

KATE TIERNEY
Department of Sociology
Western Michigan University
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CURRICULUM VITAE
FEBRUARY 2024

ACADEMIC APPOINTMENTS

2020 - Assistant Professor of Sociology, Western Michigan University
Present

EDUCATION

- 2020 Ph.D., Department of Sociology, University of North Carolina at Chapel Hill.
Dissertation: A Demographic and Sociological Analysis of Assisted Reproductive Technology in the United States
Dissertation Committee: Kathleen Mullan Harris (chair), Yong Cai, Lisa Pearce, John Thorp, Julia McQuillan
- 2017 M.A., Department of Sociology, University of North Carolina at Chapel Hill.
Committee: Kathleen Mullan Harris (chair), S. Philip Morgan, Yong Cai
- 2011 B.A., Wellesley College. Psychology and Women's and Gender Studies.
Magna cum Laude & Departmental honors in the field of Psychology

AREAS OF INTEREST

Fertility Reproductive Social Family Health Gender Social &
Technologies Demography Inequalities Health Policy

PUBLICATIONS

Refereed Journal Articles

Tierney, Katherine I. Forthcoming. "What Education Cannot Equalize: Segregated Social Networks and Media in Stratified Reproduction." *Sociological Focus*.

Tierney, Katherine, and Ester Lazzari. 2024. "Impacts of COVID-19 on Medically Assisted Live Birth Rates in the United States in 2020 and 2021." *Population Research and Policy Review* 43(1):5. doi: [10.1007/s11113-023-09849-0](https://doi.org/10.1007/s11113-023-09849-0).

Tierney, Katherine I., Nicole Pearce, Emily Miller, Agnieszka Steiner, Kathryn Tighe, Joi Presberry, and Catherine Kothari. 2023. "Barriers to Postpartum Care: A Mixed Methods Study of Midwestern Postpartum Women." *Maternal and Child Health Journal*. doi: 10.1007/s10995-023-03800-7

Tierney, Katherine I., and Karen Benjamin Guzzo. 2023. "Medically Assisted Reproduction in the United States: A focus on Parents 40 and Over." *Socius*. doi:10.1177/23780231231205191

Tierney, Katherine I., Arthur L. Greil, and Ann V. Bell. 2023. "Trends in Infertility Prevalence and Treatment Seeking in the United States: Results from the National Survey of Family Growth 1995 through 2017-2019." *Fertility & Sterility*. doi: 10.1016/j.fertnstert.2023.07.006

Lazzari, Ester, and Katherine Tierney. 2023. "Parental Sociodemographics of Medically Assisted Reproduction Births in the United States: A Dyadic Population-Level Study." *F&S Reports*. doi: 10.1016/j.xfre.2023.05.008.

Tierney, Katherine I. and Amber I. Urban. 2022. "‘I Just Think It’s Weird’: The Nature of Ethical and Non-Ethical Concerns about Infertility Treatments among Black and White Women in U.S. Graduate Programs." *Human Fertility*. doi: 10.1080/14647273.2022.2136014

Tierney, Katherine I. 2022. "Geographic Distribution of Assisted Reproductive Technology Clinics in the USA: A Multilevel Sociodemographic Analysis." *Journal of Assisted Reproduction and Genetics*. doi: 10.1007/s10815-022-02607-9.

Tierney, Katherine. 2022. "The Future of Assisted Reproductive Technology Live Births in the United States." *Population Research and Policy Review*. doi: 10.1007/s11113-022-09731-5.

Tierney, Katherine I., and Samuel Fishman. 2022. "Accounting for Past Patient Composition in Evaluations of Quality Reporting." *Health Services Research* 57(3):668–80. doi: 10.1111/1475-6773.13942.

Tierney, Katherine. 2020. "Is There Evidence of Weathering among Women Seeking Fertility Treatments?: Evidence and Insights." *Social Science & Medicine* 247:112816. doi: 10.1016/j.socscimed.2020.112816.

Tierney, Katherine, and Yong Cai. 2019. "Assisted Reproductive Technology Use in the United States: A Population Assessment." *Fertility and Sterility* 112(6):1136-1143.e4. doi: 10.1016/j.fertnstert.2019.07.1323.

Tierney, Katherine I. 2019. "Abortion Underreporting in Add Health: Findings and Implications." *Population Research and Policy Review* 38(3):417–28. doi: 10.1007/s11113-019-09511-8.

Lewis, Valerie A., Katherine I. Tierney, Taressa Frazee, and Genevra F. Murray. 2019. "Care Transformation Strategies and Approaches of Accountable Care Organizations." *Medical Care Research and Review* 1077558717737841. doi: 10.1177/1077558717737841.

