

## CURRICULUM VITA

### **Patricia Wonch Hill** **University of Nebraska-Lincoln**

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Education and Department of Sociology  
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## EDUCATION

Ph.D., 2010	Sociology, Certificate of Specialization in Policy Analysis (Political Science) University of Nebraska-Lincoln Areas of Specialization: Health, Quantitative Methods, Gender, Family
M.A., 2006	Sociology, University of Nebraska-Lincoln
B.A., 2003	Sociology, Philosophy, University of Nebraska-Lincoln (Great Distinction)

## AREAS OF EXPERTISE

Applied Sociology and Evaluation  
Broadening Participation in STEM  
Community Based Participatory Research  
Health Disparities  
Gender, Health & Reproduction

## EMPLOYMENT

2022 – Present	Research Associate Professor, Center for Science Mathematics & Computer Education and Department of Sociology
2019 – 2022	Research Coordinator – Social and Behavioral Sciences Research Consortium (SBSRC)/Methodology & Evaluation Core Facility (MERC).
2013 – 2022	Research Assistant Professor, Department of Sociology, Social and Behavioral Sciences Research Consortium (SBSRC)/Methodology and Evaluation Core Facility (MERC), Minority Health Disparities Initiative (MHDI), University of Nebraska-Lincoln.
2018 – 2019	Interim Director – Methodology & Evaluation Research Core Facility (MERC)/ Social and Behavioral Sciences Research Consortium (SBSRC).
2017 – 2018	Assistant Director - Methodology & Evaluation Research Core Facility (MERC)/Social and Behavioral Sciences Research Consortium (SBSRC).
2011 – 2013	Postdoctoral Researcher, ADVANCE-NE, University of Nebraska-Lincoln.

## RESEARCH

### **Peer Reviewed Journal Articles and Conference Proceedings**

**Hill, P.W.**, Kelly, G., McQuillan J., Phillips, M., Melson, M., Blake, J. (2023) “Mapping Teacher Informal Advice Networks as a Tool for District Administrators: A Case Study.” *Science Educator*; 29(1):1-11.

McQuillan, J., **Hill, P.W.**, Jochman, J. & Kelly, G. (2023) “Decline is Not Inevitable: Changes in Science Identity During the Progression Through a U.S. Middle School among Boys and Girls. *Socius*; 9:1-16  
<https://doi.org/10.1177/23780231231152195>

**Hill, P.W.**, Diamond, J., McQuillan, J., Spiegel, A.N., VanWormer, E., & Leadabrand, M. (2022) “Accuracy of COVID-19 relevant knowledge among youth: The Number of Sources of Information Matters” *PLOS ONE*. 7(12):e0267871.  
<https://doi.org/10.1371/journal.pone.0267871>

Salzbrenner, S.G., McAdam-Marx, C., Lydiatt, M., Holding, B., Scheier, L.M., and **Hill, P.W.** (2022) “Perceptions of prior authorization by use of electronic prior authorization software: A survey of providers in the United States.” *J Manag Care Spec Pharm* Oct;28(10):1121-1128. <https://doi.org/10.18553/jmcp.2022.28.10.1121>

Diamond, J., **Hill, P. W.**, McQuillan, J., Spiegel, A., Leadabrand, M. & VanWormer, E. (2021) “Developing Pandemic Comics for Youth Audiences.” *Journal of STEM Outreach* Jul; 4(2). <https://doi.org/10.15695/jstem/v4i2.03>

Hebets, E., **Hill, P. W.**, Matthews, A., Phillips, K., Weller, S., Whitney, C.S., and Corey, T.B. (2020) “Using a College Curriculum for Community Engagement: Vertically Integrated Science Learning Opportunities for University and Middle School Students.” *Journal of STEM Outreach*, 3(2):1-17  
<https://doi.org/10.15695/jstem/v3i2.07>

**Hill, P. W.**, McQuillan, J., Hebets, E., Spiegel, A. & Diamond, J. (2018) Informal Science Experiences among Urban and Rural Youth: Exploring Differences at the Intersections of Socioeconomic Status and Gender. *Journal of STEM Outreach*, 1(1):1-12  
<https://doi.org/10.15695/jstem/v1i1.28>

Wei, S. & **Hill, P. W.** (2018). An Evaluation on Engineering Identity of K-12 Youth Using the Engineering Ambassador Network. In 2018 ASEE Annual Conference & Exposition. <https://peer.asee.org/an-evaluation-on-engineering-identity-of-k-12-youth-using-the-engineering-ambassador-network-evaluation>

