Matthew E. Brashears

March 2026

Mailing Address

Department of Sociology
University of South Carolina
Sloan College, Rm. 321
911 Pickens Street
Columbia, SC 29208
brasheam@mailbox.sc.edu

Academic Positions:

Chair, Department of Sociology
University of South Carolina (July 2023 to Present)

Professor of Sociology
University of South Carolina (Spring 2021 to Present)

Associate Professor of Sociology
University of South Carolina (Fall 2015 to Spring 2021)

Assistant Professor of Sociology
Cornell University (Fall 2008 to Spring 2016)

Education:

Ph.D. Sociology	University of Arizona, 2008
M.A. Sociology	University of Arizona, 2003
B.A. Sociology	Emory University, 2000
B.A. Psychology	Emory University, 2000

Peer Reviewed Publications:

Quintane, Eric, Matthew E. Brashears, Helena V. González-Gómez & Raina Brands. 2025. "Gender, Network Recall, and Structural Holes." *Personnel Psychology*, 0: 1-17.

Zhong, Jingwen and Matthew E. Brashears. 2024. "The Siren Song of So-Called Evidence: Why the Evidence for Social Ecology Models is Not as Strong as We Think." *Social Science Research*, 118: 102978

Harder, Nicolas L. and Matthew E. Brashears. 2023. "An improved approach for ecological modeling of social phenomena in Blau space." *PLOS ONE*, 18: e0289934. https://doi.org/10.1371/journal.pone.0289934

Sun, Hui, Matthew E. Brashears and Edward Bishop Smith. 2021. "Network Representation Capacity: How Social Relationships are Represented in the Human Mind." *Personal Networks: Frontiers of Ego Network Analysis,* Mario Small, Brea Perry and Bernice Pescosolido (eds.), Cambridge University Press.

Facciani, Matthew, Matthew E. Brashears, and Jingwen Zhong. 2020. "Visual Vignettes for Cross-National Research." *International Journal of Social Research Methodology*, DOI: 10.1080/13645579.2020.1844897

Harder, Nicolas L. and Matthew E. Brashears. 2020. "Predicting organizational recruitment using a hybrid cellular model: New directions in Blau space analysis." *Computational and Mathematical Organization Theory,* 26: 320-349. https://doi.org/10.1007/s10588-020-09306-9

Rözer, Jesper J., Bas Hofstra, Matthew E. Brashears and Beate Volker. 2020. "Does unemployment lead to isolation? The consequences of unemployment for social networks." *Social Networks*, 63: 100-111.

Smith, Edward Bishop, Raina A. Brands, Matthew E. Brashears, and Adam M. Kleinbaum. 2020. "Social Networks and Cognition." *Annual Review of Sociology*, 46: 159-174.

Brashears, Matthew E., Laura Aufderheide Brashears and Nicolas L. Harder. 2020. "Where you are, what you want, and what you can do: The role of master statuses, personality traits, and social cognition in shaping ego network size, structure, and composition." *Network Science,* 8: 356-380.

Brashears, Matthew E. and Laura Aufderheide Brashears. 2020. "Compression Heuristics, Social Networks, and the Evolution of Human Intelligence." In *Network Science in Cognitive Psychology* (*Frontiers of Cognitive Psychology),* Michael S. Vitevitch (ed). Routledge: New York, NY.

Facciani, Matthew and Matthew E. Brashears. 2019. "Sacred Alters: The Effects of Ego Network Structure on Religious and Political Beliefs." *Socius*, 5: 1-16.

Harder, Nicolas L. and Matthew E. Brashears. 2019. "A Hybrid Cellular Model for Predicting Organizational Recruitment in a k-Dimensional Space." *2019 International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation, July 9-12, 2019. Washington, D.C., Proceedings.* Springer: Cham, Switzerland.

Brashears, Matthew E. 2019. "How Big and How Certain? A New Approach to Defining Levels of Analysis for Modeling Social Science Topics" in *Social-Behavioral Modeling for Complex Systems,* Paul K. Davis and Angel O'Mahoney (eds). Pgs. 101-120. Wiley: Hoboken, NJ.

Genkin, Michael, Cheng Wang, George Berry and Matthew E. Brashears. 2018. "Blaunet: An R-based Graphical User Interface Package to Analyze Blau Space." *PLOS ONE*, 13: e0204990.

Behler, Rachel, Chan S. Suh, Matthew E. Brashears, and Yongren Shi. 2018. "Familiar Faces, Familiar Spaces: Social Similarity and Co-Presence in Non-Relational Behavioral Convergence." *Network Science,* 6: 396-429.

Brashears, Matthew E. and Eric Quintane. 2018. "The Weakness of Tie Strength." *Social Networks*, 55: 104-115.

