor Detection." Poster Presentation, Undergraduate Research Symposium, University of Washington.

Zhu and Emma S. Spiro (May, 2015) "Exploring Young Adults' Drinking Behavior via Digital Traces on Social Media." Poster Presentation, Undergraduate Research Symposium, University of Washington.

Bill, Zagheni, and Emma S. Spiro (May, 2015) "The Exploration of Leadership Structure within #YesAllWomen." Poster Presentation, Undergraduate Research Symposium, University of Washington.

Cesare, Emma S. Spiro, McCormick and Lee. (April, 2015) "Self-Presentation and Information Disclosure on Twitter: Understanding Patterns and Mechanisms along Demographic Lines." Population Association of America Annual Meeting. San Diego, California.

Reeder, McCormick, and Emma S. Spiro. (April, 2015) "Online Information Behaviors During Disaster Events: Roles, Routines, and Reactions." Population Association of America Annual Meeting. San Diego, California.

Reed, Emma S. Spiro, and Butts. (March 2015) "Using Facebook Data to Examine Culture and Self-Disclosure Behaviors." iConference Poster. Newport Beach, California.

Fitzhugh, Emma S. Spiro and Butts. (August, 2014) "Did You Feel it? Spatial Filtering Techniques for Detection of Local Disaster Events" American Sociological Association: Section on Mathematical Sociology, San Francisco, California.

Fitzhugh, Sutton, Butts, Emma S. Spiro, Gibson, League, and Johnson (June, 2014) "Project HEROIC: Hazards, Emergency Response, and Online Informal Communication." 39th Annual Natural Hazards and Applications Workshop. Broomfield, Colorado.

Spiro, Emma S., Fitzhugh, Sutton, and Butts. (May, 2014) "Online Communication Dynamics During Natural Hazard Events" International Communication Association: Section for Communication and Technology. Seattle, Washington.

Spiro, Emma S. and Monroy-Hernandéz. (February, 2014) "A Tale of Two Social Movements." 34th Sunbelt Network Conference (INSNA), St. Pete Beach, Florida.

Spiro, Emma S. and Butts. (August, 2013) "When Bad Things Happen To 'Good' People: Online Communication Dynamics During Natural Hazard Events" American Sociological Association: Regular Section on Disasters, New York, New York.

Gibson, Emma S. Spiro, Fitzhugh, and Butts. (August, 2013) "Estimating Active User Population Dynamics in Online Social Networks." American Sociological Association: Section on Methodology Paper Session, New York, New York.

Sutton, Johnson, Emma S. Spiro, Gibson, Fitzhugh, and Butts. (August, 2013) "Warning Tweets: Serial Transmission of Warning Messages during a Disaster Event." American Sociological Association: Regular Section on Disasters, New York, New York.

Gibson, Emma S. Spiro, and Butts. (May, 2013) "Estimating Active User Population Dynamics in Online Social Networks." 33rd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Almquist, Emma S. Spiro, and Butts. (May, 2013) "Missing Data Methods for Dynamic Network logistic-Regression." 33rd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Spiro, Emma S., and Butts. (May, 2013) "Degree dynamics: spikes and decay in attention relationships." 33rd Sunbelt Network Conference (INSNA), Hamburg, Germany.

Spiro, Emma S., DuBois, and Butts. (2012) "Waiting for a Retweet: Modeling Waiting Times in Information Propagation." Poster presentation. Workshop on Social Network and Social Media Analysis: Methods, Models and Applications. Neural Information Processing Systems (NIPS). Lake Tahoe, Nevada.

Spiro, Emma S., Pierski, and Butts. (August, 2012) "Mapping an Ecology of Privacy: A Cross-national Comparison of Control of Self-Presentation Online." American Sociological Association: Section on Communication and Information Technology, Denver, Colorado.

Spiro, Emma S., Sutton, Johnson, and Butts. (August, 2012) "Diffusion of Innovation Among Government Organizations: Asymmetric Effects of Organizational Lineage on Social Media Adoption." Fifth Joint Japan-North America Mathematical Sociology Conference. Denver, Colorado.