Hebets, E.A., Welch-Lazoritz, M., Tisdale, P., & **Hill, P.W.** (2018) Eight-Legged Encounters—Arachnids, Volunteers, and Art help to Bridge the Gap between Informal and Formal Science Learning. *Insects*, 9(1), 27. <https://doi.org/10.3390/insects9010027>

- Hill, P. W.**, McQuillan, J., Spiegel, A. N., and Diamond, J. (2018). Discovery orientation, cognitive schemas, and disparities in science identity in early adolescence. *Sociological Perspectives*, 61(1), 99-125. <https://doi.org/10.1177/0731121417724774>
- Hill, P. W.**, McQuillan, J., Talbert, E. J., Spiegel, A. N., Gauthier, G. R., & Diamond, J. (2017). Science Possible Selves and Desire to be a Scientist: Mindsets, Gender Bias, and Confidence during Early Adolescence, 6(2), 55. <https://doi.org/10.3390/socsci6020055>
- Gauthier, G. R., **Hill, P. W.**, McQuillan, J., Spiegel, A. N., & Diamond, J. (2017). The potential scientist's dilemma: How the masculine framing of science shapes friendships and science job aspirations. *Social Sciences*, 6(1), 14. <https://doi.org/10.3390/socsci6010014>
- Hill, P. W.**, Cacciatore, J., Shreffler, K. M., & Pritchard, K. M. (2017). The Loss of Self: The Effect of Miscarriage, Stillbirth, and Child Death on Maternal Self-Esteem. *Death studies*, 41(4), 226-235. <https://doi.org/10.1080/07481187.2016.1261204>
- Diamond, J., McQuillan, J., Spiegel, A. N., **Hill, P. W.**, Smith, R., West, J., & Wood, C. (2016). Viruses, Vaccines and the Public. *Museums & Social Issues* 11(1), 9-16. <https://doi.org/10.1080/15596893.2016.1131099>
- Hill, P.W.**, Holmes, M. A., & McQuillan, J. (2014). The New STEM faculty Profile: Balancing Family and Dual Careers," *Gender Transformation in the Academy (Advances in Gender Research, Volume 19)* Emerald Group Publishing Limited, 19, 3–20. <https://doi.org/10.1108/S1529-212620140000019001>
- Park, N., and **Hill, P.W.** (2014). "Is adoption an option? Role of the importance of motherhood and biomedical help-seeking on adoption consideration" *Journal of Family Issues*. <https://doi.org/10.1177/0192513X13493277>
- Thielman, K., Cacciatore, J., and **Hill, P.W.** (2014). Traumatic bereavement and mindfulness-based care: A preliminary study of mental health outcomes using the ATTEND model. *Clinical Social Work Journal*, 42, 3, 260-268. <https://doi.org/10.1007/s10615-014-0491-4>
- McQuillan, J., Greil, A. L., Shreffler, K. M., Gentzler, K. C., **Hill, P. W.**, & Hathcoat, J. (2012). Does the reason matter? Childlessness specific distress among US women. *Journal of Marriage and Family*, 74, 1166-1181. <https://doi.org/10.1111/j.1741-3737.2012.01015.x>
- Shreffler, K. M., **Hill, P.W.** & Cacciatore, J. (2012). Exploring the increased odds of divorce following miscarriage or stillbirth. *Journal of Divorce & Remarriage*, 53(2), 91-107. <https://doi.org/10.1080/10502556.2012.651963>  
(Contribution 35% conceptualization, data analysis, writing)

### Peer Reviewed Book Chapters

McQuillan, J., Holmes, M. A., **Hill, P. W.** & Anderson-Knott, M. (2016). Does the road improve in the land of the tenured? Exploring perceptions of culture and job satisfaction by rank and gender. In Enobong Hannah Branch (Eds.) *Reconsidering the Pipeline? Pathways, Potholes, and the Persistence of Women in STEM Fields*. Lexington Press (pp. 56-74).

McQuillan, J., Holmes, M. A., **Hill, P. W.** & Anderson-Knott, M. (2016). A mechanism to create a roadmap for tenured faculty. In Enobong Hannah Branch (Eds.) *Reconsidering the Pipeline? Pathways, Potholes, and the Persistence of Women in STEM Fields*. Lexington Press. (pp 196-206)

### **Non-Peer Reviewed Publications**

McQuillan, J., **Hill, P.W.**, Leadabrand, M., Spiegel, A.N. (2023). "Fostering Youth STEM Identities Through Social Network Connections in Informal Science Settings," in Judy Diamond, Sherman Rosenfeld (Eds.) *Amplifying Informal Science Learning*. Routledge Press.

