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Curriculum Vitae

Matthew S. Weber

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Department of Communication   Ph: (848) 932-8718
Rutgers University   matthew.weber@rutgers.edu
4 Huntington St.   matthewsweber.com
New Brunswick, NJ 08901

EDUCATION

Ph.D.   2010   Communication, University of Southern California
Dissertation Title:
Media Reinvented: The Transformation of News in a Networked Society
Committee Members: Peter Monge (Chair), Manuel Castells, Mark Kennedy

M.A.   2009   Communication, University of Southern California

M.S.   2003   Journalism and Media Management, Northwestern University

B.S.   2002   Industrial Engineering and Economics, Northwestern University

ACADEMIC EXPERIENCE

2017 to present   Associate Professor
Department of Communication
Rutgers University

Co-Director, Rutgers Network Science Lab

Member of Doctoral Program Faculty

2017 to present   Faculty Affiliate (External)
Cline Center for Advanced Social Research
University of Illinois Urbana-Champaign

2016 to present   Tow Fellow
Tow Center for Digital Journalism
Columbia University

2011 to 2017   Assistant Professor
Department of Communication
Rutgers University

2010 to 2011	Postdoctoral Research Associate Center for Technology, Entertainment and Media (CTEM) Fuqua School of Business, Duke University
2009 – 2010	Visiting Student Scholar, University of Michigan
2008 – 2010	Lecturer, Annenberg School for Communication and Journalism, University of Southern California
2008 – 2009	Visiting Fellow, Reuters Institute for the Study of Journalism Oxford University
2008 – 2009	Visiting Scholar, Oxford Internet Institute, Oxford University

PUBLICATIONS

Peer-Reviewed Journals

Weber, M. S., Ogyanova, K., & Kosterich, A. (2017). Imitation in the quest to adapt: Lessons from news media on the early Web. *International Journal of Communication.* 11. 5068–5092

Weber, M. S. & Kosterich, A. (2017). Coding the News: The Role of Computer Code in Filtering and Distributing News. *Digital Journalism*. doi:10.1080/21670811.2017.1366865

Weber, M. S. (2017). Unseen disruptions and the emergence of new organizations. *Communication Theory. 27*. 92-113. doi:10.1111/comt.12105

Weber, M. S., Fulk, J., & Monge, P. (2016). Emergence of social networking sites as a legitimate organizational form. *Management Communication Quarterly. 30*. 305-332. doi:10.1177/0893318916629547

Bar, F., **Weber, M. S**. & Pisani, F., (2016). Mobile technology appropriation in a distant mirror: baroque infiltration, creolization and cannibalism. *New Media and Society. 18*. 617-636. doi:10.1177/1461444816629474

Weber, M. S., & Kim, H. (2015). The promise of social media: Virtuality, technology use, and engagement within organizations. *Journal of Applied Communication Research. 43*, 385-407. doi:10.1080/00909882.2015.1083604

Weber. M. S., Stephens, K., & Thomas, G. (2015). Organizational disruptions and triggers for divergent sensemaking. *International Journal of Business Communication. 52*, 68-96. doi:10.1177/2329488414560281

Ellison, N., Gibbs, J., & **Weber, M. S.** (2015). The use of enterprise social network sites for knowledge sharing in distributed organizations: The Role of Organizational Affordances. *American Behavioral Scientist. 59*, 103-123. doi:10.1177/0002764214540510

Weber, M. S., & Monge, P. (2014). Industries in turmoil: Driving transformation during periods of disruption. Advance online publication. *Communication Research.* doi:10.1177/0093650213514601

Margolin, D., Shen, C., Lee, S., **Weber, M. S.,** Monge, P., & Fulk, J. (2014). Normative influences on network structure in the evolution of the children's rights NGO network, 1977 -2004. *Communication Research. 42*. 30-59. doi:10.1177/0093650212463731

Weber, M. S. (2012). Newspapers and the long-term implications of hyperlinking. *Journal of Computer-Mediated Communication*, *17*, 187-201. doi:10.1111/j.1083-6101.2011.01563.x

Weber, M. S., Chung, C. J., & Park, H. W. (2012). The hyperlinked society: Understanding the changing nature of communication in online environments. *Journal of Computer-Mediated Communication*, *17*, 117-119. doi:10.1111/j.1083-6101.2011.01570.x

Monge, P., Lee, S., Fulk, J., **Weber, M. S.**, Shen, C., Schultz, C., Margolin, D., Gould, J., & Frank, L. B. (2011). Research methods for studying evolutionary and ecological processes in organizational communication. *Management Communication Quarterly*, *25*, 211-251. doi:10.1177/0893318911399447

Monge, P., Lee, S., Fulk, J., Frank, L. B., Margolin, D., Schultz, C., Shen, C., & **Weber, M. S.** (2011). Evolutionary and ecological models for organizational communication. In V. Miller, M. S. Poole, D. R. Seibold and Associates (Eds.), Advancing research in organizational communication through quantitative methodology, *Management Communication Quarterly, 25*, 4-58. doi:10.1177/0893318910390193

Weber, M. S., & Monge, P., (2011). The flow of digital news in a network of authorities, hubs and providers. *Journal of Communication*, *61*, 1062-1081. doi:10.1111/j.1460-2466.2011.01596.x

Invited Publications

Weber, M. S., & Kosterich, A. (In Press). Digital Journalism and the Challenges of Managing a 21st Century Newsroom Workforce: A Case Study of NYC News Media (White Paper). Tow Center for Digital Journalism. New York, NY: Columbia University.

Weber, M. S., & Kim, H. (2015). Investing in collaborative technology? Think twice. Although some will benefit, some teams are shying away from collaborative technology use. *Communication Currents*. *10*(6). Available at: http://www.natcom.org/CommCurrentsArticle.aspx?id=6733

Book Chapters and Encyclopedia Entries

Weber, M. S. (in press). Social Network Analysis as a Method for Understanding Media. In P. Napoli (Ed.), *Mediated Communication*. Handbook of Communication Science Series. Berlin, Germany. De Gruyter Mouton.