Lewis, Valerie A., Katherine I. Tierney, Carrie H. Colla, and Stephen M. Shortell. 2017. "The New Frontier of Strategic Alliances in Health Care: New Partnerships under Accountable Care Organizations." *Social Science & Medicine* 190:1–10. doi: 10.1016/j.socscimed.2017.04.054.

Lewis, Valerie A., Carrie H. Colla, Katherine Tierney, Arica D. Van Citters, Elliott S. Fisher, and Ellen Meara. 2014. "Few ACOs Pursue Innovative Models That Integrate Care For Mental

Illness And Substance Abuse With Primary Care.” *Health Affairs* 33(10):1808–16. doi: 10.1377/hlthaff.2014.0353.

Manuscripts under Review

Greil, Arthur L., Katherine I. Tierney, and Ann V. Bell. “The Health Disparities Process: Synthesizing Fundamental Cause Theory with Theories of Health.”

Tierney, Katherine I., Greil, Arthur L., and Ann V. Bell. “Socioeconomic and Racial/Ethnic Inequalities in Infertility Prevalence, Help-Seeking, and Help Received Since 1995.”

Tierney, Katherine I., Ellen Wagenfeld-Heintz, Cynthia Bane, Silvia Linares, Megan Sandberg, Drew Moss, Claudia Waters, Lynette Gumbleton, Joi Presberry, Silvia Linares, and Catherine Kothari. “Discrimination, Vigilance, and Patient-Provider Relationships among Perinatal Women: A Mixed Methods Study.”

Manuscripts in Preparation

Tierney, Katherine I., Dougherty, Fiona, Urban, Amber I., and April Hovav. “‘I highly doubt he's blaming himself’: Gendered Infertility Schemas Among Highly Educated Women in the United States.”

Tierney, Katherine I., Greil, Arthur L., and Ann V. Bell. “Measurement of Perceived Infertility.”

Tierney, Katherine I. and Karen Benjamin Guzzo. “Advanced Maternal Age: Demographic Explanations and Maternal Mortality Consequences.”

Tierney, Katherine I., Ama Otoo, and Kathleen Baker. “How Far is the Clinic? Distance to Assisted Reproductive Technology Clinics in the United States.”

Tierney, Katherine I. and Kelsey Sullivan. “Fertility Treatment-Seeking Among Men Cancer Survivors: Evidence from the National Survey of Family Growth.”

Tierney, Katherine I. “Inequalities in Fertility-Impacting Cancers among Youth and Young Adult Populations in the United States.”

Other Publications

Tierney, Katherine I., Aleen Saunders, and Valerie A. Lewis. 2014. *Creating Connections: An Early Look at the Integration of Behavioral Health and Primary Care in Accountable Care Organizations*. The Commonwealth Fund.

GRANTS AND AWARDS

Funded Grants

2023 “Inequalities in Infertility and Treatment among Young Cancer Survivors in the United States: Identifying Associations and Exploring Structural Mechanisms.” Faculty

- Research and Creative Activities Award, Western Michigan University. Principal Investigator. *Award Amount: \$14,980.*
- 2019 Pilot Project Funds. Department of Sociology, University of North Carolina at Chapel Hill. Principal Investigator. *Award Amount: \$500.*
- 2016 Graduate Research Fellowship Program, National Science Foundation. Awardee. *Award Amount: \$34,000 stipend and \$12,000 tuition and fee support for 3 years.*
- Unfunded or Pending Grant Applications*
- 2023 “Green Gentrification and Sociodemographic Segregation in the Great Lakes Region (GLR).” Russell Sage Foundation Grant – Social, Political, and Economic Inequality. Co-Investigator. PI: Jason Beasley, Economics, Western Michigan University. *Total Costs: \$152,000. Letter of Intent Submitted. Unfunded.*
- 2023 “GLRI and Green Gentrification.” Michigan Sea Grant 2023. Co-Investigator (40%), PI: W. Jason Beasley, Economics, Western Michigan University. *Total Costs: \$95,767. Unfunded.*
- Awards*
- 2017 Theory to Practice Paper Award. Academy of Management Health Care Management Section. Co-Author.

TEACHING EXPERIENCE

Instructor of Record

Western Michigan University

Undergraduate Courses Taught

- Modern Social Problems (Fall 2020-Hyflex/Hybrid, Spring 2021-Synchronous Online, Fall 2021-In-Person, Spring 2022-Synchronous Online, Fall 2022-Synchronous Online, Spring 2023-In-Person, Fall 2023-In-Person, Spring 2024-In-Person)
- Principles of Sociology (Fall 2020-Hyflex/Hybrid, Spring 2021-Synchronous Online, Fall 2021-In-Person, Spring 2022-Synchronous Online, Fall 2022-Synchronous Online, Spring 2023-Lee Honors College section-In-Person, Fall 2023-In-Person)
- Gender and Technology (Fall 2022-In-Person)

