

August 2023

ERIN LEAHEY

School of Sociology
University of Arizona

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Academic Positions

Professor of Sociology, University of Arizona, 2015 -
Associate Professor of Sociology, University of Arizona, 2008 - 2015
William Bentinck-Smith Fellow, Radcliffe Institute for Advanced Study, Harvard
University, 2008 - 2009
Assistant Professor of Sociology, University of Arizona, 2002 - 2008

Administrative Positions

Director, School of Sociology, University of Arizona, 2018-

Education

Ph.D. University of North Carolina at Chapel Hill – Sociology. 2002.
Dissertation: “The Role of Hierarchy in Shaping Research Practice.”
Doctoral exams: Social Stratification (*with distinction*) and Quantitative Methods
M.A. University of Massachusetts at Amherst – Sociology (*with distinction*). September 1997.
B.A. Wellesley College – Sociology (*cum laude*). May 1992.

Research Interests

Science & Innovation; Research Methods; Higher Education; Work, Organizations, &
Professions; Gender

Professional Highlights

Honorary Associations
Sociological Research Association, elected in 2018
Fellowships
Radcliffe Institute for Advanced Study, Harvard University, 2008-2009.
Fulbright-Schuman Innovation Award, Leiden University, 2023-24.
Section Offices [*elected*], American Sociological Association:
Council member, Organizations, Occupations, and Work, 2009-12

Council member, Science, Knowledge, & Technology, 2013-16
Council member, Methodology, 2015-17
Secretary/Treasurer, Methodology, 2017-2020
Chair Elect, Methodology, 2021-2023
Chair, Methodology, 2023-2025

Editorial Boards:

American Sociological Review, 2010-12
Social Forces, 2009-15
Sociological Methodology, 2013-2016, 2021-23
Journal of Higher Education, 2013-2020
Sage Publications' *Quantitative Applications in the Social Sciences*, 2017-present
Sociological Science [Consulting Editor], 2017-present

Advisory Boards:

Centre for Integrated Research on Culture and Society (CIRCUS), Uppsala University, Sweden. 2020-2023
Institute for Research on Innovation & Science (IRIS), University of Michigan. 2017-present
Digital Archive Advisory Committee, American Sociological Association. 2015-present
University of Arizona NSF ADVANCE program, 2006-13
University of San Diego NSF ADVANCE program, 2011-16

Developer and Organizer:

Arizona Methods Workshops, University of Arizona, 2011-2019

Peer-Reviewed Articles

Leahey, Erin, Jina Lee, and Russell J. Funk (2023). "What Types of Novelty are Most Disruptive?" *American Sociological Review* 88(3): 562–597.

Park, Michael, Erin Leahey, and Russell J. Funk (2023). "Papers and Patents are Becoming Less Disruptive over Time." *Nature* 613 (7942): 138–144.

- ❖ El Pais (Spain)
<https://elpais.com/ciencia/2023-01-04/publicar-o-perecer-el-conocimiento-cientifico-se-expande-pero-la-innovacion-disruptiva-se-estanca.html>
- ❖ Science Media Centre (Spain)
<https://sciencemediacentre.es/en/reaction-scientific-innovation-less-and-less-disruptive>
- ❖ Nature news
<https://www.nature.com/articles/d41586-022-04577-5>
- ❖ Science
<https://www.science.org/content/blog-post/decline-scientific-innovation>
- ❖ The Economist
<https://www.economist.com/science-and-technology/2023/01/04/papers-and-patents-are-becoming-less-disruptive>

- ❖ The Telegraph (U.K.)
<https://www.telegraph.co.uk/news/2023/01/04/major-scientific-breakthroughs-have-ground-halt-study-finds/>
- ❖ Times Higher Education
<https://www.timeshighereducation.com/news/pace-scientific-progress-slowng>
- ❖ Science Alert
<https://www.sciencealert.com/innovation-in-science-is-on-the-decline-and-were-not-sure-why>
- ❖ IEEE Spectrum
<https://spectrum.ieee.org/disruptive-technology>
- ❖ Spiegel (Germany)
https://www.spiegel.de/wissenschaft/technik/wissenschaft-immer-weniger-bahnbrechende-forschung-war-s-das-mit-grossen-erkenntnissen-a-e2a7d905-d212-4de1-bbcf-e5efccc044f7?d=1673717243&sara_ecid=soci_upd_wbMbjhOSvViISjc8RPU89NcCvtlFcl
- ❖ New York Times
<https://www.nytimes.com/2023/01/17/science/science-breakthroughs-disruption.html>

Wu, Lingfei, Aniket Kittur, Hyejin Youn, Staša Milojević, Erin Leahey, Stephen M. Fiore, Yong Yeol Ahn (2022). "Metrics and Mechanisms: Measuring the Unmeasurable in the Science of Science." *Journal of Informetrics* 16(2), pp. 1751-1577.
<https://doi.org/10.1016/j.joi.2022.101290>

Lee, Jina, Minjae Seo, and Erin Leahey (2022). "Who Deserves Protection? How Naming Potential Beneficiaries Influences COVID-19 Vaccine Intentions." *Socius*.
<https://doi.org/10.1177/23780231221082422>

Edward J. Hackett, Erin Leahey, John N. Parker, Ismael Rafols, Stephanie Hampton, Ugo Corte, John M. Drake, Bart Penders, Laura Sheble, Niki Vermeulen, Todd Vision (2021). "Do Synthesis Centers Synthesize? A Semantic Analysis of Diversity in Research Output." *Research Policy* 50(1) <https://doi.org/10.1016/j.respol.2020.104069>

Barringer, Sondra, Erin Leahey, and Karina Salazar (2020). "What Catalyzes Universities' Commitment to Interdisciplinary Research?" *Research in Higher Education* 61: 679–705.
<https://doi.org/10.1007/s11162-020-09603-x>

- ❖ Highlighted in University of Bristol's *Transforming Society* blog.
<https://www.transformingsociety.co.uk/2021/09/09/interdisciplinary-research-in-the-usa-how-committed-are-universities/>

Leahey, Erin, and Sondra N. Barringer (2020). "Universities' Commitment to Interdisciplinary Research: To What End?" *Research Policy* 49(2): 103910.
<https://doi.org/10.1016/j.respol.2019.103910>

Koppman, Sharon, and Erin Leahey (2019). "Who Moves to the Methodological Edge? Factors that Encourage Scientists to Use Unconventional Methods." *Research Policy* 48(9):

103807. <https://doi.org/10.1016/j.respol.2019.103807>

- ❖ Highlighted in LSE's *The Impact Blog*. 15 November 2019.
<https://blogs.lse.ac.uk/impactofsocialsciences/2019/11/15/pushing-research-to-the-limit-who-innovates-in-social-science-research/>

Leahey, Erin, Sondra Barringer, and Misty Ring-Ramirez (2019). "Universities' Structural Commitment to Interdisciplinary Research" *Scientometrics* 118(3): 891-919.
<https://doi.org/10.1007/s11192-018-2992-3>

Leahey, Erin (2018). "The Perks and Perils of Interdisciplinary Research." *European Review* 26 (S2), pp S55-S67.