Kosterich, A., and **Weber, M.S.** (in press). Consumers, News and a History of Change. In Brugger, N., Milligan, I. & Ankerson, M. (Eds.), SAGE Handbook of Web History. Thousand Oaks, CA: Sage Publications Inc.

Weber, M. S. (in press). The Tumultuous History of News on the Web. In N. Brugger, & R. Schroeder (Eds.), *The Web as history: Using web archives to understand the past and the present*. London, UK: UCL Press.

Weber, M. S. (in press). Understanding the New Dynamics of Organizational Change. In B. Foucault-Welles, & S. González-Bailón (Eds.), *Communication science in the digital age: New frontiers in theory and research*. London, UK: Oxford University Press.

Weber, M. S., & Shi, W. (2017). Enterprise Social Media. In C. R. Scott & L. Lewis (Eds.), *International encyclopedia of organizational communication.* (p. 600-606). Wiley: Chichester, UK.

Weber, M. S. (2017). The Challenges of 25 Years of Data. In N. Brugger (Ed.), *Web 25: Histories from the first 25 years of the World Wide Web*. London, UK: Peter Lang Publishing.

Shumate, M., & **Weber, M. S.** (2015). Web crawling for social science research. In E. Hargittai & C. Sandvig (Eds.), *Research confidential: Digital methods.* (p. 201 – 222) Boston, MA: MIT Press.

Weber, M. S., & Monge, P. (2012). The evolution of social networking sites. In G. Barnett (Ed.), *Encyclopedia of social networks* (pp. 600-606). Thousand Oaks, CA: Sage Publications Inc.

Published Conference Proceedings

Weber, M. S., & Nguyen, H. (2016). Big data? Big issues: Degradation in longitudinal data and implications for social sciences. WebSci 2015 Conference Proceedings. doi: 10.1145/2786451.2786482 [18% acceptance rate]

Nguyen, H., & **Weber, M. S.** (2015). Internet archives as a tool for research: Decay in large-scale archival records. Proceedings of the IEEE Big Data Congress. 724-727. 10.1109/BigDataCongress.2015.118

Weber, M. S. (2014). Observing the web by understanding the past: Archival Internet research. WWW'14 Companion: Proceedings of the 23rd International Conference on World Wide Web. 1031- 1036. doi: 10.1145/2567948.2579213

Articles Under Review

Weber, M. S. (Revise & Resumbit). Methods and Approaches to Using Web Archives in Computational Communication Research. Revision submitted for consideration to Communication Methods and Measures.

Kosterich, A., & **Weber, M. S.** (Revise & Resubmit). Starting up the news: The impact of venture capital on the digital news media ecosystem. Revision submitted for consideration to International Journal on Media Management

Wei, S., & **Weber, M. S.** (Revise & Resubmit). Rethinking the Complexity of Virtual Work and Knowledge Sharing." Revision submitted for consideration to Journal of the Association for Information Science and Technology

Yanovitzky, I. & **Weber, M. S.** (Revise & Resubmit). News Media as Knowledge Brokers in Public Policymaking Processes. Revision submitted for consideration to Communication Theory.

Yanovitzky, I. & **Weber, M. S.** Tracking and Assessing Use of Research Evidence in Public Policymaking Processes: A Theory-Grounded Document Analysis Methodology. Submitted for consideration to Evidence & Policy.

Kosterich, A., Saffer, A., Kreiss, D. & **Weber, M.S.** Network Histories: New Methods and Measures for Studying Political Communication. Submitted for consideration to Political Communication.

Kristensen, T. & **Weber, M. S.** Hacking Creativity: Collaboration, Interaction, and the Generation of New Ideas. Revision submitted for consideration to Small Groups Research.

FUNDED GRANTS

Funded External Research Grants

Weber, M. S. (PI) (2017). 2017 Web Archiving Data Workshops. *National Science Foundation.* (#1723430). $24,113.

Weber, M. S. (PI) (2016). 2016 Web Archiving Data Workshops: Travel Support for U.S. Students. *National Science Foundation.* (#1624067). $29,883.

Weber, M. S., & Kosterich, A. (PI) (2016-2018). Digital Journalism and the Challenges of Managing a 21st Century Newsroom Workforce. *Tow Center for Digital Journalism.* $19,689.

Napoli, P., & **Weber, M. S.** (Co-PI) (2016-2018). Local News Ecosystems. *Democracy Fund.* $300,000.

Yanovitzky, I., & **Weber, M. S.** (Co-PI) (2016-2018). Tracking Policymakers' Acquisition and Use of Research Evidence Regarding Childhood Obesity in the News Media. *William T. Grant Foundation.* $457,862.

Bailey, J., Cramer, T., Taylor, N., Reich, V., Rosenthal, D. S. H., **Weber, M. S.,** & Phillips, M., (Co-PI) (2016 - 2018). Systems Interoperability and Collaborative Development for Web Archiving. *Institute of Museum and Library Services*. (LG-71-15-0174-15). $353,221.

Milligan, I., Lin, J., & **Weber, M. S.** (Co-PI) (2015-2016). Unlock your Web Archives Hackathon. *Social Sciences and Humanities Research Council.* $23,715.

Weber, M. S. (PI) (2012 – 2016) BCC-SBE Collaborative Research: Utilizing Archival Resources to Conduct Data-Intensive Internet Research (with David Lazer, Northeastern University and Kris Carpenter, Internet Archive). *National Science Foundation.* (#1244727). $251,405.

Weber, M. S. (2012), New Methods for Utilizing Archival Research to Explore Organizational Chang*e. Annenberg Innovation Grant.* $5,000.