Rozer, Jesper and Matthew E. Brashears. 2018. "Partner selection and social capital in the status attainment process." *Social Science Research,* 73: 63-79.

Omodei, Elisa, Matthew E. Brashears and Alex Arenas. 2017. "A Mechanistic Model of Human Recall of Social Network Structure and Relationship Affect." *Nature Scientific Reports,* 7: 17133. https://www.nature.com/articles/s41598-017-17385-z

Brashears, Matthew E., Michael Genkin and Chan S. Suh. 2017. "In the Organization's Shadow: How Individual Behavior is Shaped by Organizational Leakage." *American Journal of Sociology*, 123: 787-849.

Suh, Chan S., Yongren Shi, and Matthew E. Brashears. 2017. "Negligible Connections? The Role of Familiar Others in the Diffusion of Smoking among Adolescents." *Social Forces,* 96: 423-448.

Shi, Yongren, Fedor A. Dokshin, Michael Genkin and Matthew E. Brashears. 2017. "A Member Saved is a Member Earned? The Recruitment-Retention Trade-Off and Organizational Strategies for Membership Growth." *American Sociological Review*, 82: 407-434.

Brashears, Matthew E. and Laura Aufderheide Brashears. 2016. "The Enemy of my Friend is Easy to Remember: Balance as a Compression Heuristic." pgs. 1-31 in *Advances in Group Processes*, Shane Thye & Edward Lawler (eds.), Bingley, UK: Emerald Insight.

Suh, Chan S., Matthew E. Brashears and Michael Genkin. 2016. "Gangs, Clubs, and Alcohol: The Effect of Organizational Membership on Adolescent Drinking Behavior." *Social Science Research*, 58: 279-291.

Brashears, Matthew E., Emily Hoagland and Eric Quintane. 2016. "Sex and Network Recall Accuracy." *Social Networks*, 44: 74-84. doi:10.1016/j.socnet.2015.06.002

Brashears, Matthew E. and Eric Gladstone. 2016. "Error Correction Mechanisms in Social Networks can Reduce Accuracy and Encourage Innovation." *Social Networks*, 44: 22-35. doi:10.1016/j.socnet.2015.07.007

Brashears, Matthew E. 2015. "A longitudinal analysis of gendered association patterns: Homophily and social distance in the general social survey." *Journal of Social Structure*. 16:3. https://www.cmu.edu/joss/content/abstracts.html#1603

Brashears, Matthew E. and Laura Aufderheide Brashears. 2015. "Do Contemporary People Have Fewer Friends than they Used To?" in *Emerging Trends in the Social and Behavioral Sciences*, (eds.) Robert Scott and Stephen Kosslyn, Hoboken, NJ: John Wiley and Sons.

Brashears, Matthew E. and Eric Quintane. 2015. "The Microstructures of Network Recall: How Social Networks are Encoded and Represented in Human Memory." *Social Networks.* 41: 113-126. DOI 10.1016/j.socnet.2014.11.003

Simpson, Brent, Matthew E. Brashears, Eric Gladstone and Ashley Harrell. 2014. "Birds of Different Feathers Cooperate Together: No Evidence for Altruism Homophily in Networks." *Sociological Science,* 1: 542-564. DOI 10.15195/v1.a30

Brashears, Matthew E. and David L. Sallach. 2014. "Modeling Cognitions, Networks, Strategic Games, and Ecologies." In *Sociocultural Behavior Sensemaking: State of the Art in Understanding the Operational Environment.* Egeth, J.D., Klein, G.L., & Schmorrow, D. (Eds.). McLean, VA: The MITRE Corporation.

Brashears, Matthew E. and Eric Gladstone. 2014. "Innovation from Imitation: Error Correction in Networks Reduces Accuracy and Promotes Innovation." *Academy of Management Proceedings*, 2014:1 12190. DOI 10.5465/AMBPP.2014.201

Brashears, Matthew E. 2014. "'Trivial' Topics and Rich Ties: The Relationship Between Discussion Topic, Alter Role, and Resource Availability Using the 'Important Matters' Name Generator." *Sociological Science*, 1: 493-511. DOI 10.15195/v1.a27

Tufekci, Zeynep and Matthew E. Brashears. 2014. "Are We All Equally at Home Socializing Online? Cyberasociality and Evidence for an Unequal Distribution of Disdain for Digitally-mediated Sociality." *Information, Communication and Society*. 17: 486-502. http://dx.doi.org/10.1080/1369118X.2014.891634

Brashears, Matthew E. 2013. "Humans use Compression Heuristics to Improve the Recall of Social Networks." *Nature Scientific Reports*, 3: 1513. http://www.nature.com/srep/2013/130321/srep01513/full/srep01513.html

-Media coverage in NBC News, Yahoo! News, LiveScience, Science Daily, Trouw, and elsewhere.