Nielsen, Mathias W., Sharla Alegria, Love Börjeson, Henry Etzkowitz, Holly J. Falk-Krzesinski, Aparna Joshi, Erin Leahey, Laurel Smith-Doerr, Anita Williams Woolley, and Londa Schiebinger (2017). "Gender Diversity Leads to Better Science." *Proceedings of the National Academy of Sciences* 114(8): 1740–1742. <https://www.pnas.org/content/114/8/1740>

Leahey, Erin, Christine Beckman, and Taryn Stanko (2017). "Prominent but Less Productive: The Impact of Interdisciplinarity on Scientists' Research." *Administrative Science Quarterly* 62(1): 105-139.

- ❖ Highlighted in *Chronicle of Higher Education*, 13 March 2016. "The Promise and Peril of Cluster Hiring" by Beth McMurtrie.
- ❖ Highlighted in The ASQ Blog. 25 January 2017.
<https://asqblog.com/2017/01/25/leahey-beckman-stanko-2016/>
- ❖ Highlighted in LSE's *The Impact Blog*. 19 January 2017.
<http://blogs.lse.ac.uk/impactofsocialsciences/2017/01/19/interdisciplinary-research-may-lead-to-increased-visibility-but-also-depresses-scholarly-productivity/>
- ❖ Highlighted in BizEd. 1 May 2017.
<http://bized.aacsb.edu/articles/2017/05/risks-rewards-of-crossing-disciplines>

Leahey, Erin (2016). "From Solo Investigator to Team Scientist: Trends in the Practice and Study of Research Collaboration." *Annual Review of Sociology*, 42: 81-100.

Koppman, Sharon, Cindy L. Cain, and Erin Leahey (2015). "The Joy of Science: Diversity in Emotional Expression." *Science, Technology, and Human Values* 40(1):30-70.

Cain, Cindy L., and Erin Leahey (2014). "Cultural Correlates of Gender Integration in Science." *Gender, Work, & Organization* 21(6): 516-530.

- ❖ Highlighted in *Nature* Vol. 516 p. 279, December 2014

- Leahey, Erin, and James Moody (2014). "Sociological Innovation through Subfield Integration." *Social Currents* 1(3): 228-256.
- Leahey, Erin, and Cindy L. Cain (2013). "Straight from the Source: Accounting for Scientific Success." *Social Studies of Science* 43(6): 927-951.
- Leahey, Erin, and Laura A. Hunter (2012). "Lawyers' Lines of Work: The Role of Specialization in the Income Determination Process." *Social Forces* 90(4):1101-1132.
- Hunter, Laura A., and Erin Leahey (2010). "Parenting and Research Productivity: New Evidence and Methods." *Social Studies of Science* 40(3) 433-451.
 ❖ Highlighted in *The Times Higher Education*, 30 September 2010
- Leahey, Erin, Bruce Keith, and Jason L. Crockett (2010). "Specialization and Promotion in an Academic Discipline." *Research in Social Stratification and Mobility* 28(2): 135-155.
- Hunter, Laura A., and Erin Leahey (2008). "Collaborative Research in Sociology: Trends and Contributing Factors." *The American Sociologist*, 39(4):290-306.
- Leahey, Erin (2008). "Overseeing Research Practice: The Case of Data Editing." *Science, Technology, & Human Values*, 33(5): 605-630.
- Leahey, Erin (2008). "Methodological Memes and Mores: Toward a Sociology of Social Research." *Annual Review of Sociology*, 34: 33-53.
- Leahey, Erin, Jason L. Crockett, and Laura A. Hunter (2008). "Gendered Academic Careers: Specializing for Success?" *Social Forces* 86(3): 1273-1310.
 ❖ Highlighted in *The Times Higher Education*, 30 September 2010
- Leahey, Erin and Ryan Reikowsky (2008). "Research Specialization and Collaboration Patterns in Sociology." *Social Studies of Science* 38(3): 425-440.
- Leahey, Erin (2007). "Not by Productivity Alone: How Visibility and Specialization Contribute to Academic Earnings." *American Sociological Review* 72(4): 533-561.
- Leahey, Erin (2007). "Convergence and Confidentiality? Limits to the Implementation of Mixed Methodology." *Social Science Research* 36(1): 149-158.
- Leahey, Erin (2006). "Gender Differences in Productivity: Research Specialization as a Missing Link." *Gender & Society* 20(6): 754-780.

- Leahey, Erin (2006). "Transmitting Tricks of the Trade: Mentors and the Development of Research Knowledge." *Teaching Sociology* 34(2): 93-110.
- Leahey, Erin (2005). "Alphas and Asterisks: The Development of Statistical Significance Testing Standards in Sociology." *Social Forces* 84(1): 1-24.
- Leahey, Erin (2004). "The Role of Status in Evaluating Research: The Case of Data Editing." *Social Science Research* 33(3): 521-537.
- Kurzman, Charles, and Erin Leahey (2004). "Intellectuals and Democratization: 1905-1912 and 1989-1996." *American Journal of Sociology* 109(4): 937-986.
- Leahey, Erin, Barbara Entwisle, and Peter Einaudi (2003). "Diversity in Everyday Research Practice: The Case of Data Editing." *Sociological Methods and Research* 32(1): 64-89.
 ❖ Reprinted in W. Paul Vogt (editor) *Selecting Research Methods*. London: Sage Publications. October 2008. ISBN: 978-1-84787-180-0
- Churchill, Larry R., Daniel K. Nelson, Gail E. Henderson, Nancy M.P. King, Arlene M. Davis, Erin Leahey, Benjamin S. Wilfond (2003). "Assessing Benefits in Clinical Research: Why Diversity in Benefit Assessment Can Be Risky." *IRB: Ethics and Human Research* 25(3): 1-8.
- Leahey, Erin, and Guang Guo (2001). "Gender Differences in Mathematical Trajectories." *Social Forces* 80(2): 713-732.
- Leahey, Erin (2001). "A Help or a Hindrance? The Impact of Job Training on the Employment Status of Disadvantaged Women." *Evaluation Review* 25(1): 29-54.

Book Chapters

- Leahey, Erin, and Amelia Blume (2017). "Elucidating the Gender Divide in Patenting Activity." Chapter 7 (pp. 151-167) in Albert N. Link (ed.) *Gender and Entrepreneurial Activity*. Edward Elgar Publishing.
- McBee, David J., and Erin Leahey (2017). "New Directions in Interdisciplinary Training: Trials and Tribulations." Lead chapter in Scott Frickel, Barbara Prainsack, and Mathieu Albert (Eds.) *Investigating Interdisciplinary Collaboration: Theory and Practice across Disciplines*. Rutgers, NJ: Rutgers University Press.
- Barringer, Sondra, Scott R. Eliason, and Erin Leahey (2013). "A History of Causal Analysis in the Social Sciences" in the *Handbook of Causal Analysis for Social Research* edited by Stephen L. Morgan. Springer, pp. 9-26. http://link.springer.com/chapter/10.1007/978-94-007-6094-3_2
- Leahey, Erin, and Kathleen Montgomery (2011). "The Meaning of Regulation in a Changing

Academic Profession" in Joseph C. Hermanowicz (ed.), *The American Academic Profession: Changing Forms and Functions*. Baltimore: Johns Hopkins University Press.