Weber, M. S. (2009). Engineering and Physical Sciences Research Council – United Kingdom. *Web Science Research Grant*. $5,500.

External Grants Under Review

Wood, J., Rubin, D., Lanier, P, Wood, J. Scribano, P, **Weber, M.S.** (2017). (Rutgers PI and co-Project lead: Joint P50 submission with University of North Carolina at Chapel Hill, Children's Hospital of Pennsylvania and University of Cincinnati). Intervention and Policy Effectiveness to Reduce Child Neglect. *National Institutes of Health P50 Submission.* $10,320,482 (Rutgers' component: $782,131).

Weber, M.S., Yanovitzky, I., Rubin, D., Seymour, B., (2017). (PI) The Role of Knowledge Brokers and Policy Ecosystems, in Improving the Use of Research Evidence to Promote Children's Mental Health. *William T. Grant Foundation*. $999,875.

Sjovaag, H., Baden, C., van Atteveldt, W. … **Weber, M.S.** et al. (2017). (Secondary Proposer) What are Opinions? Integrating Theory and Methods for Automatically Analyzing Opinionated Communication. European Cooperation in Science and Technology (COST). (Proposal OC-2017-1-22336). $620,252.

Funded Internal Research Grants

Rutgers School of Communication and Information Research Development Grant (2016). *Coding News Media*. $3,000.

Rutgers School of Communication and Information Research Development Grant (2014). *Web Archives and Communication Research*. $3,000.

Rutgers Research Council Grant (2013). *Content Management Systems and Production of News Media*, $1,200.

Rutgers School of Communication and Information Grants to Get Grants, (2013). *Social Media in Organizations: Understanding Affordances*. $1,800.

i-Cubed Grant, (2012). *Doctoral Student Training and Workshop*. Co-PIs: Frank Bridges and Anne Gilbert. (NSF funding allocated via Rutgers). $3,000.

Rutgers Research Grant, (2012). *Model Testing and Measure Development for Inter-Organizational Social Networks*. Co-PIs: Marya Doerfel and Tina-Eliasi Rad (Computer Science). $82,400.

Rutgers Summer Fellowship Award, (2012). *Social Media Use in Large Multinational Organizations*. $3,000.

Rutgers School of Communication and Information Grants to Get Grants, (2011). *Understanding the Evolution of Online News Media Organizations*. $2,500

Annenberg International Research Fellowship, (2009). Competitive fellowship awarded to support international field research for dissertation studies. $12,500

Annenberg Journalism Digital Initiatives Dissertation Funding, (2009), *Digital Innovation in Organizations*. $5,000

University of Southern California Graduate Travel Grant. (2009). $500

University of Southern California Graduate Travel Grant. (2008). $500

Annenberg Doctoral Fellowship. (2006 – 2010). $25,000 stipend plus tuition and fees.

AWARDS

Top Faculty Paper (1st Place), Association for Education in Journalism and Mass Communication, Media Management, Economics & Entrepreneurship, 2017

Top Faculty Paper (3rd Place), Association for Education in Journalism and Mass Communication, Media Management, Economics & Entrepreneurship, 2017

Article of the Year, International Journal of Business Communication, 2016

Top Faculty Paper, Association for Education in Journalism and Mass Communication, Media Management, Economics & Entrepreneurship, 2016

Annual Research Award, Department of Communication, Rutgers University, 2014

Top Paper Finalist, Web Science 2012.

Redding Dissertation Award, Dissertation of the Year, 2011

Top Paper, Organizational Communication Division, International Communication Association, 2011

Finalist, Dissertation of the Year, Industry Studies Association, 2010

Top Paper, Organizational Communication Division, International Communication Association, 2010

Phi Kappa Phi, Honors, 2008

Top Paper, Association for Education in Journalism and Mass Communication, 2007

CONFERENCE PRESENTATIONS

Weber, M.S. and Yanovitzky, I. (2017, December). *The brokering of research evidence compared to the use of claims in the formulation of federal policies to combat childhood obesity, 2000-2014.* Paper to be presented at Dissemination & Implementation 2017. Alexandria, VA.

Yanovitzky, I. and Weber, M.S. (2017, December). *Tracking and assessing use of research evidence in public policymaking processes: A theory-grounded methodology.* Paper to be presented at Dissemination & Implementation 2017. Alexandria, VA.

Yanovitzky, I. and Weber, M.S. (2017, November). *Quality vs. quantity: Studying the quality of research use in policy and practice.* Paper to be presented at Evaluation 2017. Washington D.C.

Yanovitzky, I. and Weber, M.S. (2017, November). *From Here to There: Intermediaries and Knowledge Transfer from Research and Evaluation to Policy and Practice.* Paper to be presented at Evaluation 2017. Washington D.C.

Weber, M.S. and Kosterich, A. (2017, October). C*oding the News: The Role of Computer Code in Filtering and Distributing News.* Paper presented at Computation + Journalism 2017. Evanston, IL.

She, W. and Weber, M. S. (2017, August). *Entrepreneurial Organizations and Hidden Communication Prior to Product Launch.* Paper presented at the Annual Meeting of the Academy of Management. Atlanta, GA.

Kosterich, A. & Weber, M. S. (2017, August). *Rapid organizational legitimacy: The case of mobile news apps*. Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication (AEJMC). Chicago, USA.

Kosterich, A. & Weber, M. S. (2017, August). *Transformation of the professional newsroom workforce: An analysis of newsworker roles and skill sets, 2010-2015*. Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication (AEJMC). Chicago, USA.

Weber, M. S., Kosterich, A., & Tikyani, R. (2017, August). Coding the News: The Role of Computer Code in the Distribution of News Media. Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication. Chicago, IL.