Brashears, Matthew E. 2011. "Small networks and high isolation?: A reexamination of American discussion networks." *Social Networks.* 33: 331-341. DOI 10.1016/j.socnet.2011.10.003

-Media coverage in ABC News, Fox News Live, MSNBC, Yahoo!, and elsewhere.

Brashears, Matthew E. 2010. "Anomia and the Sacred Canopy: Testing a Network Theory." *Social Networks*, 32: 187-196. DOI 10.1016/j.socnet.2009.12.003

McPherson, Miller, Lynn Smith-Lovin and Matthew E. Brashears. 2009. "Models and Marginals: Using Survey Evidence to Study Social Networks." *American Sociological Review,* 74: 670-681. DOI 10.1177/000312240907400409

Brashears, Matthew E. 2008. "Sex, Society, and Association: A Cross-National Examination of Status Construction Theory." *Social Psychology Quarterly.* 71: 72-85. DOI 10.1177/019027250807100108

Brashears, Matthew E. 2008. "Gender and Homophily: Differences in Male and Female Association in Blau Space." *Social Science Research.* 37: 400-415. DOI 10.1016/j.ssresearch.2007.08.004

McPherson, J. Miller, Lynn Smith-Lovin and Matthew Brashears. 2008. "The ties that bind are fraying." *Contexts,* 7: 32-36. DOI 10.1525/ctx.2008.7.3.32

McPherson, J. Miller, Lynn Smith-Lovin, and Matthew E. Brashears. 2006. "Social Isolation in America: Changes in Core Discussion Networks over Two Decades." *American Sociological Review.* 71: 353-375. DOI 10.1177/000312240607100301

-Media coverage in ABC news, the New York Times, the Washington Post and elsewhere.

Other Publications:

Harder, Nicolas L. and Matthew E. Brashears. 2025. "Vibrations through ties: How ego networks influence music preferences and consumption." In the *Springer Handbook of Social Psychology*, Jan Stets, Karen Hegtvedt and Long Doan, eds.

Brashears, Matthew E. and Brea Perry. 2025. "Neuroscience, Cognition, and Social Networks." In the *Springer Handbook of Neurosociogy, 2/e,* William Kalkhoff, Rengin Firat and Joseph Dippong, eds.

Harder, Nicolas L**.** and Matthew E. Brashears. 2025. "Structures of Interaction:

Social Network Analysis and its application in Social Psychology." in the *Edward Elgar Handbook of Social Psychology*, Lisa Slattery Walker and Gretchen Peterson, eds.

Money, Victoria and Matthew E. Brashears. 2025. "Homo Mendax: The Role of Deception in Social Life." in the *Edward Elgar Handbook of Social Psychology*, Lisa Slattery Walker and Gretchen Peterson eds

Brashears, Matthew E. 2023. "Review: Conceptualizing and Modeling Relational Processes in Sociology: Introducing Disjointed Fluidity." *Contemporary Sociology*, 53: 57-58.

Brashears, Matthew E. and Victoria Money. 2023. "Social Networks and Cognition" in *SAGE Handbook of Social Network Analysis 2/e*, Peter Carrington, John Scott and John McLevey eds. SAGE: Newbury Park, CA.

An, Weihua, Matthew E. Brashears and Cathryn Johnson. 2020. "The Nearness between Us, and the Space within Ourselves: Introduction to the Special Issue on Social Networks and Social Psychology." *Social Psychology Quarterly*, 83: 315-318.

Brashears, Matthew E. and Eric Gladstone. 2020. "Social Network Experiments." *The Oxford Handbook of Social Network Analysis,* James Moody and Ryan Light (eds.), New York, NY: Oxford University Press

Brashears, Matthew E. 2019. "Important Discussions: Planned, Unplanned, and Even Unremembered." *Contemporary Sociology,* 48: 377-381.

Brashears, Matthew E., Melvin Konner, Christian Madsbjerg, Laura McNamara, & Katie Sieck. 2019. "Moving Social-Behavioral Modeling Forward: Insights from Social Scientists." in *Social-Behavioral Modeling for Complex Systems,* Paul K. Davis and Angel O'Mahoney (eds). Pgs. 263-278. Wiley: Hoboken, NJ.

O'Mahoney, Angela, Paul K. Davis, Scott Appling, Matthew E. Brashears, Erica Briscoe, Kathleen M. Carley, Joshua M. Epstein, Luke J. Matthew, Theodore P. Pavlic, William Rand, Scott Neal Reilly, William B. Rouse, Samarth Swarup, Andreas Tolk, Raffaele Vardavas, and Levent Yilmaz. 2019. "Moving Social-Behavioral Modeling Forward." in *Social-Behavioral Modeling for Complex Systems,* Paul K. Davis and Angel O'Mahoney (eds). Pgs. 753-788. Wiley: Hoboken, NJ.