Invited Publications

Barringer, Sondra, Erin Leahey, Misty Ring-Ramirez, and Karina Salazar (2021).

"Interdisciplinary research in the USA – how committed are universities?" University of Bristol's *Transforming Society* blog.

<https://www.transformingsociety.co.uk/2021/09/09/interdisciplinary-research-in-the-usa-how-committed-are-universities/>

Leahey, Erin (2018). "Science Policy Research Report: Infrastructure for Interdisciplinarity." Policy Report funded by National Science Foundation SciSIP Program, Award #1723536.

Leahey, Erin (2017). "Interdisciplinary research may lead to increased visibility but also depresses scholarly productivity." *LSE Impact Blog*. 23 January 2017

<http://blogs.lse.ac.uk/impactofsocialsciences/2017/01/19/>

Leahey, Erin (2016). "The Perks and Perils of Interdisciplinary Research." Essay written for the Social Science Research Council's online *Items* series.

<http://items.ssrc.org/the-perks-and-perils-of-interdisciplinary-research/>

Leahey, Erin (2013). "No Decline, just Loss of Dominance: A Prompt to Worry (a bit) and Ask Why." Lead review on symposium about Yu Xie and Alexandra Killewald's *Is American Science in Decline?* Harvard University Press 2012. *Contemporary Sociology* 42(6): 790-92.

Leahey, Erin (2012). "Shaping Scientific Work: The Organization of Knowledge Communities." Paper commissioned by the National Academies of Science for NSF Science of Science and Innovation Policy (SciSIP) program workshop, Washington, DC, September 2012.

Leahey, Erin (2011). "Quantitative Methods in Sociological Research." Oxford Bibliographies Online. New York: Oxford University Press.

Moody, James, and Erin Leahey (2007). "Network Foundations for the Diffusion of Innovations." Pp. 171-177 in Roberta Spalter-Roth, Norman Fortenberry, and Barbara Lovitts (eds.) *The Acceptance and Diffusion of Innovation: A Cross-Disciplinary Approach to Instructional and Curricular Change in Engineering*. Washington, DC: American Sociological Association.

Leahey, Erin (2007). Review of *The New Political Sociology of Science: Institutions, Networks, and Power*. Scott Frickel and Kelly Moore, editors. University of Wisconsin Press, 2006.

American Journal of Sociology, 113(1): 262-4.

Leahey, Erin (2003). "Dependent Observations." Entry in Michael Lewis-Beck, Alan Bryman, and Tim Futing Liao (editors) *Encyclopedia of Social Science Research Methods*. Sage Publications.

Leahey, Erin (1997). "Probabilities of Marriage among Older Women and Economic Consequences of Divorce." Entry in Douglas Anderton, Richard Barrett, and Donald Bogue, *Population in the United States*, 3rd Edition. New York: The Free Press.

External Grants

- Fulbright-Schuman Innovation Award (€30,000). "How Science Policy Shapes the Nature of Scientific Work: A Comparison of the European Union and United States." 2023-24.
- Arizona State University Humility in Inquiry Project funded by the John Templeton Foundation (\$205,214). PI with Co-PIs Sarah Bratt and Charles J. Gomez. "Developing a Text-based Measure of Humility in Inquiry and Examining Contextual Effects." 2023-25.
- LSST Corporation (\$305,000). PI on grant to cover costs of three-year Catalyst Fellowship for Dr. Timothy Sacco. 2023-2026.
- LSST Corporation (\$239,882). PI on "Studying the Templeton LSST Early-Career Research Fellowship." 2023-2026.
- National Science Foundation Division of Mathematical Sciences (\$1,500,069). Program Evaluator on "Mathematical Connectivity through Research and Equity for Women," (award #2113506) to the Association for Women in Mathematics. 2021-2024.
- National Science Foundation Division of Graduate Education (\$2,999,859). Senior personnel on NRT-URoL: BRIDGES - Building Resources for InterDisciplinary training in Genomic and Ecosystem Sciences (award #2022055). 2020-2025.
- National Science Foundation SciSIP Program (\$266,834). Co-PI with Russell J. Funk (University of Minnesota) on "Collaborative Research: Revisiting the Dynamics of Scientific Influence: Measures and Applications" (award #1829302). 2018-21.
- National Science Foundation SciSIP Program (\$44,571). PI on "Science Policy Research Report: Infrastructure for Interdisciplinarity" (award #1723536). 2017-18.
- National Science Foundation SciSIP Program (\$29,421), PI on David McBee's "Doctoral Dissertation Research: Research Obstacles and Problem Solving in Scientific R&D Teams." 2016-17.
- National Science Foundation ADVANCE Program (\$749,995), Senior Personnel on "AWM ADVANCE: Career Advancement for Women through Research-Focused Networks" (award #1500481) 2015-2020.
- National Science Foundation SciSIP Program (\$270,691), Co-PI on "Collaborative Research: University Commitment to Interdisciplinary Research: Scope, Causes, and Consequences" (award #1461989) with Sondra Barringer. 2015-2018.

- National Science Foundation Sociology Program (\$5,954), PI on Jurgita Abromaviciute's "Doctoral Dissertation Research: Parenting, Partnership Status, and Employment Outcomes." 2014.
- National Science Foundation SciSIP and STS Programs (\$216,076), PI on "Recipes for Scientific Success" (award #1057559) with Co-PI Charles Ragin. 2011-2013.
- National Science Foundation Sociology Program (\$8,025), PI on Sharon Koppman's "Doctoral Dissertation Research: Socialization and Creativity in the Advertising Industry." 2011.
- National Science Foundation Sociology Program (\$9,252), PI on Laura Hunter's "Doctoral Dissertation Research: The Role of Gender in Evaluations of Scientific Competence." 2009.
- ASA Funds for the Advancement of the Discipline Award (\$6,370). Spring 2009.
- National Science Foundation Program in Engineering Education and Centers (\$134,999), Co-PI on Collaborative Research Grant with Maura Borrego (PI) and Jeffrey Floyd (Co-PI). 2008-09.
- ASA Funds for the Advancement of the Discipline Award (\$6,637). Spring 2005.