Kristensen, T.M. & Weber, M. S. (2017, June). "That's a good point": Collaboration & Idea Development at Datathons. Paper presented at the Science of Team Science (SciTS) Conference. Clearwater Beach, Florida.

Kristensen, T.M., Weber, M. S., & Yanovitzky, I. (2017, June). When Scientific Evidence Really Matter: Policy Windows Surrounding Childhood Obesity. Paper presented at the Science of Team Science (SciTS) Conference. Clearwater Beach, Florida.

Kristensen, T. and Weber, M. S. (2017, May). Hacking creativity: Collaboration, interaction and the generation of New Ideas. Paper presented at the Annual Meeting of the International Communication Association. San Diego, CA.

Shi, W. and Weber, M. S. (2017, May). Rethinking the complexity of virtual work and knowledge sharing. Paper presented at the Annual Meeting of the International Communication Association. San Diego, CA.

Kristensen, T. and Weber, M. S. (2017, May). Beyond traits: Creativity as a communication process. Paper presented at the Annual Meeting of the International Communication Association. San Diego, CA.

Yanovitzky, I., Weber, M. S., Gisualdo, N. and Kristensen, T. (2017, May). Knowledge brokering via news media in the policymaking process. Paper presented at the Annual Meeting of the International Communication Association. San Diego, CA.

Weber, M. S. and Yanovitzky, I. (2017, May). Knowledge brokering, the implementation of health research, and a networks perspective. Paper presented at the Annual Meeting of the International Communication Association. San Diego, CA.

Weber, M. S. and Yanovitzky, I. (2016, December). A methodology for tracking and modeling the dynamics of research evidence use by policymakers. Paper presented at the 9th Annual Conference on the Science of Dissemination and Implementation. Washington DC.

Yanovitzky, I. and Weber, M. S. (2016, December). A longitudinal investigation of knowledge brokering as a mechanism for integrating research evidence into health policymaking. Paper presented at the 9th Annual Conference on the Science of Dissemination and Implementation. Washington DC.

Weber, M. S., Ogyanova, K., & Kosterich, A. (2016, November). Imitation in the quest to adapt: Lessons from news media on the early Web. Paper presented at the Annual Meeting of the National Communication Association, Philadelphia, PA.

Weber, M. S., & Treem, J. (2016, November). Organizational Metrics of Technology Use and the Paradox of Control. Paper presented at the Annual Meeting of the National Communication Association, Philadelphia, PA.

Kristensen, T. & Weber, M. S. (2016, November). *From Traits to Ties: The Communicative Influence on Creative Processes.* Paper presented at the Annual Meeting of the National Communication Association, Philadelphia, PA.

Kosterich, A., & Weber, M. S. (2016, November). Rapid Organizational Legitimacy: The Case of Mobile News Apps. Paper presented at the Annual Meeting of the National Communication Association, Philadelphia, PA.

Yanovitzky, I. and Weber, M. S. (2016, November). *News Media as Knowledge Brokers: Rethinking the Influence of the News Media in Public Policymaking*. Paper presented at the Annual Meeting of the National Communication Association, Philadelphia, PA.

Kosterich, A., & Weber, M. S. (2016, August). *Starting Up the News: The Impact of Venture Capital on the Digital News Media Ecosystem*. Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication, Minneapolis, MN.

Weber, M.S. and Milligan, I. (2016, April). *Archives Unleashed: Hackathons as a Tool for Engaging Scholars with Web Archives*. Paper presented at the Annual Meeting of the International Internet Preservation Consortium, Reykjavik, Iceland.

Weber, M.S. and Graham, P. (2016, April). *The State of Researcher Use of Web Archives*. Paper presented at the Annual Meeting of the International Internet Preservation Consortium, Reykjavik, Iceland.

Weber, M. S. (2016, January). *From Big Data to Big Theory: Lessons Learned from Archival Internet Research*. Paper presented at the Annual Meeting of the American Historical Association, Atlanta, GA.

Weber, M. S., & Treem, J. (2015, November). *Immutable Technology and the Breakdown of Organizational Change*. Paper presented at the Annual Meeting of the National Communication Association, Las Vegas, NV.

Treem, J., & Weber, M. S. (2015, November). *Defragmenting Work: The Use of Information Communication Technology to Cope With Everyday Overload at Work*. Paper presented at the Annual Meeting of the National Communication Association, Las Vegas, NV.

Nguyen, H., & Weber, M. S. (2015, July). *Internet Archives as a Tool for Research: Decay in Large Scale Archival Records*. Paper presented at the IEEE Big Data Congress 2015, New York, NY.

Weber, M. S., & Nguyen, H. (2015, June). *Big Data? Big Issues: Degradation in Longitudinal Data and Implications for Social Sciences.* Paper presented at Web Science 2015, Oxford, UK.

Kristensen, T., & Weber, M. S. (2015, June). *Research Network and Organizational Affiliations of Pharmaceutical Scientists.* Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Brighton Beach, UK.

Shi, W., & Weber, M. S. (2015, June). *Entrepreneur-Investor Relationships in Metropolitan Areas.* Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Brighton Beach, UK.

Kosterich, A., & Weber, M. S. (2015, May). *Journalism and the Role of Venture Capital: Navigating the New, News Media Landscape*. Paper presented at the Annual Meeting of the International Communication Association. San Juan, Puerto Rico.

Weber, M. S., & Kim, H. (2014, November). *Virtuality, Technology Use, and Engagement within Organizations.* Paper presented at the Annual Meeting of the National Communication Association. Chicago, Illinois.

Weber, M. S., Evans, S., & Driscoll, K. (2014, November). *Seeking Structure in Anarchy: The Emergence of Organization in the Occupy Wall Street Movement.* Paper presented at the Annual Meeting of the National Communication Association. Chicago, Illinois.

Weber, M. S. (2014, August). *Back to Basics: Big Data and Education in the Social Sciences*. Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication, Montreal, Canada.