Graduate Courses Taught

- Race, Ethnicity, and Health in the United States (Spring 2022-In-Person)

University of North Carolina at Chapel Hill

Undergraduate Courses Taught

- Family and Society (Spring 2019-In-Person)
- Introduction to U.S. Population Health (Fall 2018-In-Person)

Teaching Assistant

University of North Carolina at Chapel Hill

- Data Analysis, Instructor: Dr. Yong Cai (Spring 2016)
- Data and Measurement, Instructor: Dr. Mosi Ifatunji (Fall 2015)

INVITED PRESENTATIONS

- 2021 Tierney, Katherine I. (March). "Red Light, Green Light: Social Context and Racial Disparities in ART." *University of North Carolina at Chapel Hill's Reproductive, Perinatal and Pediatric Epidemiology Seminar*. Invited Talk.

PRESENTATIONS & POSTERS

Bold Indicates Presenter

- 2023 **Tierney, Katherine I.** and Ester Lazzari. "COVID-19 and Medically Assisted Live Birth Rates in the United States." Paper presented at the annual meeting of the American Sociological Association. Philadelphia, P.A., August.
- 2023 Hagins, Carly, **Betsy Barnhart**, and Katherine I. Tierney "To Mandate or Note to Mandate: Internships in Industrial Design Education." Paper presented at the International Applied Human Factors and Ergonomics Conference. San Francisco, C.A., July.
- 2023 **Tierney, Katherine I.**, Arthur L. Greil, and Ann V. Bell. "Can Fundamental Cause Theory Explain Socioeconomic and Racial and Ethnic Inequalities in Infertility Prevalence, Diagnoses, and Treatment Utilization?" Paper presented at the annual meeting of the Population Association of America. New Orleans, L.A., April.
- 2023 Tierney, Katherine I., **Fiona Dougherty**, Amber I. Urban, and April Hovav. "I highly doubt he's blaming himself": Women's Understanding of Gender in Infertility." Poster presented at the annual meeting of the Population Association of America. New Orleans, L.A., April.
- 2023 **Hagins, Carly**, Besty Barnhart, and Katherine I. Tierney. "Interests, Applications, & Placements: the Role of Gender in Industrial Design Internships." Presented at the Cumulus Conference. Antwerp, Belgium. April.
- 2023 Tierney, Katherine I., Fiona Dougherty, **Amber I. Urban**, and April Hovav. "Hopefully, He's a Nice Guy: Gendered Scripts and Schemas Related to Infertility." Paper presented at the annual meeting of the North Central Sociological Association. Grand Rapids, M.I., March.
- 2022 **Tierney, Katherine I.** "Geographic Access to Assisted Reproductive Technology: A Tract and County Multilevel Sociodemographic Analysis." Paper presented at the annual meeting of the American Sociological Association, Los Angeles, C.A., August.
- 2022 Tierney, Katherine I., Nicole Pearce, **Emily Miller**, Agnieszka Steiner, **Kathryn Tighe**, Joi Presberry, and Catherine Kothari. "Barriers to Postpartum Care: A Mixed Methods Study of Midwestern Postpartum Women." Poster presented at WMed Research Day, Kalamazoo, M.I., April.
- 2022 **Tierney, Katherine I.** "The Future of Assisted Reproductive Technology Live Births in the United States." Paper presented at the annual meeting of the Population Association of America, Hybrid Online and In-Person, April.
- 2022 **Tierney, Katherine I.** "Where the ART Clinics Are (Not): A Sociodemographic Multilevel Analysis of U.S. ART Clinics." Paper presented at the annual meeting of the Eastern Sociological Society, Boston, M.A., March.
- 2022 **Greil, Arthur L.**, Katherine I. Tierney, and Ann V. Bell. "Revisiting Meta-mechanisms in Fundamental Cause Theory: The Case of Disparities in Infertility." Paper presented at