Internal Grants

- Faculty Small Grant (\$5000). Spring 2022. Arizona.
- Faculty Stipend for New Course Development (\$2000). Summer 2016. Arizona.
- Leveraging Grant (\$1000). Spring 2016. Arizona.
- ConfluenCenter for Creative Inquiry (\$25,000). Spring 2013. Arizona.
- Small Grant for Faculty Research (\$1,500). Fall 2012. Arizona.
- Small Grant for Faculty Research (\$1,500). Spring 2010. Arizona.
- Rogers Program Faculty Research Grant (\$3,000). Spring 2008. Arizona (Law School).
- Academic Year Grant Proposal Development Award (\$4,000). Fall 2006. Arizona.
- Mini Grant for Faculty Research (\$350). Fall 2006. Arizona.
- Small Grant for Faculty Research (\$1,500). Spring 2006. Arizona.
- Prop 301 Information Technology/Information Sciences (\$18,360). Spring 2004. Arizona.
- Mini-Grant for Faculty Research, Spring 2004 (\$745). Arizona.
- Provost's Office Research Career Development Fund (\$8,000), Spring 2004. Arizona.
- Faculty Summer Research Grant Development Stipend (\$5,000). Summer 2003. Arizona.
- Mini-Grant for Faculty Research (\$653). Spring 2003. Arizona.
- Mini-Grant for Faculty Research (\$750). Fall 2002. Arizona.
- Smith Research Grant (\$300). Fall 2001. Graduate School, UNC.
- Institute for Research in Social Science graduate student grant (\$750). Summer 2000. UNC.
- Teaching Assistant Technology Supplement Award (\$1,000). Spring 1998. UNC.

Fellowships and Awards

Faculty

Fulbright-Schumann Innovation Award for sabbatical at Leiden University, 2023-24.

Academy of Management, Technology, Innovation, and Management (TIM) division
 Best Paper Award for “Historical Dynamics of Disruption in Science and
 Technology” with Michael Park and Russell J. Funk. August 2021.
 Sociological Research Association, elected in 2018.
 Social and Behavioral Science Research Institute Professorship, University of Arizona.
 One course teaching release, 2018-19.
 1885 Society of Distinguished Scholars, 2015. College Nominee.
 Annual Graduate Teaching and Mentoring Awards for Graduate Education, 2014-15.
 School of Sociology Nominee.
 Radcliffe Institute for Advanced Study, Harvard University. William Bentinck-Smith
 Fellow, 2008-2009.
 Social and Behavioral Science Research Institute Professorship, University of Arizona.
 One semester teaching release, 2011-2012.
 CSA Sociological Abstracts Discovery Prize, 1st place winner (\$3,000). Spring 2006.

Graduate Student

Graduate Student Paper Award, August 2002. ASA section on the History of Sociology.
 Howard Odum Award. UNC Sociology. Spring 2001.
 Social Forces Associate Editor Award. UNC Sociology. Spring 2000.
 Phi Kappa Phi Academic Honorary Society

Invited Talks & Keynote Addresses

2023 **LCSS/University of Hanover and DZHW** (October)
 "Disruption in Science: Trends, Patterns, and Correlates"
International Conference on the Science of Science & Innovation (June)
 "Illuminating Dark Matter"
Nordic Network for the Science of Science, Odense Denmark (May)
 "What Types of Novelty are Most Disruptive?"
MIT Economic Sociology group (March)
 "What Types of Novelty are Most Disruptive?"
University of Illinois Urbana-Champaign (February)
 "Papers and Patents are Becoming Less Disruptive over Time"

2021 **Leiden University, CWTS** (December)
 "What Types of Novelty are Most Disruptive?"
Network of Inter- and Trans-disciplinary Research Organisations (August)
 "Universities' Commitment to Interdisciplinary Research: Causes and Consequences"
Brown University (March)
 "What Types of Novelty are Most Disruptive?"
University of Arizona (January)
 "What Types of Novelty are Most Disruptive?"

- 2020 **National Academies of Sciences, Engineering, and Medicine.** Implications of Convergence for How the National Center for Science and Engineering Statistics Measures the Science and Engineering Workforce (October)
 “Outcomes and Impacts of Interdisciplinary Research”
UNC Chapel Hill, Department of Sociology (September)
 “What Types of Novelty are Most Disruptive?”
Stanford University, Computational Sociology Workshop (August)
 “What Types of Novelty are Most Disruptive?”
Indiana University, Network Science Institute, CADRE Project (July)
 “What Types of Novelty are Most Disruptive?”
- 2019 **Uppsala University**, Centre for Integrated Research on Culture and Society, workshop on “Why Interdisciplinarity?” Uppsala, Sweden (September)
 Keynote address: “The Contours of Interdisciplinarity”
Social Science Research Center, College for International Education Research International Conference (CIDER). Berlin, Germany (April)
 Keynote Address: “The Impact of Interdisciplinarity on Scientists’ Careers”
- 2018 **University of Arizona**, Computational Social Science Workshop (October)
 “Universities’ Structural Commitment to Interdisciplinary Research”
University of Arizona, Department of Planetary Sciences (August)
 “Studying Scientific Careers”
Loma Linda University Health Collaboration Symposium (May)
 Keynote Address: “Is Interdisciplinary Collaboration Worth the Trouble?”
The National Academies of Science Innovation Policy Forum, “Workshop on Government Decision-Making to Allocate Scientific Resources” (January)
 “Infrastructure for Interdisciplinarity”
- 2017 **The Academia Europaea & Wenner-Gren Foundation** of Stockholm (May)
 “The Perks, Perils, and Precautions of Engaging in Interdisciplinary Research”
Cardiff University, Cardiff Business School (March)
The Innovating University symposium
- 2016 **University of Arizona**, School of Information (February)
 “Investigations in Interdisciplinarity”
Stanford University, Gendered Innovation in Science Workshop (February)
 “How Gender Informs Research Programs & Disciplinary Cultures”
Indiana University, School of Library and Information Science (April)
 “Risk and Reputation: How Professional Classification Signals Drive the Adoption of New Methods”
Leibniz University, German Center for Higher Education Research & Science

- Studies (September)
 Keynote address: "Is Interdisciplinary Collaboration Worth the Trouble?"
University of Georgia, Institute for Higher Education (December)
 "Prominent but Less Productive: The Impact of Interdisciplinarity on Scientists' Careers"
- 2015 **University of Iowa**, Department of Sociology (November)
 "Prominent but Less Productive: The Impact of Interdisciplinarity on Scientists' Careers"
- 2014 **University of California – Riverside**, Department of Sociology (May)
 "The Impact of Interdisciplinarity on Scientists' Careers"
Arizona State University, Center for Organization Research & Design (Nov)
 "University Commitment to Interdisciplinary Research"
- 2013 **University of Chicago**, Booth School of Business (May)
 "The Impact of Interdisciplinarity on Scientists' Careers"
Global Young Academy, Hannover, Germany (May)
 "The Impact of Interdisciplinarity on Scientists' Careers"
- 2012 **Penn State University**, Department of Sociology (October)
 "The Impact of Interdisciplinarity on Scientists' Careers."
- 2010 **Stanford University**, Organizational Behavior Group (May)
 "Sociological Innovation through Subfield Integration"
Cornell University, Department of Sociology (April)
 "Sociological Innovation through Subfield Integration"
Cornell University, ADVANCE program (April)
 "Specialization and Earnings among Academic Biologists"
Boston University, School of Management: NSF-workshop (November)
 "Interdisciplinarity and Career Outcomes: Variation by Gender and Career Stage"
- 2009 **Harvard University**, Culture and Social Analysis Workshop (February)
 "Straight from the Source: How Highly Cited Scientists Explain their Influence"
University of British Columbia, Department of Sociology (January)
 "Lawyers' Lines of Work: The Role of Specialization in Income Determination"
UNC Chapel Hill, Carolina Population Center (January)
 "A Focus on Research Practice: Evaluating and Overseeing Data Editing"
University of Arizona, Department of Sociology (November)
 "Straight from the Source: How Highly Cited Scientists Explain their Influence"
University of Arizona, Rogers College of Law (October)
 "Lawyers' Lines of Work: The Role of Specialization in Income Determination"
- 2008 **UC San Diego**, Department of Sociology (October)