Weber, M. S. (2014, August). *A Networked Perspective on the Evolution of News Media*. Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication, Montreal, Canada.

Weber, M. S. (2014, May). *Leveraging Archival Internet Data to Understand the Growth of Social Movements*. Paper presented at the Annual Meeting of the International Communication Association, Seattle, WA.

Weber, M. S. (2013, November). *Organizational Change as Speciation: A New Theoretical Framework for Understanding Transformation in Organizations*. Paper presented at the Annual Meeting of the National Communication Association, Washington D.C.

Weber, M. S. (2013, June). *Making sense of Big Data: Developing a social science research agenda*. Paper presented at the Annual Meeting of the International Communication Association, London, UK.

Haseki, M., & Weber, M. S. (2013, June). *Talking through technology: The duality of maintaining internal and external organizational relationships through social media.* Paper presented at the Annual Meeting of the International Communication Association, London, UK.

Kim, H., & Weber, M. S. (2013, June). *The promise of social: Improving work outcomes in large multinational organizations through the use of collaborative technology.* Paper presented at the Annual Meeting of the International Communication Association, London, UK.

Weber, M. S. (2013, May). *Utilizing archival Internet data to understand the growth of organizational networks*. Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Hamburg, Germany.

Haseki, M., & Weber, M. S. (2013, May). *How did you do that? Adaptation to new information communication technology in organizations through advice networks.* Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Hamburg, Germany.

Weber, M. S. (2012, November). *Knowledge networks and employee effectiveness: Understanding social media use in a large multinational organization.* Paper presented at the Annual Meeting of the National Communication Association, Orlando, FL.

Weber, M. S., & Cummings, J. (2012, August). *Revisiting interdependence in multinational firms: Collaborative technology and changes in team work*. Paper presented at the Annual Meeting of the Academy of Management, Boston, MA.

Evans, S., & Weber, M. S. (2012, June). *Emergent structure in a social movement: Occupy Wall Street as a networked organizational form.* Paper presented at Web Science 2012, Evanston, IL.

Kim, H., & Weber, M. S. (2012, June). *Understanding the use of Web-based technologies in a high-tech organization: The role of task properties and communication network characteristics.* Paper presented at Web Science 2012, Evanston, IL.

Weber, M. S. (2012, June). *The emergence and evolution of communities of political discussion.* Paper presented at the Annual Political Networks Conference. Boulder, CO.

Weber, M. S. (2012, March). *Knowledge interdependence and employee effectiveness in a large multinational organization.* Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Redondo Beach, CA.

Weber, M. S., & O'Driscoll, T. (2012, February). *Social media, social networks and organizational effectiveness*. Paper presented at the Organization Science Winter Conference, Steamboat Springs, CO.

Weber, M. S., & Monge, P. (2011, August). *Industrial turmoil II: The emergence of new organizational forms in the online news community*. Paper presented at Annual Meeting of the Academy of Management, San Antonio, TX.

Weber, M. S., & Monge, P. (2011, August). *Industries in turmoil: Driving transformation during periods of disruption*. Paper presented at the Annual Meeting of the International Communication Association Conference, Boston, MA.

Weber, M. S., & Gilbert, J. (2011, February). *Influence and expertise in digital information networks: An examination of online news distribution in social networks*. Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Tampa, Florida.

Weber, M. S., & Monge, P. (2010, July). *Examining online organizational development through the extraction and analysis of longitudinal network data from the World Wide Web*. Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Riva del Garda, Italy.

O'Brien, N., Frank, L.B., Gould, J.J., Schultz, C.S., Weber, M. S. & Monge, P. (2010, July). *Collective action in virtual organizations: Networks of collaboration in an online scientific community*. Paper presented at the Annual Meeting of the International Network of Social Network Analysis. Riva del Garda, Italy.

Weber, M. S. (2010, June). *Hyperlinking and the long-term effects of online news strategy*. Paper presented at the Annual Meeting of the International Communication Association, Singapore.

Margolin, D., Shen, C., Lee, S., Weber, M. S., Monge, P., & Fulk, J. (2010, June). *The multilevel impact of aging: Age, evolution, and phase change in the child rights NGO Network*. Paper presented at the Annual Meeting of the International Communication Association, Singapore.

Weber, M. S., Fulk, J. & Monge, P. (2009, November). *Emergence of social networking sites as a legitimate organizational form*. Paper presented at the Annual Meeting of the National Communication Association, Chicago, IL.

Weber, M. S. (2009, October). *From the New York Times to the Huffington Post: The emergence and transformation of coevolving forms of news production*. Paper presented at the Organizational Communication Mini-Conference, Evanston, IL.

Weber, M. S., Stephens, K., & Thomas, G. (2009, August). *Handling live fire: Enacting strategic communication in crisis situations*. Paper presented at the Annual Meeting of the Academy of Management, Chicago, IL.

Weber, M. S. (2009, August). *Experimenting with interactive media: Negotiating the role of digital media in news organizations*. Paper presented at Annual Meeting of the Association for Education in Journalism and Mass Communication, Boston, MA.

Weber, M. S. (2009, March). *A historical perspective on the intersection of networks of news production.* Paper presented at WebScience 2009, Athens, Greece.

Weber, M. S., Monge, P, & Fulk, J. (2008, May). *Emergence of social networking sites as a legitimate organizational form*. Paper presented at the Annual Meeting of the International Communication Association Conference, Montreal, Canada.

Weber, M. S., & Monge, P. (2008, May). *The flow of digital news in a network of providers, authorities and hubs*. Paper presented at the Annual Meeting of the International Communication Association Conference, Montreal, Canada.

Weber, M. S., & Hollingshead, A. (2008, January). *Advice seeking in online discussions: network characteristics as cues of information trustworthiness*. Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Tampa, FL.