McQuillan, J., **Hill, P.W.** & Leadabrand, M. (2022). "Expanding Graduate Education and Career Placement through Community Engaged Research." *ASA Footnotes*, 50, 1. <https://www.asanet.org/expanding-graduate-education-and-career-placement-through-cer>

McQuillan, J., **Hill, P. W.**, Leadabrand, M., Spiegel, A. & Smith W. (2021). "Tracing Connections to Stop a Pandemic" appears in *C'RONA Pandemic Comics*, edited by Bob Hall, Judy Diamond, Liz VanWormer, and Judi gaiashkibos. ©2021 University of Nebraska Press.

Deards, K. Frerichs, S., **Hill, P.W.**, & McQuillan, J. (2020). What help do faculty perceive is needed to improve their community engagement through outreach? *Digital Commons*: <https://digitalcommons.unl.edu/sociologyfacpub/750/>

**Hill, P. W.**, Kasabian, A., Anderson-Knott, M. & Bearskin-Painter, A. (2017). Making it work: Adaptations for Indigenous Partnerships. In K. Dombrowski & Gocchi Carrasco, Kimberly (Eds.), *Reducing health disparities: Research updates from the field* (volume 2), 124-141.

**Hill, P.W.**, (2013). STEM Family-Friendly Writing Retreat aims to boost productivity. Elsevier Connect. <https://www.elsevier.com/connect/stem-family-friendly-writing-retreat-aims-to-boost-productivity>

### **Under Review**

**Hill, P.W.**, Gauthier, G.R., McQuillan, J., Ledesma, J., Spiegel, A.N. & Diamond, J. "Science Identities by Association: Can Afterschool Informal Science Activities Have Peer Ripple Effects?" *Research in Science Education*

**Hill, P.W.**, Werum, R., Jochman, J., Johnson, A., and Spiegel, A. “Moving the Needle: Retaining undergraduate women in engineering and computer science: Institutional Factors.” International Journal of STEM education. *Socius*

**Hill, P.W.**, Short, Z., Jones, D., Perez, L., and Asgarpoor, S. “I haven't really made those connections that maybe most would their first year”: A Qualitative Study of the COVID-19 Pandemic and Student Social Capital Among 3 Cohorts of First-Year Engineering Students.” ASEE 2023 Conference Paper, Baltimore, MD.

**Hill, P.W.**, Rentschler, J., Short, Z., Rutt, J., Perez, L., Asgarpoor, S., & Jones, D. Building social capital: How student support services helps first-year engineering students build a safety network to persist in engineering. Under Review Jan. 2023. Journal of Engineering Education

McCue, L., Urgessa, G., Lopez-Bunyasi, T., Healey, P.W., **Hill, P.W.**, Lester, J., and Rivera-Sanchez, M. “Work-in-progress: A data gathering effort on STEM faculty startup packages for assessing equity in recruitment.” ASEE 2023 Conference, Baltimore, MD.

### **Works in Progress**

McQuillan, J., **Hill, P.W.**, Jochman, J. Spiegel, A.N., Fago, T. & Woodman, C. “Awareness of Interpersonal Interconnectedness is Associated with Taking Pandemic Precautions: Evidence for Increasing the Public Understanding of Network Science”

**Hill, P.W.**, Radunskaya, A., Haunsperger, D., Haas, R., & Walker J. “The long-term impacts of programs aimed at broadening participation of women in the mathematical sciences: A qualitative study.”

### **Research and Technical Reports**

**Hill, P.W.**, Jones, D., Asgarpoor, S., and Perez, L. (January 2023). NSF BPE: Statewide Effort to Diversify Undergraduate Engineering Student Population NSF Final Program Report.

**Hill, P.W.** & Miller, Debra. (March 2022) UNL Color of Drinking Survey Report, pp. 132.

Helding, B., **Hill, P.W.**, Swanson, A., Carstens, E., Qualsett, S & Rutt, J. (January 2021) An Economical Point-of-Care Software Solution Prototype for Medication Prior Authorization Preliminary Evaluation Report, pp. 204.

Carstens, E., **Hill, P.W.** (September 2021) UNL Broadening Participation in Engineering Evaluation Report, pp. 13.