- “Lawyers’ Lines of Work: The Role of Specialization in Income Determination”
Erasmus University, Rotterdam School of Management (December)
 “Sociological Innovation through Subfield Integration”
MIT Sloan School of Management, Organization Studies Group (October)
 “Sociological Innovation through Subfield Integration”
University of Notre Dame, Department of Sociology (November)
 “Sociological Innovation through Subfield Integration”
National Science Foundation, Arlington, VA (February)
 “Linking NSF Scientist & Engineering Data to Patent and Publication Data”
- 2007
Columbia University and the Social Science Research Council (November)
 “Measuring Interdisciplinarity”
Columbia University, NSF ADVANCE (March)
 “Gender Differences in Productivity: Research Specialization as a Missing Link”
- 2006
University of Oregon, Department of Sociology (November)
 “Gender Differences in Productivity: Research Specialization as a Missing Link”
National Science Foundation (October 2006)
 “Specialization and Integration in Publication and Patenting Activity”
University of Washington, Center for Statistics and the Social Sciences (April)
 “Measuring Scientific Innovation and Its Impact”
Duke University, Social Science Research Institute (February)
 “Measuring Scientific Innovation and Its Impact”
North Carolina State University, Department of Sociology (February)
 “Measuring Scientific Innovation and Its Impact”
- 2005
University of Arizona, Department of Sociology (September)
 “Measuring Scientific Innovation and Its Impact”
- 2004
Georgia Institute of Technology, Department of Public Policy (February)
 “Overseeing Data Editing: Diversity, Deference, and the Division of Labor”
- 2003
University of Arizona, Department of Sociology (September)
 “Interaction in Research Settings: A Link between Shared Traits and Research Practices”
- 2002
University of Arizona, Department of Management and Policy (October)
 “Overseeing Data Editing: Diversity, Deference, and the Division of Labor”
- 2001
UNC Chapel Hill, Internet Impact Symposium (March)
 “Designing and Implementing Online Surveys”

Invited Workshops and Panels

“What is a social mechanism? How did you measure it?” Panel organized by Lingfei Wu. Network Science Society. July 16, 2022. Online.

“ASA Digital Archive Data.” Working Group organized by Roberta Spalter-Roth and James Witte. National Science Foundation. June 6-7, 2019. Washington, DC.

“The Perks, Perils, and Precautions of Engaging in Interdisciplinary Research.” Conference titled “Crossing Over to the Future: Interdisciplinarity in Research and Higher Education” organized by The Academia Europaea & The Wenner-Gren Foundations Conference. May 18-20, 2017. Stockholm, Sweden.

“Is there a ‘gender-diversity dividend’ for science? Mapping the knowledge implications of increasing gender diversity in research.” NSF-sponsored workshop at Stanford University, organized by Londa Schiebinger & Mathias W. Nielsen. February 26, 2016, Palo Alto, CA.

“Perspectives for valuation of interdisciplinary research in Europe.” European Cooperation in Science and Technology (COST) targeted network TN1301 Sci-GENERATION. Declined. April 27, 2015, Brussels, Belgium.

“Advancing Synthesis.” Working group organized by Edward Hackett and John Parker. Sponsored by the National Evolutionary Synthesis Center and the National Center for Ecological Analysis and Synthesis, Duke University. December 17-20, 2014, Durham, NC.

“Workshop on Science of Science Policy.” Organized by Jason Owen-Smith and Julia Lane, University of Michigan. June 25-26, 2014, Ann Arbor, Michigan.

“Advancing Synthesis.” Working group organized by Edward Hackett and John Parker. Sponsored by the National Evolutionary Synthesis Center and the National Center for Ecological Analysis and Synthesis, UCSB. September 18-22, 2013, Durham, NC.

“Working in 21st Century Colleges and Universities: The Changing Nature of Academic Work.” Sponsored by the Social Organizations Seminar, University of Arizona. April 20, 2013, Tucson, AZ.

SciSIP Principal Investigator’s Conference. Sponsored by the Science of Science and Innovation Policy (SciSIP) program at NSF. Prepared a commissioned foundational paper in advance and chaired the “*Organizations, Institutions, and Networks*” session. Washington, DC, September 2012.

“Academia and Publishing.” Working group organized by Ted Bergstrom (University of California at Santa Barbara), Dietmar Harhoff (Ludwig-Maximilians-Universität München), Francesco Silva (University of Milano-Bicocca), and Giovanni B. Ramello (Università del Piemonte Orientale). Declined. May 31-June 1, 2012, Torino, Italy.

“Advancing Synthesis.” Working group organized by Edward Hackett and John Parker. Sponsored by the National Evolutionary Synthesis Center and the National Center for Ecological Analysis and Synthesis. April 20-22, 2012, Santa Barbara, CA.

“The Acceptance and Diffusion of Innovation: A Cross-Disciplinary Approach to Instructional and Curricular Change in Engineering.” Workshop organized by ASA, NAE, and the Center for the Advancement of Scholarship on Engineering Education. Washington, DC (April 2006)

Visibility and Outreach

The London School of Economics and Political Science. *The Impact Blog*. 11 November 2019.

<https://blogs.lse.ac.uk/impactofsocialsciences/2019/11/15/pushing-research-to-the-limit-who-innovates-in-social-science-research/>

The ASQ Blog. 25 January 2017.

<https://asqblog.com/2017/01/25/leahey-beckman-stanko-2016/>

The London School of Economics and Political Science. *The Impact Blog*. 19 January 2017.

<http://blogs.lse.ac.uk/impactofsocialsciences/2017/01/19/interdisciplinary-research-may-lead-to-increased-visibility-but-also-depresses-scholarly-productivity/>

Social Science Research Council, 16 August 2016

<http://items.ssrc.org/the-perks-and-perils-of-interdisciplinary-research/>

Chronicle of Higher Education, 13 March 2016

“The Promise and Peril of Cluster Hiring” by Beth McMurtrie.

Nature, 11 December 2014

<http://www.nature.com/naturejobs/science/articles/10.1038/nj7530-279b>

The Times Higher Education, 30 September 2010

<http://www.timeshighereducation.co.uk/413679.article>

InsideHigherEd.com, 22 October 2007

<http://www.insidehighered.com/views/2007/10/22/rhoten>

4researchers.org, an NIH-supported project

<http://www.4researchers.org/articles/346>

InsideHigherEd.com, 14 August 2006

<http://www.insidehighered.com/news/2006/08/14/soc>

Nature, 13 July 2006, Vol 441, Figure 1, p. 134

<http://www.nature.com/nature/journal/v442/n7099/pdf/442133a.pdf>

The Chronicle Review, 3 September 2004, Vol. 51, Issue 2, Page B11

<http://chronicle.com/free/v51/i02/02b01101.htm>

Raleigh News and Observer, 11 January 2002, front page article

<http://www.cut-the-knot.org/htdocs/dcf/forum/DCForumID1/37.shtml>

National Public Radio, 91.5 WUNC news, 14 January 2002

Psychology Today, May/June 2000 issue

<http://www.psychologytoday.com/articles/pto-20000113-000001.html>

Conference Presentations

“What Types of Novelty are Most Disruptive?” (with Jina Lee and Russell J. Funk)

International Conference on the Science of Science & Innovation. National Academy of Sciences. June 2022.