Weber, M. S., Gould, J., & Riley, P. (2007, November). *Globalization, leapfrogging and the diffusion of affordable technologies toward a theory of pro-social convergence.* Paper presented at the Annual Meeting of the National Communication Association, Chicago, IL.

Bar, F., Pisani, F., & Weber, M. S. (2007, August). *Mobile technology appropriation in a distant mirror: baroque infiltration, creolization and cannibalism.* Paper presented at the Telefonica Conference, Buenos Aires, Argentina.

Weber, M. S., & Monge, P. (2007, May). *Brokerage in online news networks*. Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Corfu, Greece.

Monge, P., Fulk, J., Chatterjee, J., Heiss, B., Lee, S., Margolin, D., Shen, C., Stephens, K., & Weber, M. S. (2007, May). *The structural evolution of organizational communities: How variation, selection and retention processes operate in NGO networks.* Paper presented at the Annual Meeting of the International Network of Social Network Analysis, Corfu, Greece.

Weber, M. S. (2007, February). *Online newspapers and networks of production.* Paper presented at the Annual Meeting of the Association for Education in Journalism and Mass Communication, University of Nevada, Reno, NV.

INVITED PRESENTATIONS

Weber, M. S. (2017, November). Newsroom 21: New Hiring Practices and the Challenge of Building a 21st-Century Newsroom. University of North Carolina at Chapel Hill. Chapel Hill, NC.

Weber, M. S. (2017, October). The Fallacy of Local News and the Peril of New Technology. University of Illinois, Urbana-Champaign. Urbana, IL.

Weber, M. S. (2017, June). The Webscience of Local News Networks. University of Southampton. Southampton, UK.

Weber, M. S. (2017, June). Archives Unleashed. RESAW - Researchers, Practitioners and Their Use of the Archived Web. London, UK.

Weber, M. S. (2017, June). Web 25: Histories From the First 25 Years of the World Wide Web. RESAW - Researchers, Practitioners and Their Use of the Archived Web. London, UK.

Weber, M. S. (2017, June). News, Networks & Local. Local Journalism and Its Future. Ryerson University. Toronto, Canada.

Weber, M.S. (2017, May). Space and Place: The Fallacy of Online Local News. Geomedia 2017. Karlstad, Sweden.

Weber, M. S. (2017, February). An Agenda for Digital Content Curation. New Jersey Association of School Administrators. Cape May, NJ.

Weber, M. S. (2017, February). Networks, Media and Information Flow. William T. Grant Foundation's Advancing the Use of Research Evidence Meeting, Washington D.C.

Weber, M. S. (2017, February). Knowledge Brokering and Policy Formation. William T. Grant Foundation's Advancing the Use of Research Evidence Meeting, Washington D.C.

Weber, M. S. and Yanovitzky, I. (2017, February). Information Flows, News Media and Policymaking. The MediaLab at Massachusetts Institute of Technology, Boston, MA.

Weber, M. S. and Yanovitzky, I. (2017, January). Knowledge Brokering and Policy Formation. Policy Lab at the Children's Hospital of Philadelphia. Philadelphia, PA.

Weber, M. S. and Kosterich, A. (2016, November). Work Histories and Changing Skills in 21st Century Newsrooms. Tow Center for Journalism, Columbia University, New York, NY

Weber, M. S. (2016, October). Capturing dynamic data for preservation. Preservation and Archiving Special Interest Group. Museum of Modern Art, New York, NY.

Weber, M. S. and Kosterich, A. (2016, October). Newsroom 21. Dodging the Memory Hole Conference, University of California Los Angeles, Los Angeles, CA

Weber, M. S. (2016, September). Archives Unleashed: Approaches for Big Data Education. Library of Congress, Washington DC.

Weber, M. S. and Kosterich, A. (2016, June). Newsroom 21. Tow Center for Journalism, Columbia University, New York, NY

Weber, M. S. (2015, December). Social Network Analysis and News Media. Tow Tea. Tow Center for Journalism, Columbia University, New York, NY

Weber, M. S. (2015, March). HistoryTracker & the challenges of Big Theory. L3S Seminar. L3S Research Center, Hannover, Germany.

Weber, M. S. (2015, January). Tracing Occupy Wall Street Through Archival Data. Columbia University Library Digital Preservation Seminar. Columbia University, New York, NY.

Weber, M. S. (2014, September). Big Data & Big Theory: Utilizing Large Scale Data to Generate New Theories About Social Interaction. 1st International Alexandria Workshop, L3S Research Center, Hannover, Germany. (**keynote**)

Weber, M. S. (2014, June). *Archived Web Data and the Potential for New Avenues of Social Science Research*. Institute for Quantitative Social Science Research, Harvard University, WIRE Workshop, Boston, MA.

Weber, M. S. (2013, October). *Utilizing Archived Web Data to Examine the Evolution of Media*. Massachusetts Institute of Technology, Web Observatory Workshop, Cambridge, MA.

Weber, M. S. (2013, June). *Social Media, Big Data and Organizational Outcomes*. University of Southampton, Provost's Brownbag, Southampton, UK.

Weber, M. S. (2012, December). *Social science research and web archives: building a research agenda*. Northeastern University, Boston, MA.

Weber, M. S. (2012, June). *The evolution of information flows in digital networks*. Lunch Series. Palo Alto Research Center.

Weber, M. S. (2010, October). *Networks and web science: Using observational and empirical data*. WebScience: A New Frontier, The Royal Society, London, UK.

Weber, M. S. (2010, March). *The changing culture of newspaper organizations*. Presentation at SXSW Interactive, Austin, TX.

Weber, M. S. (2010, January). *Digital news: Successful strategies for linking and thriving in the network society*. Speaker Series, Department of Management and Organization, Ross School of Business, University of Michigan, Ann Arbor, MI.