Brashears, Matthew E. 2017. "Review: Understanding Dark Networks: A Strategic Framework for the Use of Social Network Analysis." *Contemporary Sociology*, 46: 420-421.

Wang, Cheng, Michael Genkin, George Berry, Liuyuan Chen and Matthew E. Brashears.

2015. “Blaunet: Calculate and analyze Blau statuses for measuring social distance.” V2.0.1 *Package for the R programming environment.* Available for download from: http://cran.r-project.org/web/packages/Blaunet/index.html

Brashears, Matthew E. 2015. “Review: Disciplining Terror: How Experts Invented ‘Terrorism’.” *Contemporary Sociology,* 44: 420-422.

Brashears, Matthew E. 2014. “Review: Exponential Random Graph Models for Social Networks: Theory, Methods, and Applications.” *Contemporary Sociology,* 43: 552-553.

Brashears, Matthew E. 2013. “Review: Social Influence Network Theory.” *Journal of Mathematical Sociology* 37: 192-193.

Brashears, Matthew E. 2010. “What Gordon Gekko Didn’t Know.” *Sociological Forum,* 25: 607-608.

McPherson, J. Miller, Lynn Smith-Lovin and Matthew E. Brashears. 2008. “Erratum to Social Isolation in America: Changes in Core Discussion Networks over Two Decades.” *American Sociological Review.* 73: 1022.

Grants, Honors, and Awards:

“Functional Architecture Based Code Development.” (With various collaborators), Defense Threat Reduction Agency (Total grant: $10,000,000; USC: $495,168), July 2025-July 2030.

“Simulating and predicting social behavior from exposure and interaction with similar others: A data collection initiative and model advancement project.” Army Research Office (Total grant: $190,146), November 2023 to May 2025.

“Modeling Human-Infrastructure Interactions Following Nuclear Detonations.” (With various collaborators), Defense Threat Reduction Agency (Total grant: $4,000,000; USC: $400,125), July 2021-January 2025.

“Teaching Toward Inclusive Excellence Certificate.” Center for Teaching Excellence, University of South Carolina, September 2019.

“The Whole Earth Book Catalog.” (Colin Wilder & John Rose, Co-PIs), ASPIRE II Award, University of South Carolina (Total grant: $85,037), May 2019 to August 2021.

“Near Real Time Assessment of Emergent Complex Systems of Confederates.”

(Kathleen Carley, Co-PI), Multi-disciplinary University Research Initiative (MURI) award, Office of Naval Research, (Total grant: $4,495,532; USC: $266,644), September 2017-November 2022.

"Beyond the Cultural Horizon: Mapping Relational Norms Within Social Networks." (David Lazer, Co-PI), Army Research Institute, (Total grant: $1,049,938; USC: $520,218), September 2016-May 2021.

"Testing the Effects of Error and Error Correction in Human Social Networks." Army Research Office Short-Term Innovative Research (STIR) Grant, Proposal #66287-CS-II ($49,918), August 2014-June 2015. Sole P.I.

"Best Paper Prize" Academy of Management, 2014, for "Innovation from Imitation: Error Correction in Networks Reduces Accuracy and Promotes Innovation."

"Uncovering and Penetrating CBRN Networks: A General Methodology for Mapping Covert Networks." Option Years Award for Defense Threat Reduction Agency grant HDTRA1-10-1-0043 ($629,020), Spring 2014 – Fall 2017. Sole P.I.

"Teaching Scholar Certificate." Cornell Center for Teaching Excellence. July 2013.

"Young Faculty Course Design Institute." Cornell Center for Teaching Excellence. ($1,000). December 3-4, 2012.

"Cognition and Social Network Structure." National Science Foundation Proposal #1059282 ($142,156), April 2011 - December 2014. Sole P.I.

"Uncovering and Penetrating CBRN Networks: A General Methodology for Mapping Covert Networks." Defense Threat Reduction Agency grant HDTRA1-10-1-0043 ($796,728), Fall 2010 - Spring 2014. Sole P.I.

"Weighing a Tie: Assessing Inaccuracies in the 2004 General Social Survey Network Items". Time-sharing Experiments for the Social Sciences. Spring 2010. Sole P.I.

"William K. Bunis Award for Excellence in Undergraduate Instruction**."** University of Arizona Department of Sociology. Spring 2005.

"Distinguished Graduate Student Paper Award." Pacific Sociological Association. 2004, for "Gender and Homophily: Differences in Male and Female Association in Blau Space."