“Historical Dynamics of Disruption in Science and Technology” (with Michael Park and Russell J. Funk) Academy of Management. August 2021. TIM Division Best Paper award.

“What Types of Novelty are Most Disruptive?” (with Jina Lee and Russell J. Funk) Academy of Management. August 2021.

“What Types of Novelty are Most Disruptive?” (with Jina Lee and Russell J. Funk) Stanford Workshop on Computational Sociology. August 2020.

“Universities’ Structural Commitment to Interdisciplinary Research” (with Sondra Barringer & Misty Ring). Women in Data Science Workshop, University of Arizona. April 2019

“Universities’ Structural Commitment to Interdisciplinary Research” (with Sondra Barringer & Misty Ring). Computational Social Science Workshop, University of Arizona. October 2018

“Universities’ Structural Commitment to Interdisciplinary Research” (with Sondra Barringer & Misty Ring). ASA Annual meeting, Philadelphia, PA. August 2018

“Why are Some Universities More Committed to Interdisciplinary Research than Others?” (with Sondra Barringer & Karina Salazar). Association for the Study of Higher Education Conference. Houston, TX. November 2017.

“How Interdisciplinary are University Research Centers?” (with Sondra Barringer and Misty Ring Ramirez). Atlanta Conference on Science and Innovation Policy. Atlanta, GA. October 2017.

“University Commitment to Interdisciplinary Research” (with Sondra Barringer & Misty Ring). Society for the Social Study of Science (4S) Annual Meeting, Boston, MA, September 2017.

“Risk and Reputation: How Professional Classification Signals Drive the Adoption of New Methods” (with Sharon Koppman). ASA annual meeting, Seattle, WA, August 2016.

“A Neglected Site of Interdisciplinary Exchange: Large-Scale Datasets in the Social Sciences” (with Attila Varga and Jerry Jacobs). Science of Team Science Annual Meeting, Phoenix, AZ, May 2016.

[*invited*] "Trials and Tribulations of Interdisciplinary Scholarship" (with Dave McBee)." 45 Annual Meeting, Denver, CO, November 2015.

"A Career of Quantifying Science." Conference on Complex Systems, Quantifying Science workshop. Tempe, AZ, October 2015.

"New Directions in Interdisciplinary Training: Trials and Tribulations" (with Dave McBee). ASA annual meeting, Chicago, IL, August 2015.

[*invited*] "How Gender Informs Research Programs and Disciplinary Cultures." ASA annual meeting (thematic session), New York, NY, August 2013.

"The Joy of Science: Diversity in Emotional Expression (with Sharon Koppman and Cindy Cain)." ASA annual meeting, New York, NY, August 2013.

"The Impact of Inter-disciplinarity on Scientists' Careers" (with Christine Beckman and Taryn Stanko). ASA annual meeting, Denver, CO, August 2012.

"Straight from the Source: How Highly-Cited Scientists Explain their Influence." ASA annual meeting, Atlanta, GA, August 2010.

[*invited*] "The Impact of Interdisciplinarity on Scientists' Careers." Eastern Sociological Society annual meeting, Baltimore, MD (March 2009).

[*invited*] "Specialization and Earnings among Academic Biologists" (with Laura Hunter). ASA annual meeting, Boston, MA, August 2008.

"Lawyers' Lines of Work: The Role of Specialization in the Income Determination Process" (with Laura Hunter and Joy Inouye). ASA annual meeting, Boston, MA, August 2008.

"Sociological Innovation through Subfield Integration." ASA annual meeting, New York, NY, August 2007.

[*invited*] "Specialization and Innovation in Sociology." Pacific Sociological Association, Presidential session, Oakland, CA, March 2007

"Succeeding by Specializing? Explaining Gendered Academic Career Trajectories" (with Jason Crockett and Laura Hunter). ASA annual meeting, Montreal, Canada, August 2006.

"Research Specialization and Collaboration Patterns in Sociology" (with Ryan Reikowsky). ASA annual meeting, Montreal, Canada, August 2006.

"Gender Differences in Productivity: Research Specialization as a Missing Link." ASA annual meeting, Philadelphia, PA, August 2005.

"Interaction and Consensus in Research." ASA annual meeting, San Francisco, CA, August 2004.

"Convergence *and* Confidentiality? Limits to the Implementation of Mixed Methodology." ASA annual meeting, San Francisco, CA, August 2004.

"Interaction in Research Settings: A Link between Shared Traits and Research Practices." [presented by Joseph Cabrera]. XXIV International Sunbelt Social Network Conference, Portorož, Slovenia, May 2004.

"The Role of Status in Evaluating Research Practice." ASA annual meeting, Atlanta, GA, August 2003.

"Gatekeeping Research Integrity: The Case of Data Editing." Presented at the Research

- Conference on Research Integrity, Sponsored by the DHHS, Office of Research Integrity, Potomac, MD, November 2002.
- “Scientific Misconduct—The Choices We Make When Faced with the ‘Grey Areas’ of Research Practice.” ASA Professional Workshop organized by Barbara Entwisle and Joyce Iutovich at the ASA annual meeting, Anaheim, CA, August 2001.
- “Alphas and Asterisks: The Development of Statistical Significance Standards in Sociology.” ASA annual meeting, Anaheim, CA, August 2001.
- “Diversity in Everyday Research Practice: The Case of Data Editing,” (with Barbara Entwisle and Peter Einaudi). Presented at the Research Conference on Research Integrity, Sponsored by the DHHS Office of Research Integrity in Bethesda, MD, November 2000.
- “The Role of Social Classes in Democratization: A Quantitative Assessment” (with Charles Kurzman). ASA annual meeting, Washington, DC, August 2000.
- “Gender Differences in Mathematics: Evidence from the NLSY and the NELS” (with Guang Guo). ASA annual meeting, Chicago, IL, August 1999.
- “Attitudes toward Data Editing in the Social Sciences” (with Barbara Entwisle and Peter Einaudi). Presented at the Gertrude Cox Statistical Conference. Research Triangle Institute, Durham, NC, September 1999.
- “Development, Dependence, and Inequality: South Korea and Taiwan as Deviant Cases.” ASA annual meeting, Toronto, Canada, August 1997.
- “Recent Black Nationalism in the United States: A Socio-Historical Perspective.” ASA annual meeting, New York, August 1996.
- “The Changing Nature of Public and Private Life in Russia: A Theoretical Approach.” Eastern Sociological Society conference, Boston, MA, March 1996.