Weber, M. S. (2009, October). *Media reinvented: Dissemination of news in the network Age*. Reuters Seminar Series. Reuters Institute for the Study of Journalism, Oxford, UK.

Weber, M. S. (2009, February). *The flow of digital news in a network of authorities, hubs and providers*. Faculty Research Retreat, Department of Management and Organization, Marshall School of Business, University of Southern California. Los Angeles, CA.

Weber, M. S. (2009, March). *New patterns of organization in online systems of media organizations*. Oxford Internet Institute Research Seminar. Oxford University. Oxford, UK.

Weber, M. S. (2008, September). *Evolving structures of news dissemination*. Visiting Speaker Seminar. Wolverhampton University. Wolverhampton, UK.

Weber, M. S. (2008, September). *Evolving structures of news dissemination*. Research Seminar. University of Southampton. Southampton, UK.

Weber, M. S., Gould, J., & Riley, P. (2008, April). *Globalization, leapfrogging and the diffusion of affordable technologies toward a theory of pro-social convergence*. USC Annenberg Globalization Conference, Los Angeles, CA.

Weber, M. S., & Monge, P., (2007, November). *The flow of digital news in a network of authorities, hubs and providers*. Webscience, Networks, and Society Conference, Los Angeles, CA.

RESEARCH EXPERIENCE

Rutgers NetSci Lab, *Co-Director*
    2012 - Present
    Co-director of networks research lab focused on developing cutting edge networks research, developing grant proposals and working with graduate student to author new publications.

Annenberg Networks Network, *Research Assistant*
    2006 – 2009, Peter Monge (PI)
    Developed new tools for archival Internet data collection, coordinated research projects, co-authored conference papers and publications, and assisted in the authoring of grant applications.

Annenberg Program on Online Communities, *Research Assistant*
     2008 – 2009, Janet Fulk, Andrea Hollingshead, Margaret McLaughlin (PIs)
     Coordinated research projects, co-authored conference submissions and developed tools
     for data collection from mobile social networks

Network Culture, *Research Assistant*
     2008, Doug Thomas (PI)
     Analyzed data, developed new protocols for collecting data from virtual communities and
     pilot tested online interview tools

Department of Defense – Organizational Challenges in the US Navy, *Research Assistant*
     2007 – 2009, Patti Riley (PI)
     Wrote case studies for strategic training sessions, drafted and implemented interview
     protocols, and prepared articles for conference submission and publication

Appropriation of Innovations, *Research Assistant*
     2006, Francois Bar (PI)
     Conducted background research and co-authored conference submissions

TEACHING EXPERIENCE

Rutgers University, School of Communication and Information

     Graduate & Masters
     COM621: Organizational Communication Research
     COM687: Special Topics – Social Network Analysis
          Developed new course on advanced social network theory and methodology

     Undegradaute
     COM410/JMS473: Media, Marketing and Communication
          Developed new course integrating communication theory and marketing
          communication
     COM300: Research Methods
     COM354: Mediated Communication
     COM357: Organizational Communication
     Byrne Seminar: Freshmen Seminar on Social Network Analysis

University of Southern California, Annenberg School for Communication and Journalism
Lecturer

     Undergraduate
     COMM499: Media, Marketing and Communication
          Developed new course integrating communication theory and marketing
          communication
     COMM204: Public Speaking

University of Southern California, Marshall School of Business
Facilitator
>Experiential Learning Center
>>Led discussion sections and hands-on communication training for undergraduate students, MBAs and EMBAs.

University of Southern California, Annenberg School for Communication and Journalism
Teaching Assistant

>*Graduate*
>CMGT502: Strategic Corporate Communication

>*Undergraduate*
>COMM202: Communication and Technology

ADVISING EXPERIENCE

Postdoctoral Advising
>Yannick Atouba, Co-Advisor, 2013-2014 (Assistant Professor at University of Texas, El Paso)
>Mengxiao Zhu, Co-Advisor, 2012-2013, Employed at Educational Testing Service)

Doctoral Advisees
>Allie Kosterich (Assistant Professor, Pace University)
>Teis Kristensen (4th Year)
>Wei Shi (4th Year)
>Maria Kukhareva (1st Year)
>Xizi Ru (1st Year) (Co-adviser with Itzhak Yanovitzky)

Dissertation, Thesis, and/or Exam Committees Served on in Communication, Rutgers
>Qun Wang, dissertation in progress
>Charlie File, dissertation in progress
>Eun Baik, dissertation in progress
>Inyoung Shin, dissertation in progress
>Heewon Kim, graduated in 2016 (Assistant Professor at University of Arizona)
>Nik Rozaidi, graduated in 2015 (Bank Negara Malaysia)
>Young Hoon Kim, graduated in 2013 (privately employed)
>Daniel Halperin, graduated in 2012 (Pontificia Universidad Católica de Chile)

Masters Student Teaching Practicums
>Alix Ruggiero (2014)
>Samathan Gilham (2013)
>Adarsh Pilai (2012)

Additional advising includes supervision of 16 undergraduate student researchers supported by ongoing grant-funded research, and supervision of 2 undergraduate honors theses.