"Graduate Student Paper Award." Social Psychology Section of the American Sociological Association. 2004, for "Gender and Homophily: Differences in Male and Female Association in Blau Space."

Invited Talks

"Wilde's Dilemma." NYU- Abu Dhabi Information Management Workshop, October 29, 2024.

"Going Crazy and Getting Sane: Progress in Social Ecology Models for Organizations." Neoma Business School, Paris, France (via Zoom), May 21, 2021.

"The Siren Song of So-Called Evidence: Why the Evidence of Social Ecology Models is Not as Strong as we Think." Michigan State University, Department of Social Psychology (via Zoom), December 4, 2020.

"The Siren Song of So-Called Evidence: Why the Evidence of Social Ecology Models is Not as Strong as we Think." Amsterdam Center for Inequality Studies (AMCIS) Seminar Series, University of Amsterdam, February 13, 2020.

"Error correction mechanisms improve the ability of replicators to reach peaks in a fitness landscape." Department of Sociology, University of British Columbia, February 6, 2020.

"Improving Ecological Models for the Study of Network Phenomena." Annenberg School of Communication and Journalism, University of Southern California, November 28, 2018.

"Wilde's Dilemma: The Role of Deception in Social Networks." 9th ANN/SONIC/NICO Network Theory Workshop *Brain Science and Social Networks*, Northwestern University, October 26, 2018.

"Social Isolation: Perceptions and Realities." *All Boats Rise Workshop*, Amazon.com Headquarters, Seattle, WA, October 17, 2018.

"Error Correction Mechanisms in Social Networks: Implications for a General Theory of Replicators." SONIC Speaker Series, Northwestern University, May 14, 2018.

"Humans Use Compression Heuristics to Improve the Recall of Social Networks." Institute for Mind and Brain, University of South Carolina, April 3, 2018.

"Causal Robustness in Social Science Modeling." Current Challenges in Computing (CCubed) Conference. Napa Valley, CA, April 12, 2017.

"SocialSens: Overt vs. Covert." SocialSens Workshop, Cyber-Physical Systems Week 2017, Pittsburgh, PA, April 21, 2017.

"In the Organization's Shadow: Organizational Competition and Behavioral Contagion." U.S. Space and Naval Warfare Systems Center Atlantic, March 10, 2017.

"Compression Heuristics Influence Human Network Recall." Ego Networks in the Era of Network Science Invited Conference, Radcliffe Institute for Advanced Study, Harvard University, November 3, 2016.

"Compression Heuristics and Human Social Network Recall". Winer Conference on Network Science in Cognitive Structures, Purdue University, Department of Psychology, October 9, 2016.

"Error Correction Mechanisms in Social Networks Can Reduce Accuracy and Encourage Innovation." Purdue University, Department of Sociology, October 7, 2016.

"Error Correction Mechanisms in Social Networks Can Reduce Accuracy and Encourage Innovation." Multilayer Networks Conference, University of California-Davis, May 21, 2016.

"The Enemy of my Friend is Easy to Remember: Balance Theory and the Cognitive Representation of Social Networks." Universiteit Utrecht, Department of Sociology, March 10, 2016.

"The Enemy of my Friend is Easy to Remember: Balance Theory and the Cognitive Representation of Social Networks." Laboratory for the Study of Social Interaction Speaker Series, University of Georgia, October 2, 2015.

"Social Networks, Innovation, and Business Performance." Corning Cable Systems, Hickory, NC, April 30, 2015.

"Error Correction Mechanisms in Social Networks Can Reduce Accuracy and Encourage Innovation." University of South Carolina, Department of Sociology, February 27, 2015.

"Error Correction Mechanisms in Social Networks Can Reduce Accuracy and Encourage Innovation." Stanford University, Graduate School of Business, January 28, 2015.

"Social Networks, Compression Heuristics, and the Evolution of Human Intelligence." The Ohio State University, Department of Sociology, January 14, 2015.

"Social Networks, Compression Heuristics, Sex, and the Evolution of Human Intelligence." University of Nebraska- Lincoln, Department of Sociology, October 10, 2014.

"Social Networks, Compression Heuristics, and the Evolution of Human Intelligence." Boston-Cambridge Colloquium on Complexity and Social Networks, Northeastern University, September 18, 2014.

"Uncovering and Penetrating CBRN Networks: A General Methodology for Mapping

Covert Networks." Defense Threat Reduction Agency, Washington, D.C., January 23, 2014.

"Uncovering and Penetrating CBRN Networks: A General Methodology for Mapping Covert Networks." Judith Reppy Institute for Peace and Conflict Studies, Cornell University, October 25, 2012.