Posters

- “The Decline of Disruptive Science and Technology” (with Russel J. Funk and Michael Park). International Conference on the Science of Science & Innovation. National Academy of Sciences. June 2022.
- “Engaged Thinkers and New Ideas” (with Zak Risha, Yiling Lin, and Lingfei Wu). International Conference on the Science of Science & Innovation. National Academy of Sciences. June 2022.

Teaching

Instructor, Arizona Methods Workshops

Introduction to Multi-level Modeling, January 9-10, 2012

Introduction to Structural Equation Modeling, January 5-7, 2011

Instructor, Graduate Courses at the University of Arizona:

Social Research Methods, Spring 2003, '04, '05, '07, '10, '13, '17, '19, '23

Advanced Topics in Research Methodology, Spring '17, '22

Social Statistics, Fall 2003, '04, '05, '06, '07, '13, '15
Sociology of Science, Knowledge & Innovation, Fall 2010, '15, '20
Dissertation Preparation, Fall 2013
M.A. Research Preparation, Fall 2012
Job Market Preparation, Spring 2022

Instructor, Undergraduate Courses:

Social Research Methods, University of Arizona, 2004–08, '10, '12, '14, '16, '17, '18
Introduction to Sociology, University of Arizona, Fall 2002, 2003
Social Stratification, UNC Chapel Hill, Fall 1999, Spring 2000
Social Problems, UMass Amherst, Summer 1996
Race, Sex, and Social Class, UMass Amherst, Summer 1995

Teaching Assistant, Graduate Courses:

Structural Equation Modeling with Ken Bollen, UNC, Spring 2001
Longitudinal Data Analysis with Guang Guo, UNC, Fall 1998

Advising

41 M.A. Committees (underlined=chair)

Angela Addae

Nadina Anderson

Shawna Anderson

Madie Armstrong

Sondra Barringer

Eliza Benites-Gambirazio

Kelly Bergstrand

Matthew Brashears

Heather Bremenstuhl

Jeremiah Coldsmith

Steve Corral

Jason Crockett

Jamie Dolan

Jennie Duberstein

Jessie Finch

Michael Gibson

Erin Heinz

Katie Hoegeman

Yi Han

Rene Heavlow

Erin Heinz

Laura A. Hunter

Justin Knoll

Zhuofan Li

Omar Lizardo

David McBee

Heather Metcalf

Laureen O'Brien

Julie Ramsey

Lela Rankin

Ricardo Rivas

Ryan Reikowsky

Misty Ring

Scott Savage

Christine Sheikh

Sarah Strand

Kendra Thompson-Dyck

Monica Ulrich

Matt Ward

Emily Williams

Adam Winn

44 Ph.D. Committees (underlined=chair or co-chair)

Jurgita Abromaviciute (2018; Georgia Southern University)

Minyoung An

Kate Freeman Anderson (2016; University of Houston)

Shawna Anderson (2010; Duke University)

Laura Auf der Heide (2008; Cornell University)

Rick Axelson (2003; University of Iowa)

Sondra Barringer (2013; Southern Methodist University)

Kelly Bergstrand (2015; University of Texas, Arlington)

Eric Bjorkland (2020; Arizona State University)

Cindy Cain (2013; University of Minnesota)

Jason Crockett (2010; Penn State - Kutztown)

Taylor Danielson (2016; Whitman College)

Krista Frederico (2020)

Sowmya Ghosh (2019)

Trey Green (2022; NC State)

Megan Henley (2016; Colorado School of Mines)

Laura A. Hunter (2010; University of Notre Dame)

Catherine Hoegeman (2011; Mount St. Mary's College)

Sharon Koppman (2015; UC Irvine Merage School of Business)

Jina Lee

Zhuofan Li

Omar Lizardo (2006; University of Notre Dame)

Nancy Martin (2008; California State University at Long Beach)

Daniel Martinez (2013; George Washington University)

Olga Mayorova (2008; ASA Research & Development Office)

David McBee (2018; UNC Chapel Hill postdoc)

Megan McKendry

David Melamed (2012; University of South Carolina)

Xochitl Mota Back (2017; University of Hawaii)

Laureen O'Brien (2018)

Meltem Odabas (2019; Indiana University postdoc)

Eugene Paik (2018; University of Mississippi)

Dong Joon Park

Jessica Pfaffendorf (2019; NC State University)

Simone Rambotti (2018; Loyola University)

Desi Rodriguez-Lonebear (2020; UCLA)

Karina Salazar (2019; University of Arizona)

Lucas Schalewski (2020; University of Arizona)

Gretchen Stahlman (2019; Rutgers University)

Kendra Thompson-Dyke (2018; University of Arizona)

Attila Varga (2020; Indiana University)
Matt Ward (2013; University of Southern Mississippi)
Yi Zhao (2021; Stanford)
Dee Hill Zupanelli (2016; Berea College)

Professional Service

Member, Program Committee (*invited*). International Conference on the Science of Science and Innovation. Kellogg School of Management, Northwestern University, June 2023.

Co-Organizer, workshop on “The Science of Team Science and Innovation: Reflecting on Interdisciplinary Teams,” at the International Society for Scientimetrics and Informetrics conference, Indiana University, July 2023.

Chair, Administrative Review for Dr. Chris Segrin, Head of The Department of Communication, University of Arizona. Spring 2023.

Member, Nominations Committee [*invited*]. Sociological Research Association. 2022.

Member, Advisory Board [*invited*] for Kevin Kniffin, Bruce Weinberg, Andrew Hanks, and Stasa Milojevic’s Collaborative NSF grant titled “Collaborative Research: Examining Training Environments and Career Outcomes of Interdisciplinary STEM PhD Students.” National Science Foundation, Division of Graduate Education, award #2100236.

External Examiner [*invited*]. Liu Yingxin's PhD thesis, University of Hong Kong, April 2022.

Member, Advisory Board [*invited*] for Mathias Wullum Nielsen’s “Institutional and Country-Related Matthew Effects in Science,” funded by the Carlsberg Foundation in Denmark. 2021- present.

Chair [*elected*], American Sociological Association section on Methodology, 2023-2025

Secretary-Treasurer [*elected*], American Sociological Association section on Methodology. 2017-2020

Member, Editorial Board [*invited*]. Sage Publications’ Quantitative Applications in the Social Sciences. 2017-

Co-Organizer, session titled “Interdisciplinarity and Universities” for the Society for the Social Study of Science (4S) meeting in Boston. Spring 2017.

Organizer, Methodology Section session titled “New and Innovative Measures” for the Annual ASA meeting. Spring 2017.

External Reviewer [*invited*], Danish National Research Foundation. Spring 2017.

Consulting Editor [*invited*], *Sociological Science*. 2017-present.

External Evaluator for Promotion & Tenure cases at Boston University, Brown University, University of Albany, University of Illinois Urbana-Champaign, University of Iowa, University of Massachusetts at Amherst, University of Michigan, University of Oregon, University of Utah, University of Texas at Austin, University of Washington, University of Wisconsin, UCLA. 2012-present.

Chair, Hacker-Mullins Student Paper Award selection committee. ASA Science, Knowledge, and Technology section. 2016.

Member, Digital Archive Advisory Committee [*invited*]. American Sociological Association. 2015-2018.