**Hill, P.W.**, (February 2020) UNL Educational Administration Faculty Focus Group Report. Prepared for the Department Chair as part of an evaluation of department climate and SWOT analysis, pp. 28.

**Hill, P.W.**, (September 2019) NSF INCLUDES WATCH US Prototype Project Evaluation Report. Prepared for the NSF INCLUDES Design and Development Launch Pilot WATCH US Program, pp. 85.

Skidmore, J., **Hill, P.W.**, (September 2019) NSF BPE: Statewide Effort to Diversify Undergraduate Engineering Student Population Program Report.

**Hill, P.W.**, Whitney, C. (August 2019) VISLO: Vertically Integrated Science Learning Opportunity Summative Evaluation Report. Prepared for a grant from the Department of Education, pp. 12.

Kasabian, A., Defa, J., **Hill, P.W.** (October 2018) Native Families for Native Children Summative Report. (October 2016) Prepared for the Winnebago Tribe of Nebraska for a grant funded by the United States Children's Bureau Diligent Recruitment Grant, pp. 132.

Anderson-Knott, M., **Hill, P.W.** (September 2018) NSF INCLUDES WATCH US Evaluation Report. Prepared for the NSF INCLUDES Design and Development Launch Pilot WATCH US Program, pp. 102.

**Hill, P.W.**, Whitney, C. (August 2018) NSF INCLUDES WATCH US Qualitative Research Methodology Report and Preliminary Findings: Mathematics Stakeholders Interviews. Prepared for the NSF INCLUDES Design and Development Launch Pilot WATCH US Program (HRD-1649365), pp. 82.

Everhart, K., **Hill, P.W.** (August 2018) Engineering Mentors: an Qualitative Evaluation of EC3. Prepared for UNL College of Engineering to understand how mentoring youth might influence satisfaction with and retention of undergraduate engineering majors, pp. 113.

**Hill, P.W.**, Whitney, C., (August 2018) Soft Robotics Workshop Evaluation. Prepared for NSF CAREER award (DMR-1555356), pp. 20.

**Hill, P.W.**, Weber, E. (July 2018) VISLO: Vertically Integrated Science Learning Opportunity Year 1 Evaluation Report. Prepared for a grant from the Department of Education, pp. 16.

Spiegel, A., **Hill, P.W.** (July 2018) Survey of Computer Science and Engineering Professional Methodology Report. Prepared for the NSF grant (Award # 1323633): A Chautauqua Program for the 21st Century: Professional Development for CSE Professionals, pp. 115.

**Hill, P.W.**, Weber, E., VanDyke-Ries. (January 2018) UNL-NCAT Workshop in Materials Science and Engineering 2018 Evaluation Report. Prepared for NSF CAREER award (DMR-1555356), pp. 29.

Spiegel, A., **Hill, P.W.**, (December 2017) UNL Civil Engineering Faculty Survey Report. Prepared for UNL Department of Civil Engineering, pp. 76.

**Hill, P.W.**, Anderson-Knott, Mindy (September 2017) NSF INCLUDES WATCH US Evaluation Report. Prepared for the NSF INCLUDES Design and Development Launch Pilot WATCH US Program.

**Hill, P.W.**, Spiegel, A. (July 2017) Summary of Findings: UNL Civil Engineering Department Faculty Focus Groups. Prepared for the Department of Civil Engineering, pp. 13.

**Hill, P.W.** (June 2017) **Hill, P.W.**, NSF INCLUDES WATCH US Qualitative Research Methodology Report <http://www.womendomath.org/wp-content/uploads/2017/06/NSF-INCLUDES-Stakeholder-Meeting-Results-6.7.pdf>.

**Hill, P.W.** (June 2017) Preliminary Findings: Program Participants Mixed Methods Study. (June 2017) Prepared for Presentation to national mathematics stakeholders in the Summer of 201 and for the womendomath.org website <http://www.womendomath.org/wp-content/uploads/2017/06/INCLUDES-WATCH-US-Methodology-Report-Finala.pdf>.

**Hill, P.W.**, (January 2016) Nebraska 2015 Health Status Assessment 2015 Prepared for the Nebraska DHHS, Department of Public Health, State Health Improvement Plan (SHIP) workgroup, pp. 66.

Anderson-Knott, M., **Hill, P.W.**, Kasabian, A. (September 2014) ADVANCE: Nebraska Internal Evaluation: Update on Recruitment and Retention. Prepared for the National Science Foundation

**Hill, P.W.** (September 2013) ADVANCE Nebraska Internal Evaluation Summative report. (2013) Prepared for the National Science Foundation, pp. 125.