"Uncovering and Penetrating CBRN Networks: A General Methodology for Mapping Covert Networks." U.S. Special Operations Command, May 30, 2012.

"Weak Ties: Problems and Possibilities." Duke Weak-Ties Workshop, Duke University, December 1, 2011.

"Networks, Discussion and Resources." Center for the Study of Economy and Society, Cornell University, December 2, 2010.

"Anomia and the Sacred Canopy." Distinguished Lecture Series, Auburn Correctional Facility, March 25, 2010.

"Picking, Choosing, Accepting, Changing: The Dynamics of Network Structure and Content." Cornell University, Department of Sociology, November 29, 2007.

"Picking, Choosing, Accepting, Changing: The Dynamics of Network Structure and Content." Michigan State University, Department of Sociology, November 2, 2007.

"Picking, Choosing, Accepting, Changing: The Dynamics of Network Structure and Content." Yale University, Department of Sociology, February 2007.

Recent Presentations at Professional Meetings:

"Error Correction Mechanisms Accelerate Hill Climbing in a Fitness Landscape." (With Jose Ferrer and Eric Gladstone). Annual Meeting of the International Network for Social Network Analysis, June 29, 2025.

"Improvements in Blau Space Modeling: Simulating Social Ecologies and Predicting Future States." (With Gage Pierce and Nicolas Harder). Annual Meeting of the International Network for Social Network Analysis, June 30, 2025.

"Functional Specificity, Topic, and Resource Availability in Ego Networks of Disclosure and Deception." (With Victoria Money and Gage Pierce). Annual Meeting of the International Network for Social Network Analysis, June 29, 2025.

"Participating Alone: Modeling Civic Participation and Support for Political Violence."

(With Nicolas Harder and Victoria Money). Annual Meeting of the International Network for Social Network Analysis, June 30, 2023.

"Multiplexity and Leaky Pipes: The effect of agentic holes on information flow." (With Victoria Money). Annual Meeting of the International Network for Social Network Analysis, June 30, 2023.

"Wilde's Dilemma: The Role of Deception in Social Networks." (With Victoria Money and Gage Pierce). Annual Meeting of the International Network for Social Network Analysis, June 29, 2023.

"Participating Alone: Modeling Civic Participation and Support for Political Violence." (With Nicolas Harder and Victoria Money). Annual Meeting of the International Network for Social Network Analysis, June 30, 2023.

"Multiplexity and Leaky Pipes: The effect of agentic holes on information flow." (With Victoria Money). Annual Meeting of the International Network for Social Network Analysis, June 30, 2023.

"Wilde's Dilemma: The Role of Deception in Social Networks." (With Victoria Money and Gage Pierce). Annual Meeting of the International Network for Social Network Analysis, June 29, 2023.

"Sex, Networks, and Structural Holes: Recall and Usage." (With Eric Quintane and Helena Gonzalez-Gomez). Annual Meeting of the Academy of Management, August 9, 2022.

"Tension, Constraint, and Action: How Affect Control Shapes Interpersonal Relations in Groups." (With Laura Aufderheide Brashears and Craig Rawlings). Annual Meeting of the American Sociological Association, August 7, 2022.

"Sex, Networks, and Structural Holes: Recall and Usage." (With Eric Quintane and Helena Gonzalez-Gomez). Annual Meeting of the International Network for Social Network Analysis, July 13, 2022.

"Gender and Networks: Network Perception, Network Usage, and Risk Aversion." (With Eric Quintane and Helena González-Gómez). Academy of Management Annual Meeting, July 31, 2021.

"A permutation test for ecological competition." (With Jingwen "Zoe" Zhong). Annual Meeting of the International Network for Social Network Analysis, June 23, 2019.

"Visual Vignettes for Cross-National Research." (With Matthew Facciani). 2019. Group Processes Conference, August 9, 2019.

"From curves to grids: New directions in the simulation and analysis of Blau space."

(With Nicolas Harder). Annual Meeting of the International Network for Social Network Analysis, June 21, 2019.

"Where you are, what you want, and what you can do: The role of master statuses, personality traits, and social cognition in shaping ego network size, structure, and composition." (With Laura Aufderheide Brashears and Nicolas Harder). Annual Meeting of the International Network for Social Network Analysis, June 19, 2019.

"How Culture Influences Our Judgement of Social Scenarios." (With Matthew Facciani). Group Processes Conference, August 10, 2018.

"A Mechanistic Model of Human Recall of Social Network Structure and Relationship Affect." (With Elisa Omodei and Alex Arenas). Annual Meeting of the International Network for Social Network Analysis, June 28, 2018.