Spiro, Emma S., Sutton, Fitzhugh, Greczek, Pierski, and Butts. (June, 2012) "Rumoring During Extreme Events: A Case Study of Deepwater Horizon 2010." ACM Web Science 2012 Conference (WebSci12). Evanston, Illinois.

Spiro, Emma S., Sutton, and Butts. (June, 2012) "Shifting Attention: The Effect of External Stimuli on Social Ties Among Emergency Management Organizations." Political Networks Conference, Boulder, Colorado.

Johnson, Sutton, Emma S. Spiro, Fitzhugh, and Butts. (June, 2012) "Technology Lineage and Adoption: Diffusion of Microblog Technologies Among Government Organization." Political Networks Conference, Boulder, Colorado.

Spiro, Emma S., Sutton, Fitzhugh, and Butts. (March, 2012) "A Microstructure Topology for Hyperedge Communication Events." 32nd Sunbelt Network Conference (INSNA), Redondo Beach, California.

Sutton, Emma S. Spiro, Johnson, Greczek, Fitzhugh, and Butts. (March, 2012) ‘Connected Communications: Network Structures of Official Communications in Disaster.’ 32nd Sunbelt Network Conference (INSNA), Redondo Beach, California.

Johnson, Sutton, Emma S. Spiro, Fitzhugh, and Butts. (March, 2012) “Disruptive Diffusion: Adoption of Microblog Technologies Among Urban Organizations.” 32nd Sunbelt Network Conference (INSNA), Redondo Beach, California.

Spiro, Emma S., Almquist, and Butts. (August, 2011) “Maintaining Ties from Coast to Coast: Selective Mixing Among U.S. Universities on Facebook.” American Sociological Association: Section on Methodology Paper Session, Las Vegas, Nevada.

Spiro, Emma S., Butts, Sutton, Greczek, Fitzhugh, and Pierski. (July, 2011). “Informal Online Communication in the Deepwater Horizon Disaster.” Poster presentation, 2011 Natural Hazards Research and Applications Workshop, Broomfield, Colorado.

Spiro, Emma S., Butts, Sutton, Greczek, Pierski, and Fitzhugh. (June, 2011) “Rumoring During Extreme Events: Deepwater Horizon 2010.” Poster Presentation, Political Networks Conference, Ann Arbor, Michigan.

Spiro, Emma S., Acton, Sutton, Greczek, Pierski, Fitzhugh, and Butts. (February, 2011) “Rumoring in Informal Online Communication Networks.” 31st Sunbelt Network Conference (INSNA), St. Pete Beach, Florida.

Spiro, Emma S., Acton, and Butts. (August, 2010) “Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks.” American Sociological Association: Section on Mathematical Sociology Paper Session, San Francisco, California.

Acton, Emma S. Spiro, and Butts. (July, 2010) “Change and External Events in Online Networks.” 30th Sunbelt Network Conference (INSNA), Riva del Garda, Italy.

Spiro, Emma S., Acton, and Butts. (July, 2010) “Extended Structures of Mediation: Re-examining Brokerage in Dynamic Networks.” 30th Sunbelt Network Conference (INSNA), Riva del Garda, Italy.

Spiro, Emma S., Acton, and Butts. (August, 2009) “Brokerage Roles in the Immediate Wake of Hurricane Katrina.” ASA Roundtable: Networks and Organizations, San Francisco, California.

Spiro, Emma S., Acton, and Butts. (March, 2009) “Patterns of Coordination: Brokerage Roles in the Immediate Wake of Hurricane Katrina.” 29th Sunbelt Network Conference (INSNA), San Diego, California.

FELLOWSHIPS

Graduate Student Fellow <i>Center for Networks and Relational Analysis</i> <i>University of California, Irvine, CA</i>	2012 - 2013
Honorable Mention, Graduate Research Fellowship <i>National Science Foundation, Arlington, VA</i>	2009
Social Science Merit Fellowship <i>University of California, Irvine, CA</i>	2008-2012
Social Science Tuition Fellowship <i>University of California, Irvine, CA</i>	2008-2009
Science, Technology and Society Thesis Prize <i>Pomona College, Claremont, CA</i>	May 2007