SERVICE ACTIVITIES

Service to the Professional Community

Editorial Board
Communication Research, 2016 - present
Journal of Applied Communication Research, 2015 – present
Management Communication Quarterly, 2015 - present
Journal of Web Science, 2013 – present

Journal Guest Editor
Journal of Computer-Mediated Communication, 2012
Special Issue: "The Hyperlinked Society: Understanding the Changing Nature of Communication in Online Environments Through a New Science of the Web"

Journal Section Editor
Journal of Web Science, 2015 – present

Journal Reviewer
Science, 2017 - present
Communication Research, 2012 - present
Communication Theory, 2012 – present
Mass Communication Quarterly, 2014 - present
Communication Monographs, 2015
Communication Quarterly, 2014
International Journal of Communication, 2010 – 2013
Journal of Information, Technology & Politics, 2012 - 2014
Journal of Applied Communication Research, 2012 - 2014
Journal of Computer-Mediated Communication, 2012
Human Communication Research, 2012, 2013
Communication Theory, 2012
Journal of Communication, 2009 – 2013

Grant Review
NSF Panel Reviewer, 2016, 2017
External Reviewer, 2017, ZonMW, The Netherlands Organization for Health Research and Development

Conferences
Archives Unleashed
Organizer, British Library, London, UK, June 2017
Organizer, Internet Archive, San Francisco, CA, February 2017
Organizer, University of Toronto, Toronto, Canada, March, 2016
Organizer, Library of Congress, Washington D.C., June 2016

ACM WebScience Conference
    Workshop Chair, 2017
    Proceedings Chair, 2012, 2013
    Program Committee, 2013 - 2016

WWW Conference
    Program Committee 2013 – 2017
    Tutorial Chair, 2016
    Program Chair, Web Science Track, 2014

Workshop on the Theory and Practice of Social Machines
    Workshop Chair, 2015

Web Archiving and Digital Libraries (WADL)
    Organizing Committee, 2015, 2016, 2017

International Communication Association
    Division Secretary, Computational Methods Interest Group, 2018 - 2020
    Organizational Communication Division, Reviewer, 2010 - present
    Organizational Communication Division, Redding Dissertation Award Committee,
    2012

Academy of Management
    Organizational Communication and Information System Division, Conference
    Reviewer, 2010 – present

National Communication Association
    Organizational Communication Division, Conference Reviewer, 2008 – present

New Horizons; Conference Co-Chair: Leveraging the Ph.D. Outside Academia. 2008

Service to the University Community

Rutgers University
University
    Health and Wellness Summit, Organizing Committee, 2015 - 2016
    New Brunswick GA/TA Grievance Process Committee, 2012 – 2014
    Office of Advanced Research Computing, Faculty Advisory Committee, 2016 -
        present

School

Rules of Procedure/Elections & Nomination Committee Member, 2016
Communication Department Faculty Representative for Digital Communication and
    Information Minor, 2012 - present
Social Media Cluster, Member, 2013 - present
PR/Marketing Program Committee, 2012
Faculty Advisor, First-year Interest Group Seminars Peer Instructors, 2012
Faculty Advisor, Graduate Student Association, 2012 - 2013
Graduate Student Professionalism Day, Faculty Sponsor, 2012

Department

Faculty Advisor, International Association of Business Communicators, 2012 –
    2015
Departmental Research Committee, 2011 – 2012

University of Southern California
Department

Teaching Liaison, Annenberg Communication Graduate Student Association,
2007-2008
Doctoral Representative, Annenberg Communication Graduate Student
Association, 2006-2007
Moderator, "Making the Most of Research at Annenberg," Annenberg Graduate
Student Professionalism Day, 2007.

Service to the Public Community

Board Member, International Association of Business Communicators – New Jersey State
Chapter, 2012 - present

Awards Referee, New Jersey Tech Council, 2015

MEMBERSHIPS

International Communication Association, 2008 - present
National Communication Association, 2008 - present
International Network of Social Network Analysis, 2009 - present
Academy of Management, 2009 - present
Association for Education in Journalism and Mass Communication, 2010 – present

INDUSTRY EXPERIENCE

Worklytics., New York, NY
Advisory Board Member, Dec. 2016 – present

>   Advises management team on organizational change strategies, and metrics for managing organizational use of technology.

Marching Penguin., Los Angeles, CA
Advisory Board Member, Sept. 2015 – present

>   Advises management team regarding strategic approaches to the use of social media in day-to-day work practices; advises board on growth strategies with regards to external communication practices.

Ledge Inc., Los Angeles, CA
Advisory Board Member, Sept. 2013 – present

>   Advises management team on best practices with regards to social media growth strategies. Assists the marketing and product development teams with strategic targeting of key consumers, and helps to craft a forward-looking research agenda.

IBM Corporation, Armonk, NY
Independent Consultant, Aug. 2012 – Jan. 2017

>   Provide insight and analysis of data as an independent consultant for the Inside Sales division of IBM Corp. Advises management team on enterprise social media adoption strategies, and educates employees on successful technology adoption strategies.

Tribune Corporation, Chicago, IL
Assistant Brand Manager, Aug. 2005 – Sept. 2006

>   Managed key branding initiatives for Chicago Tribune, including ChicagoTribune.com and Metromix.com. Led the launch of customer retention and loyalty program, acquiring 200,000 subscribers in one year, and also launched a company wide rebranding effort. Managed loyalty marketing team and developed accountability metrics.

Starcom Worldwide, Chicago, IL
Senior Media Associate, Sun Microsystems, June 2004 – Aug. 2005

>   Managed media strategy for multiple million-dollar online media campaigns; responsible for strategy, investment, contract negotiation, and creative management. Also supervised campaign development and launch for multiple products.

Media Associate, Kellogg Co., Aug. 2003 – June 2004

Developed media strategy for $50-million brand portfolio. Member of successful new business pitch team that acquired additional $5-million dollar account

Waterloo Courier, Waterloo, IA
Capitol Hill Correspondent, Jan. 2003 – Jun. 2003

Worked as the Washington D.C.-based correspondent for the Waterloo Courier. Covered the House and Senate as the Capitol Hill Correspondent, and covered the White House for special events. Published briefs on a daily basis, as well as longer articles on a weekly basis.

LandHere Corporation, Evanston, IL
Investor Relations Manager, Jan. 2001 – Jan. 2002

Developed business plan, launched with seed funding and obtained $1 million in first-round venture capital funding and angel investments. Managed investor relations through to buyout.