"Negligible Connections? The Role of Familiar Others in the Diffusion of Smoking Among Adolescents." (With Chan Suh and Yongren Shi). American Sociological Association Annual Meeting, August 13, 2017.

"Tension, Constraint, and Action: An ACT Model Examining Behavioral vs. Cognitive Change." (With Laura Aufderheide Brashears and Craig Rawlings). Group Processes Mini-Conference, August 11, 2017,

"Dimensional Analysis in Blau Space Models: Preliminary Report." Southeastern Sectional Meeting of the American Mathematical Society, March 12, 2017.

"The Ecology of Scientific Production: Modeling Competitive Dynamics Among Sociology Journals." (With Fedor Dokshin). Annual Meeting of the International Network for Social Network Analysis (INSNA), April 8, 2016

"The Enemy of My Friend is Easy to Remember: Balance as a Compression Heuristic." (With Laura Aufderheide Brashears). Annual Meeting of the International Network for Social Network Analysis (INSNA), April 8, 2016.

"Missed Connections? Social Similarity and the Diffusion of Smoking Among Adolescents." (With Chan Suh & Yongren Shi). Annual Meeting of the International Network for Social Network Analysis (INSNA), April 6, 2016.

"The Weakness of Tie Strength." (With Eric Quintane). American Sociological Association Annual Meeting, August 25, 2015.

"Differentiating Structural and Preferential Homophily." (With Antonio Sirianni). Annual Meeting of the International Network for Social Network Analysis (INSNA), June 26, 2015.

"Can Group-level Norms Predict Changes in Future Attitudes?" (With Mario Molina).

Annual Meeting of the International Network for Social Network Analysis (INSNA), June 25, 2015.

Editorial Activity:

Editorial Board Member, *American Sociological Review*, August 2024-Present.

Co-Editor, (with Elisa Bienenstock), *Edward Elgar Handbook of Mathematical Sociology*. In progress.

Editorial Board Member, Oxford University Press "Social Network Mechanisms" book series (Ronald S. Burt and Mario Luis Small eds.) 2022-Present.

Special Issue Co-Editor (With Cathy Johnson and Weihua An), "Social Networks and Social Psychology." Appearing in *Social Psychology Quarterly*, December 2020.

Co-Editor (With Brent Simpson), *Social Psychology Quarterly*, August 1, 2017-August 1, 2020.

Editorial Board Member, *American Sociological Review*, January 2017-January 2018

Editorial Board Member, *Social Psychology Quarterly.* January 2014-January 2017.

Professional Service:

Co-Organizer (With Neha Gondal), Mathematical Sociology Section Flash Talk Session, American Sociological Association Annual Meeting, August 11, 2025

Organizer, Regular Session on Experimental and Applied Social Research, American Sociological Association Annual Meeting, August 9, 2025

Department Chair, Sociology Department, University of South Carolina, Summer 2023-Summer 2029

Chair, Nomination Committee of the American Sociological Association Social Psychology Section, 2023-2024

Past-Chair, American Sociological Association Social Psychology Section, 2023-2024

Panelist, National Science Foundation Human Networks and Data Science Program, Fall 2022.

Search Committee Chair, Sociology Department, University of South Carolina, 2022-2023.

Chair, American Sociological Association Social Psychology Section, 2022-2023.

Committee Chair, ASA Mathematical Sociology Section Distinguished Graduate Student Paper Award, 2022.

Member, Associate Dean for Research and Graduate Students Search Committee, UofSC College of Arts and Sciences, 2022.

Chair-Elect, American Sociological Association Social Psychology Section, 2021-2022.

Search Committee Chair, Sociology Department, University of South Carolina, 2021-2022.

Graduate Program Director, Sociology Department, University of South Carolina, 2020-2023.

ASA Mathematical Sociology Section Council. 2020-2023.

Committee Member, INSNA Best Student Paper Award Committee, 2020.

Invited Participant, Personal Networks: Frontiers of Ego-Network Analysis Workshop, Kellogg School of Management, September 26-27, 2019.

ASA Evolution, Biology and Society Section Council. 2019-2022.

Workshop Leader (with Diego Leal Castro), "Social Network Analysis", *Digital Humanities Tools Workshop Series*, Center for Digital Humanities, University of South Carolina, April 12, 2019.

Technical Program Chair, SocialSens Workshop, Cyber-Physical Systems Week 2019, Montreal, CA, Spring 2019.

Member, External Review Committee, Department of Sociology, University of South Carolina, 2018-2019

Member, Bridge Humanities Corps Selection Committee, College of Arts and Sciences, University of South Carolina, Spring 2018

Program Committee. SocialSens Workshop, Cyber-Physical Systems Week 2018, Orlando, FL, April 17, 2018.