PRESS

The 30 Top Thinkers Under 30

April 10, 2014

Avital Andrews, Pacific Standard Magazine
<http://www.psmag.com/?p=76801>

Leadership Lessons from the Boston Marathon Attack April 08, 2014
Leslie Gaines-Ross and Peter Duda, Big Ideas Blog, MIT Sloan Management Review
<http://sloanreview.mit.edu/article/leadership-lessons-from-the-boston-marathon-attack/>

A Hyperlocal Twitter Filter That Gets Neighbors Talking To Each Other September 20, 2013
Jessica Leber, Co.Exist
<http://www.fastcoexist.com/3017494/>

Researchers Study Waldo Canyon Fire Twitter Activity September 04, 2012
Kim Stephens, idisaster 2.0
<http://idisaster.wordpress.com/2012/09/04/>

Twitter Trends in Disaster Response September 04, 2012
Adam Crowe, Emergency Management Blogs: Disasters 2.0
<http://www.emergencymgmt.com/emergency-blogs/disasters20/>

UCCS, UC Irvine researchers win grant to study disaster communication February 1, 2011
Rebecca Tomm, The Colorado Springs Business Journal
<http://csbj.com/2011/02/01/>

PROFESSIONAL
NON-ACADEMIC
EXPERIENCE

FUSE Labs, Microsoft Research, Redmond, WA May 2013 - August 2013
Research Intern, Mentor: Shelly Farnham, Ph.D.

Excell Data Corporation: Microsoft, Redmond, WA April 2005 - April 2006
Contractor: Usability Research and Analysis

Microsoft, Redmond, WA June 2004 - August 2004
Usability Engineer Intern, Mentor: Peter Koss-Nobel

SERVICE

PROFESSIONAL

Response Risk Communication Tools Peer-Review Workshop July 2013
Coastal Response Research Center, University of New Hampshire
Invited Reviewer

American Sociological Association August 2011 - August 2012
Section for Mathematical Sociology
Student Council Member, Best Paper Award Committee

JOURNAL PEER REVIEW

- American Journal of Sociology
- Computers in Human Behavior
- EPJ Data Science
- Information, Communication and Society
- Journal of Adolescent Research
- Journal of Computer Mediated Communication
- New Media and Society
- Public Administration
- The Sociological Quarterly

PROGRAM COMMITTEE

- Hawaiian International Conference on System Sciences (HICSS): 2016
“Resilience Against Crises and Disasters,” Electronic Government: Minitrack
- 6th International Conference on Social Informatics (SocInfo) 2014
- 6th International Conference on Social Informatics (SocInfo): 2014

- Whats in a Dyad? Interaction and Exchange in Social Media Workshop
- 20th ACM SIGKDD Conference on Knowledge Discovery and Data Mining: Workshop on Learning about Emergencies from Social Information (KDD-LESI) 2014

CONFERENCE PEER REVIEW

- Hawaiian International Conference on System Sciences (HICSS): Ethical and Social Challenges Accompanying Digital and Social Media Mini-Track 2015
- ASIST Annual Meeting 2014, 2015
- ACM CHI Conference on Human Factors in Computing Systems 2015
- ACM Conference on Computer Supported Cooperative Work 2014, 2015
- International Conference on Information Systems for Crisis Response and Management (ISCRAM): Social Media Track 2013, 2014, 2015

INFORMATION SCHOOL, UNIVERSITY OF WASHINGTON

- Member, Informatics Program Committee 2014-Present
- Member, MSIM Specialty Working Group: Data Science and Analytics 2013-2015
- Member, Informatics Admissions Committee 2013-2014
- Member, MLIS Admissions Committee 2013-2014

PROFESSIONAL MEMBERSHIPS

- ACM SIGCHI
- American Sociological Association
- American Statistical Association
- International Communication Association
- International Network for Social Network Analysis (INSNA)
- Population Association of America