### **Current Funding**

2022-2027 Co-Principal Investigator. NSF RII-BEC: STEM-POWER Research Program: Empowering students from the start with Purpose, Ownership, and Well-being as they Engage in research Relationships. Kristi Montooth (PI), (\$999,125).

2022-2027 Senior Personnel. NSF EHR: Achieving Critical Transformations in Undergraduate Programs in Mathematics (ACT UP Math). Wendy Smith (PI). (\$1,500,000).

2022-2024 Principal Investigator. Subaward. NSF ADVANCE Catalyst: A Data Driven Critical Needs Assessment of STEM Faculty Recruitment, Retention, and Promotion for George Mason University (\$32,302).

2018-2024 Co-Principle Investigator. Worlds of Connections: Engaging Youth with Health Research through Network Science and Stories in Augmented Reality. NIH SEPA. Julia McQuillan (PI), (\$1,382,444).

### **Past Funding**

- 2018-2022 Co-Principal Investigator: NSF BPE: Statewide Effort to Diversify Undergraduate Engineering Student Population Principle Investigator. NSF David Jones (PI), (\$199,999).
- 2020-2022 Co-Principal Investigator. COVID: RAPID: Using Popular Media to Educate Youth About the Biology of Viruses and the Current COVID-19 Pandemic. NSF. Judy Diamond (PI), (\$200,000).
- 2020-2021 Principal Investigator. Subaward – NIH STTR: An Economical Point-of-Care Software Solution Prototype for Medication Prior Authorization. Stephen Salzbrener (PI) UNMC, Breezmed (\$110,783).
- 2016-2020 Senior Personnel: NSF INCLUDES: WATCH US: (Women Achieving Through Community Hubs) in the United States. Judy Walker (PI), (\$299,884).
- 2017-2019 Evaluator. Vertically Integrated Science Learning Opportunity (VISLO). U.S. Department of Education. Eileen Hebets (PI), (\$30,000).
- 2017-2018 Co-Investigator. Rural WEBS: Widespread Engagement using the Biology of Spiders. UNL Internal Revision Award. Eileen Hebets (PI), (\$29,225).
- 2017-2018 PI: Camp Summergold Evaluation. Private Funding. Judy Hart (Contact), (\$1,7680).
- 2013-2018 Senior Personnel. A Chautauqua Program for the 21st Century: Professional Development for CSE Professionals. NSF. Lance Perez (PI), (\$448,603).
- 2015-2017 Evaluator. Native Families for Native Children (NF4NC) Evaluation. U.S. DHHS Children’s Bureau. Chiara Cournye (PI), (\$200,177).
- 2012-2017 Senior Personnel. Biology of Human. NIH SEPA. Judy Diamond (PI), (\$1,382,444).
- 2017 Evaluator. An Evaluation on Engineering Identity of K-12 Youth Using the Engineering Ambassador Network (Evaluation). Internal SEED funding.
- 2016 Evaluator. NSF CAREER: Dynamic Crystal Synthesis. NSF.
- 2016 Nebraska DHHS State Health Status Assessment Report. NE DHHS Jeff Armitage (Contact), (\$10,482).

### **Media Coverage**

- 2023 Gayman, Deann, “Number of sources matters for youths’ COVID-19 knowledge.” <https://news.unl.edu/newsrooms/today/article/number-of-sources-matters-for-youths-covid-19-knowledge/>
- 2022 Lee, Tiffany, “NSF grant expands efforts to retain underrepresented STEM students.” <https://news.unl.edu/newsrooms/today/article/nsf-grant-expands-efforts-to-retain-underrepresented-stem-students/>
- 2021 Saenz, Natalie “‘We combine fantasy with good science’ — Coronavirus comic created to teach, engage young Nebraskans.” October 31<sup>st</sup>, 2021. Lincoln JournalStar. [https://journalstar.com/news/state-and-regional/nebraska/we-combine-fantasy-with-good-science-coronavirus-comic-created-to-teach-engage-young-nebraskans/article\\_7194fd01-3b26-5514-ae26-441c051e54f1.html](https://journalstar.com/news/state-and-regional/nebraska/we-combine-fantasy-with-good-science-coronavirus-comic-created-to-teach-engage-young-nebraskans/article_7194fd01-3b26-5514-ae26-441c051e54f1.html)
- 2020 Spellman, Lisa. “Dr. Salzbrener looks to streamline 'prior authorization'.” October 12<sup>th</sup>, 2020. UNMC Newsroom. <https://www.unmc.edu/news.cfm?match=26308>