Search Committee Chair, Sociology Department, University of South Carolina, 2017-

2018.

Member, National Academies of Sciences, Engineering and Medicine Decadal Survey of Social and Behavioral Sciences for Applications to National Security's Steering Committee on Understanding Networks for National Security Purposes. 2017

Invited Participant, Priority Challenges for Social and Behavioral Modeling Workshop, RAND Corporation and the Defense Advanced Research Projects Agency (DARPA), 2017.

ASA Social Psychology Section Council. 2016-2019

Member, SPARC Graduate Research Grant Review Committee. 2015-2016.

Board of Visitors, Army Research Office, Computational Sciences Division Program Review. 2014.

Organizer for Regular Session "Mathematical Sociology." American Sociological Association Annual Meetings. San Francisco, CA. August 18, 2014.

Committee Chair, ASA Mathematical Sociology Section Dissertation Award Committee, 2014.

Invited Participant, National Science Foundation Cyber Security Working Group. 2013.

Committee Chair, ASA Mathematical Sociology Section Faculty Paper Award Committee, 2013.

Committee Member, ASA Social Psychology Section Graduate Student Paper Award Committee. 2013.

Board of Visitors, Army Research Office, Computational Sciences Division Program Review. 2012.

Director, Social Science Research Laboratory. 2008-2016

Mathematical Sociology Section Council. 2011-2014

Organizer for Mathematical Sociology Section Panel "Mathematical Sociology at Key Intersections of the Discipline." American Sociological Association Annual Meetings. Atlanta, Georgia. August 14-August 17, 2010.

Webmaster for the Cornell University Department of Sociology. 2010-2016

Webmaster for the Mathematical Sociology Section. 2008-2020.

Organizer for Panel on Quantitative Sociology. Pacific Sociological Association Annual Meetings. Portland, Oregon. April 7-April 10, 2005.

Dissertations Supervised:

-Michael Genkin, Ph.D. 2014 (Co-chair with Michael Macy)
-Matthew Facciani, Ph.D. 2020
-Joseph Padgett, Ph.D. 2022
-Jingwen "Zoe" Zhong, Ph.D. 2024
-Nicolas Harder, Ph.D. 2025
-Victoria Money, Ph.D. 2025
-Chang-Yi Lin (Ongoing)
-Gage Pierce (Ongoing)

Master's Degrees Supervised:

-Kristen Koch, M.A., 2015
-Matthew Facciani, M.A. 2017
-Jingwen "Zoe" Zhong, M.A., 2017
-Nicolas Harder, M.A. 2018 (Co-chair with Barry Markovsky)
-Victoria Money, M.A. 2020 (Co-chair with Laura Aufderheide Brashears)
-Gage Pierce, M.A., 2025

Courses Taught:

Undergraduate:

- Real World Research Experience
- Evaluating Statistical Evidence
- Social Research Methods
- American Community and Society
- Introduction to Sociology
- Covert Social Networks
- Social Structure and Communities
- Introduction to Sociological Theory

Graduate:

- Social Network Theory
- Methods for Social Network Analysis
- Introduction to Statistical Analysis
- Introduction to Statistical Analysis II

Reviewer:

Science, Nature Human Behavior, Complexity, American Sociological Review, American Journal of Sociology, Administrative Science Quarterly, Social Forces, Social Networks, Network Science, Social Psychology Quarterly, Sociological Methodology, Management Science, Organization Science, Journal of Health and Social Behavior, PLOS ONE, Complexity, Evolution and Human Behavior, Current Directions in Psychological Science, Adaptive Human Behavior and Physiology, American Journal of Preventative Medicine, Social Science Research, Rationality and Society, Journal of Research on Adolescence, Journal for the Scientific Study of Religion, The Sociological Quarterly, The Sociological Forum, Acta Sociologica, Qualitative Sociology, Field Methods, Networks and Spatial Economics, British Journal of Sociology, Psychometrika, Journal of Urban Affairs, Oxford University Press, National Science Foundation, Netherlands Organization for Scientific Research, Army Research Office, Defense Threat Reduction Agency, Israel Science Foundation, Swiss Science Foundation, Russell Sage Foundation

Professional Associations:

-American Sociological Association. 2001-Present
-Sociological Research Association. 2025-Present
-International Network for Social Network Analysis. 2002-Present
-Sigma Xi Scientific Research Honor Society. 2026-Present
-Fellow, Center for Social Complexity, George Mason University. 2025-Present
-Affiliate, Institute for Mind and Brain, University of South Carolina. 2016-Present
-Mathematical Sociology Section of the American Sociological Association. 2002-Present
-Social Psychology Section of the American Sociological Association. 2004-Present
-Order of the Occult Hand. 2017-Present

References:

Available upon request.