TEACHING

- Summer 2015:
 - INSC 599 Independent Study in Information Science
 - INFO 495 Informatics Internship
- Spring 2015:
 - INFX 576 Social Network Analysis
 - IMT 570 Analytic Methods for Information
 - HCDE 596 Directed Research Group: Tracking the Online Spread of Misinformation after Disaster Events - Co-taught with Dr. Kate Starbird (UW, HCDE)
 - SOC 800 Doctoral Dissertation
 - SOC 495 Honors Senior Thesis in Sociology
- Winter 2015:
 - SOC 600 Independent Study
 - HCDE 596 Directed Research Group: Tracking the Online Spread of Misinformation after Disaster Events - Co-taught with Dr. Kate Starbird (UW, HCDE)
- Autumn 2014:
 - INFX 573 Introduction to Data Science
 - INSC 576 Research Practicum
 - SOC 600 Independent Study
 - HCDE 596 Directed Research Group: Tracking the Online Spread of Misinformation after Disaster Events - Co-taught with Dr. Kate Starbird (UW, HCDE)
- Spring 2014:
 - INFX 598 Advanced Methods in Data Science
 - IMT 570 Analytic Methods for Information Professionals
- Winter 2014:
 - INFX 598 Core Methods in Data Science
 - INSC 599 Independent Study

GUEST LECTURES

- "Social Media and Crisis Events" - INFX 598: Data Visualization May, 2015
- "Data Science and Big Social Data" - INFO 200: Int. Foundations of Informatics March, 2015
- "Introduction to Social Network Analysis" - UW PCE: Data Analysis November, 2014
- "Computational Social Science" - INFO 470: Research Design October, 2014
- "Big Data and Data Science" - INFO 200: Intellectual Foundations of Informatics May, 2014

- “Why Your Friends Have More Friends Than You Do” - UW Student Preview Days April, 2014
- “Big Data and Data Science” - INFO 200: Intellectual Foundations of Informatics March, 2014
- “Introduction to Social Networks” - INF5 598: Introduction to Data Science November, 2013
- “Introduction to Social Networks” - UW iSchool Preview Day November, 2013
- “Big Data in the Social Sciences” - INFO 470: Research Design October, 2013

ADVISING

DISSERTATION CO-CHAIR

- Nina Cesare, Department of Sociology
(*General Exam Completed Fall 2014*)

PH.D. SUPERVISORY COMMITTEES

- Shawn Walker, Ph.D. Dissertation Committee, Information Science
- Stephanie Lee, Ph.D. Dissertation Committee, Department of Sociology
- Joshua A. Williams, Ph.D. Dissertation Committee GSR, Jackson School of International Studies
(*General Exam Completed Winter 2015*)
- Leila R. Zelnick, Ph.D. Dissertation Committee GSR, Department of Biostatistics
(*General Exam Completed Fall 2014*)
- Philip Reed, Ph.D. Exam Committee, Information School
(*General Exam Completed Fall 2014*)
- Jeff Hemsley, Ph.D. Dissertation Committee, Information Science, 2014
(*First position at Syracuse University*)

PH.D ADVISORY COMMITTEE

- Lavi Aulck, Information School
- Niall Keleher, Information School
- Amirah Majid, Information School
- Jason Portenoy, Information School
- Philip Reed, Information School
- Raza Rehman, Information School
- Li Zeng, Information School

OTHER ADVISING

- NSF Research Experience for Undergraduates: Tracking the Online Spread of Misinformation after Disaster Events - Co-mentoring 6 students with Dr. Kate Starbird (UW, HCDE) and Dr. Robert Mason (UW, iSchool)
- Zoë Bill, Department of Sociology, University of Washington. Undergraduate Honors Thesis Co-mentor, Winter and Spring 2015. *Mary Gates Research Scholarship Recipient, Spring 2015*
(Joint with Emilio Zagheni, UW Department of Sociology)
- Katherine Zhu, “Exploring Young Adults’ Drinking Behavior via Digital Traces on Social Media.” Undergraduate Research Symposium, University of Washington.
- Logan Walls, “Did You Hear about the Computer that Can Detect Rumors?: An Algorithmic Approach to Rumor Detection.” Undergraduate Research Symposium, University of Washington.
- Harrison T. Reeder, Department of Mathematics and Statistics, Carleton College. Carleton College Kolenkow-Reitz Fund for Undergraduate Research Recipient, Summer 2014.
(Joint with Tyler McCormick, UW Department of Sociology and Statistics)