- the annual meeting of the Eastern Sociological Society, Boston, M.A., March.
- 2021 **Tierney, Katherine I.** and Amber I. Urban. “It’s Just Weird’: Ethical Concerns about Infertility Treatments among Highly-Educated Black and White Women.” Paper presented at the annual meeting of the American Sociological Association, Virtual Meeting, August.
- 2021 **Tierney, Katherine I.** “When Education Isn’t Enough: Knowledge about In-Vitro Fertilization among Highly-Educated Black and White Women.” Referred Roundtable presentation at the annual meeting of the American Sociological Association, Virtual Meeting, August.
- 2020 **Tierney, Katherine I.** “The Future Impacts of Assisted Reproductive Technology in the United States across Sociodemographic Groups.” Paper accepted for presentation at the annual meeting of the Population Association of America. Conference cancelled due to COVID-19.
- 2020 **Tierney, Katherine I.** “It’s in the Zeitgeists’: Knowledge and Perceptions of ART among Black and White Women Pursuing Graduate Education.” Paper presented at the Reproductive Technologies, Reproductive Justice Conference, Harvey Mudd College, Claremont, C.A., February.
- 2019 **Tierney, Katherine I.** “Investigating the Role of Weathering in Racial and Ethnic Disparities in Assisted Reproductive Technology Outcomes.” Paper presented at the annual meeting of the American Sociological Association, New York, N.Y., August.
- 2019 **Tierney, Katherine I.** and Yong Cai. “Assisted Reproductive Technology in the United States: A Population Assessment.” Paper presented at the annual meeting of the American Sociological Association, New York, N.Y., August.
- 2019 **Tierney, Katherine I.** and Yong Cai. “Assisted Reproductive Technology in the United States: A Demographic Assessment.” Poster presented at the annual meeting of the Population Association of America, Austin, T.X., April.
- 2017 **Lewis, Valerie A.,** Katherine Tierney, Carrie H. Colla, Stephen M. Shortell. “The New Frontier of Strategic Alliances: Partnership Under Accountable Care Organizations.” Paper presented at the annual meeting of the Academy of Management, Atlanta, G.A., August.
- 2014 **Tierney, Katherine I., Taressa Frazee,** Valerie A. Lewis, Carrie H. Colla. “Participation of Safety Net Providers in ACOs.” Paper presented at the Advancing Accountable Care Organizations in Medicaid: A Learning Collaborative, Virtual, September.
- 2014 **Tierney, Katherine I.,** Valerie A. Lewis, Aleen L. Saunders. “Creating Connections: An Early Look at the Integration of Behavioral Health into Primary Care within ACOs.” Paper presented at the Health Policy Fellow Symposium, Dartmouth Institute for Health Policy and Clinical Practice, Hanover, N.H., July.
- 2011 **Tierney, Katherine I.** “Body Esteem, Acculturation, and Disordered Eating among Latina and Brazilian Girls.” Paper presented at the Ruhlman Conference, Wellesley College, Wellesley, M.A., May.

SERVICE & SOCIETY MEMBERSHIP

Professional Society Memberships

2019-Present Population Association of America

- 2018-Present American Sociological Association
Section Member: Medical Sociology, Sociology of Population, Family
(2018-Present)
- 2011-Present Phi Beta Kappa
- 2019-2021 Sociologists for Women in Society
- 2011-2012 Sigma Xi

Departmental, College, and University Service

- 2021-Present Member, Central Undergraduate Committee, Department of Sociology,
Western Michigan University
- 2021-Present Representative for the Department of Sociology, Association Council, Western
Michigan University-American Association of University Professors
- 2022-Present Member, Sociology Program Committee, Department of Sociology, Western
Michigan University
- 2022-Present Member, Grant Review Committee, College of Arts and Sciences, Western
Michigan University
- 2023 Member, Strategic Planning Committee, College of Arts and Sciences, Western
Michigan University
- 2023-Present Chair, Ad Hoc Social Events Committee, Department of Sociology, Western
Michigan University

Service to the Profession

- 2021- 2022 Member, Diversity, Equity, and Inclusion Ad Hoc Committee, Medical
Sociology Section of the American Sociological Association
- 2021-2022 Round Table Organizer, Family Section of the American Sociological
Association
- 2023-2024 Session Organizer, Population Association of America
- 2023-2024 Member, Student Paper Award Committee, Sociology of Population Section
of the American Sociological Association
- 2024- Present Editorial Board, Sociological Forum

Invited Expert Reviewer: American Journal of Sociology, American Sociological Review,
Demography, Human Reproduction, Population Research and Policy Review, Social Science &
Medicine, Journal of Racial and Ethnic Health Disparities, Journal of Assisted Reproduction and
Genetics, PLOS One, Reproductive BioMedicine and Society Online, International Journal of
Behavioral Medicine, American Journal of Perinatology, Women's Health Reports

OTHER PROFESSIONAL & VOLUNTEER EXPERIENCE

Graduate Research Intern

The Guttmacher Institute, New York City, N.Y., March 2017-February 2019

Research Assistant

Laura Lopez-Sanders, The University of North Carolina at Chapel Hill, Chapel Hill, N.C.,
August 2016-May 2017

Independent Contractor

The Dartmouth Institute for Health Policy and Clinical Practice, Lebanon, N.H., April 2016-
September 2016

Health Policy Fellow

The Dartmouth Institute for Health Policy and Clinical Practice, Lebanon, N.H., July 2013-July
2015

Volunteer Crisis Line Advocate

WISE of the Upper Valley, Lebanon, N.H., 2012 November 2012- October 2013

Research Coordinator

West Central Behavioral Health, Claremont, N.H., December 2012-July 2013

Case Manager, Enhanced Care Team

West Central Behavioral Health, Claremont, N.H., February 2012-July 2013