- 2019 Gayman, Deann, “Nebraska-led project aims to build interest in health careers.” April 19<sup>th</sup>, 2019. Nebraska Today.  
<https://news.unl.edu/newsrooms/today/article/nebraska-led-project-aims-to-build-interest-in-health-careers/>
- 2018 SCIOPOP Talks UNL, “The Science of Self: How Gender Bias & Mindsets Influence the Inner Scientist.”  
<https://mediahub.unl.edu/media/9223>
- 2017 Quoted in Gayman, Deann, “Battle of the sexes in science hurts girls – and boys, too.” July 12, 2017. Nebraska Today.  
<https://news.unl.edu/newsrooms/today/article/battle-of-the-sexes-in-science-hurts-girls-and-boys-too/>
- 2017 Schrage, Scott. “Nebraska hosts math leaders to spur women earning doctorates.” June 8<sup>th</sup>, 2017. Nebraska Today.  
<https://news.unl.edu/newsrooms/today/article/nebraska-hosts-math-leaders-to-spur-women-earning-doctorates/>
- 2017 Ben Bohall interview on Nebraska Public Radio. “Why are adolescent girls less interested in science than boys?” April 11, 2017. Nebraska Public Radio  
<https://nebraskapublicmedia.org/en/news/news-articles/why-are-adolescent-girls-less-interested-in-science-than-boys/>
- 2017 Quoted in Gayman, Deann, “Study examines how, why adolescence halts girls’ interest in science.” March 21, 2017. Nebraska Today.  
<https://news.unl.edu/newsrooms/today/article/study-examines-how-why-adolescence-halts-girls-interest-in-science/>
- 2016 Klucas, Gillian. “Project aims to boost women in math grad programs.” October 4<sup>th</sup>, 2016. Nebraska Today.  
<https://news.unl.edu/newsrooms/today/article/project-aims-to-boost-women-in-math-grad-programs/>
- 2016 “Trish Wonch Hill receives 2016 UNL Undergraduate Sociology Teaching Award.” August 28<sup>th</sup>, 2016. Department of Sociology.  
<https://soc.unl.edu/trish-wonch-hill-receives-2016-unl-undergraduate-sociology-teaching-award>
- 2014 Quoted in Gayman, Deann “ADVANCE-Nebraska researchers share findings in new book chapter.” Nebraska Today. December 5<sup>th</sup>, 2014.  
<https://news.unl.edu/newsrooms/today/article/advance-nebraska-researchers-share-findings-in-new-book-chapter/>
- 2013 Reed, Leslie. “Study finds couples who want children view adoption as a last resort.” October 11<sup>th</sup>, 2013. Nebraska Today.  
<https://news.unl.edu/newsrooms/today/article/study-finds-couples-who-want-children-view-adoption-as-a-last-resort/>
- 2013 Hill, P.W., “STEM Family-Friendly Writing Retreat aims to boost productivity. June 24<sup>th</sup>, 2013. Elsevier Connect.  
<https://www.elsevier.com/connect/stem-family-friendly-writing-retreat-aims-to-boost-productivity>

### **Invited Talks and Presentations**

- 2021 UNL School of Biological Sciences Seminar: “Broader Impacts: The Power of Interdisciplinary Teams for Creative Outreach”
- 2018 - 2020 UNL Office of Research and Economic Development NSF Career Club, “Evaluating Broader Impacts.”
- 2017 NSF INCLUDES WATCH US Stakeholder Meeting – Keynote Presentation, “Investigating Program Elements that Recruit and Retain Women into the Advanced Mathematical Sciences.” Lincoln, NE.
- 2016 Interactive 6 hour Workshop, “Creating Culturally Relevant Logic Models for Programs in Native Communities.” – I was the lead on this workshop and designed and created
- 2015 Invited Speaker and panelist, UNL School of Natural Resources, Women in Science: Challenges to Gender Equality. “Scientist Parents: Changing culture to broaden participation in STEM.” Lincoln, NE
- 2013 Invited Speaker, Joint NCEA Nebraska Extension Fall Conference, and “Basics of Survey Design.” Kearney, Nebraska.
- 2013 Panel Discussant/Presentation, Annual NSF ADVANCE PI meeting, Alexandria, VA, “Dual Purpose Data Collection – ADVANCE-Nebraska.” Washington, DC.