Member, Editorial Board [*invited*]. *Sociological Methodology*, 2013-2016

Member, External Advisory Board [*invited*], for Erin Cech and Tom Waidzunus (Co-PIs) NSF grant from EHR Core Research, 2015-2019.

Council Member [*elected*], American Sociological Association section on Methodology, 2016-2017

Member, Editorial Board [*invited*]. *Journal of Higher Education*, 2013-2018

Chair, Nominations Committee. ASA Methodology section. December 2015.

Organizer, ASA Regular Session on History of Sociology and Social Thought. ASA Annual Meeting, August 2014.

Member, Nominations Committee, ASA Organizations, Occupations, and Work section. 2013.

Member, Hacker-Mullins Student Paper Award selection committee. ASA Science, Knowledge, and Technology section. 2014.

Member [*invited*], Clifford Clogg Award selection committee. ASA Methodology section. 2014.

Assessor, Australian Research Council (ARC). 2013-present.

Discussant [*invited*]. ASA Thematic Session: "Interrogating Inequalities within Sociology." New York, August 2013.

Council Member [*elected*], American Sociological Association section on Science, Knowledge, and Technology, 2013-2016

Panelist [*invited*]. National Science Foundation – Building Community and Capacity (BCC) Program. Washington, DC, May 2013.

Panelist [*invited*]. National Science Foundation – ADVANCE (Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers) Program. Washington, DC, January 2013.

Panelist [*invited*]. Professional Development Workshop on "Interdisciplinarity: Theory, Methods, and Data." Academy of Management Meeting, Boston, MA, August 2012.

Organizer. Session on "Gender & Scientific Work," section on Organizations, Occupations, and Work (OOW), American Sociological Association annual meeting, Denver, CO, August 2012.

Member, External Advisory Board [*invited*], University of San Diego ADVANCE program, 2011-2016.

Organizer. Session on "Knowledge Work and Innovation," section on Organizations, Occupations, and Work (OOW), American Sociological Association annual meeting, Atlanta, GA, August 2010.

Member, Editorial Board [*invited*]. *American Sociological Review*, January 2010 - January 2013.

Council Member [*elected*], American Sociological Association section on Organizations, Occupations, and Work, 2009-2012

Member, Editorial Board [*invited*]. *Social Forces*, January 2009 - December 2012.

Discussant [*invited*]. 'Author meets Critics' panel on Michele Lamont's *How Professors Think: Inside the Curious World of Academic Judgment* (Harvard University Press). Eastern Sociological Society Annual Meeting, Baltimore, MD (March 2009).

Discussant [*invited*]. ASA Regular Session: "Social Networks and the Creation of Social Ties." Boston, August 2008.

Panelist [*invited*]. Workshop on the Social Dynamics of Campus Change. National Academy of Engineering and the American Sociological Association. Washington, DC, April 2006.

Discussant [*invited*]. Sociology of Education ASA Section: "Current Controversies: Gender, Math, and Science." Philadelphia, August 2005.

Panel Member. National Institutes of Health Special Emphasis Panel, Office of research Integrity. Research Program on Research Integrity. March 2003, '04, and '05.

Proposal Reviewer. National Science Foundation

- Science and Society Program, 2007
- Sociology Program, 2008, 2009, 2010, 2011, 2016
- Science, Technology, and Society Program, 2011, 2013, 2018
- Science of Science and Innovation Policy, 2016, 2017

Proposal Reviewer. Social Sciences and Humanities Research Council of Canada. 2008.

Proposal Reviewer. Radcliffe Institute for Advanced Study Fellowship. 2009-present

Organizer. "Reflecting on Research Conduct," a professional workshop developed, organized, and led at the Annual Meeting of the American Sociological Association, Chicago, IL, August 2002.

Manuscript Reviewer. *Science*; *Nature*; *Nature Human Behavior*; *PNAS*; *PLOS ONE*; *American Sociological Review*; *American Journal of Sociology*; *Administrative Science Quarterly*; *Social Forces*; *Social Problems*; *Management Science*; *Organization Science*; *Research Policy*; *Sociological Methodology*; *Sociological Methods & Research*; *Journal of Higher Education*; *Social Studies of Science*; *Scientometrics*; *Research Policy*; *Science, Technology, & Human Values*; *Sociological Science*; *Social Science Research*; *Socius*; *Gender & Society*;

Sociological Theory; Theory & Society; Sociology of Education; Poetics; Research Evaluation; Acta Sociologica; European Sociological Review; Social Science Quarterly; Sociological Forum; Sociological Science; Socio-Economic Review; Social Currents; Social Science & Medicine; Sex Roles; Journal of Urban Affairs; Journal of Health & Social Behavior; International Sociology; Social Science Journal; Health Services Research; Socio-Economic Review; Ethnography.

Book Manuscript Reviewer. *Harvard University Press, Routledge Press, Guilford Press, Sage Publications, Wadsworth Press.*

Department Service

Director, 2018-present

Faculty Chair, 2016-17

Organizer, Arizona Methods Workshops, 2011-2018

Instructor, Arizona Methods Workshops, 2011, '12

Department Liaison, Human Subjects Protection Program, 2013-14.

Coordinator, Department Self Study for Academic Program Review, 2010-11.

Member, Faculty Recruitment Committee, 2005-06, '07-08, '11-12, '12-13, '15-16

Member, Executive Committee, 2003-04, Spring 2008, '10-12, '12-14

Member, Graduate Studies Committee, 2003-04, '06-07, '09-10, '10-11, '17-18

Member, Undergraduate Studies Committee, 2002-03, '04-05.

College Service

Chair. 5th year Administrative Review Committee for Head of the Communication Department. Spring 2023.

Acting Director. Jo Korchmaros' Continuing Status track transfer committee in the College of Social and Behavioral Sciences. Spring 2022

Member. Staff Taskforce. College of Social & Behavioral Sciences, Spring 2021-present

Chair. College of Social & Behavioral Sciences P&T committee. Fall 2017.

Member. College of Social & Behavioral Sciences P&T committee. Fall 2016.

Member. Dean's Salary Equity Committee. 2010-11.

Member. Advisory Board, Social and Behavioral Science Research Institute. 2007–2008

University Service

Member. Department Head 5-year Review Committee. Educational Policy Studies & Practice, University of Arizona. 2018-19.

Member. Faculty Recruitment Committee, Educational Policy Studies & Practice, University of Arizona. 2017-18.

Member. Institutional Review Committee (IRC), University of Arizona, 2013-15.

Member. Faculty Recruitment Committee, Educational Leadership and Policy, University of Arizona College of Education. 2012-13.

Member. Steering Committee, NSF-funded ADVANCE project, University of Arizona. 2010-2013.

Member. Research Advisory Board, NSF-funded ADVANCE project, University of Arizona. 2006–2008.

Panelist. ADVANCE Career Discussion Series: “Strategic Service: Ways to Make the Best of Service Expectations.” October 2009.

Professional Memberships

American Sociological Association (since 1995)

Association for the Study of Higher Education (occasional)

Academy of Management (occasional)

Society for the Social Study of Science (occasional)