### **Conference Presentations**

- 2023 Midwest Sociological Society. “Bringing Identity and Social Capital Theories and Research to 6-12th Science and Math Teachers: Syllabi, Course Plans, and Positive Potential. Julia McQuillan and Patricia Wonch Hill
- 2023 Midwest Sociological Society. “Panel: Partnering With a School District For Sociology in 6-12<sup>th</sup> grad STEM Education. Julia McQuillan and Patricia Wonch Hill
- 2023 Network of the National Library of Medicine (NNLM) Virtual Health Misinformation Symposium. “Using Comics and Art to Provide Accurate Health and Science Information About Viruses, Pandemics, and Vaccination.” Lightning Talk. Virtual.
- 2021 Connected Science Learning Virtual Panel: Infectious Media. Presentation of comics funded through NSF RAPID: Using Popular Media to Educate Youth About the Biology of Viruses and the Current COVID-19 Pandemic (NSF 2028026).
- 2018 NSF INCLUDES: WATCH US Evaluation Poster. Washington, DC.
- 2018 NSF INCLUDES: WATCH US Flash Talk. Washington, DC.
- 2017 Computational Social Sciences Poster Presentation. “Disseminating Science Identities through Afterschool Science: Peer Group Effects. Santa Fe, NM.
- 2017 NSF INCLUDES: WATCH US Evaluation Poster. Washington, DC.
- 2016 Presentation, Northwestern GROW Summit, “More than evaluation: Using social science research to understand gender inequalities in mathematics.” Chicago, IL.
- 2016 Poster, Population Association of America, “The Potential Scientist’s Dilemma: The social salience of science in U.S. Boys’ and Girls’ Same-Gender Friendships.” Washington, D.C.

- 2015 Presentation/Roundtable, American Sociological Association, "Social Inequality in Science Identity Among Middle School Youth." Chicago, Illinois.
- 2014 Presentation/Roundtable, American Sociological Association, "The Loss of Self: The impact of child death, stillbirth and miscarriage on maternal self-esteem." San Francisco, California.
- 2014 Presentation, STEM Think Tank Conference, "Are You a Science Kind of Person? The Role of Gender in Science Identity." Nashville, Tennessee.
- 2014 Webinar, Association for Women in Science, "Writing Retreats for Success."
- 2014 Presentation, Midwest Sociological Association, "Integrating Research Evaluation: ADVANCE Nebraska." Omaha, Nebraska.
- 2013 Session Organizer, Midwest Sociological Society, Infertility and Reproduction Presentation, "Stillbirth and Reproductive Justice." Chicago, Illinois.
- 2013 Presentation, Annual STEM Department Chair Data Breakfast, Lincoln, NE.
- 2012 Presentation, 7th European Conference on Gender Equality in Higher Education, "Can we afford NOT to pay attention to Gender Equity?" Bergen, Norway.
- 2012 Presentation, NSF Joint Annual Meeting, "Using Evaluation Data to Inform Programmatic and Institutional Change." Washington, DC.
- 2012 Paper Presentation, Eastern Sociological Society, "Stillbirth and Reproductive Justice." New York, NY.
- 2012 Presentation, Annual STEM Department Chair Data Breakfast, "UNL - University, college and departmental trends in the proportion of women faculty in departments, applicant pools and peer comparisons 2008- 2011." Lincoln, NE.
- 2010 Paper Presentation, Midwest Sociological Society, "Effect of State Family Medical Leave Policies on Breastfeeding Duration in the United States." Chicago, IL.
- 2009 Paper Presentation, Society for the Study of Social Problems "Symptoms of inattention and Hyperactivity: The protective and risk factors of maternal breastfeeding." San Francisco, CA.
- 2008 Paper Presentation, Midwest Sociological Society, "Expanding the US Family Medical Leave Act: How to Increase Women's choices." St. Louis, MO.
- 2007 Paper Presentation, Midwest Sociological Society "Symptoms of inattention and Hyperactivity: The protective and risk factors of maternal breastfeeding." Chicago, IL.
- 2007 Poster Presentation, National Council of Family Relations "Sustaining breastfeeding after employment: Assessing the role of child care providers."
- 2006 Poster Presentation, UNL Research Fair "Symptoms of inattention and Hyperactivity: The protective and risk factors of maternal breastfeeding."

### **Peer Reviewer**

*Social Sciences*

*Social Psychology Quarterly*

*Social Sciences*

*Sociological Perspectives*

*American Journal of Public Health*

*Death Studies*

**Proposal Reviewer**

NSF 2023  
NSF 2022  
NSF 2019 DRK-12  
NSF 2018 I-TEST

**Honors and Awards**

2023 Women of Courage, Character and Commitment Award – University of Nebraska – Lincoln Women’s Center  
2016 Undergraduate Sociology Teaching Award – University of Nebraska – Lincoln.  
2012 Outstanding Postdoctoral Research Award – University of Nebraska- Lincoln – Honorable Mention.  
2007 – 2008 J.J. Eleanor Ogle Research fellow, \$18,000 and tuition.  
2007 – 2008 Grace and Edith Abbot Fellowship, \$1,500.  
2007 – 2008 Nominated GSA graduate student of the year.  
2008 Alice Frost Howard Award, \$1,000.  
2004 – 2007 Othmer Fellowship, \$22,500 - \$7,500 each year for three years.  
2006 Alice Frost Howard Research Award, \$1,000.  
2006 Sigma Xi Social Sciences Research Poster Award - UNL Research Fair.  
2003 Phi Beta Kappa.  
2003 Graduate with Great Distinction (>1% GPA).  
1998-2003 Dean’s List.

**SERVICE**

**Faculty and Graduate Student Service**

2019 – present Faculty Senate, representing non-tenured research faculty.  
2019 – 2021 AAUP Nebraska State Conference President.  
2007-2008 Graduate Student Association (UNL-GSA) Department of Sociology. Representative. Chair of the Committee on Work Family Balance.  
2006-2007 Internal Review Board Ethics Unit Review Committee for Research Compliance, Department of Sociology.  
2006-2007 Vice President of the Nebraska Association of Sociology Graduate Students.

**Community Service**

2015-2016 Lead Teacher and Supervisor for ‘The Social Club’ an after school sociology club at two local middle schools.  
2010-2016 Policy Analyst and Advocate for the MISS Foundation (volunteer). An organization created to lobby for and provide support to bereaved parents.  
2008 Successfully lobbied the Nebraska Unicameral to enact legislation allowing, “Certificates of Birth Resulting Stillbirth” as an option to bereaved parents.  
2004-2008 Nebraska Healthy Kids 2010 Committee on Breastfeeding

**TEACHING**

- 2020 Co-Instructor: University of Nebraska – Lincoln, The COVID-19 Pandemic: Effects on Industries, People and Society” (UGEP 291) (1 week on social networks and virus spread).
- 2018 Co-Instructor: University of Nebraska – Lincoln, Center for Mathematics, Science, and Computer Education. Course: Social Psychological Processes in the STEM Classroom: Activating STEM Identities (Soc 898).
- 2017 Co-Instructor: University of Nebraska – Lincoln, Center for Mathematics, Science, and Computer Education. Course: Social Psychological Processes in the STEM Classroom: Activating STEM Identities (Soc 898).
- 2016-2017 Instructor: University of Nebraska – Lincoln (2 semester/6 credit). Course: Applied Sociology/Community Research: (310a and 310b).
- 2016 Co-Instructor: University of Nebraska – Lincoln. Graduate Level Course: Practical Data Analysis: (898).
- 2015-2016 Instructor: University of Nebraska – Lincoln (2 semester/6 credit). Course: Applied Sociology/Community Research: (310a and 310b).
- 2015 Instructor: University of Nebraska - Lincoln  
Course: Physical Health Disparities: (454/854).
- 2014 Instructor: University of Nebraska-Lincoln. Course: Introduction to Sociology: Women in STEM Majors Focus.
- 2014 Instructor: Study Abroad – Ireland, University of Nebraska-Lincoln  
Course: Special Topics, Women’s reproductive health in Ireland and the US.
- 2014 Instructor: University of Nebraska-Lincoln. Course: Research Methods I.
- 2010-2011 Instructor: University of Nebraska-Lincoln. Courses: Research Methods I and II, Women in Contemporary Society.
- 2007 Instructor: University of Nebraska-Lincoln. Courses: Sociology Research Methods II, Women in Contemporary Society.
- 2005-2006 Teaching Assistant: University of Nebraska-Lincoln. Course: Advanced Research Methods II (graduate statistics), Sociology of Health.
- 2004-2005 Teaching Assistant: University of Nebraska-Lincoln. Course: Sociology 101.