

Danielle R. Gartner, Ph.D., M.S.

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Current Position

Assistant Professor
Michigan State University, East Lansing, MI
College of Human Medicine
Department of Epidemiology & Biostatistics
Affiliate Faculty, American Indian & Indigenous Studies

Education

- | | |
|---|------|
| Ph.D., Social Epidemiology
University of North Carolina at Chapel Hill
Gillings School of Global Public Health
<i>Dissertation Title:</i> Racial and geographic variation in treatment with hysterectomy among reproductive aged women with non-cancerous gynecologic conditions:
Studies of North Carolina
<i>Chair:</i> Whitney Robinson, Ph.D. | 2019 |
| M.S., Environmental Justice
University of Michigan at Ann Arbor
School of Natural Resources and Environment
<i>Project Title:</i> Biodiversity Conservation and Adaptive Collaborative Management of Jamaica's Blue and John Crow Mountains National Park
<i>Advisors:</i> Rebecca Hardin, Ph.D. & Ivette Perfecto, Ph.D. | 2008 |
| B.A./B.A., Medical Anthropology and Evolutionary Biology
Case Western Reserve University, Cleveland, OH
<i>Capstone Title:</i> An Exploration of the Waste at Case
<i>Advisors:</i> Cynthia Beall, Ph.D. & Lawrence Greksa, Ph.D. | 2006 |
| Semester Abroad
University of Khon Kaen, Thailand
<i>Emphasis:</i> International Development Studies | 2004 |

Research Interests

Indigenous epidemiology; Obstetric & gynecologic health; Perinatal mental health; Health services; Population health science; Reproductive health & justice; Social & spatial epidemiology; Measurement of racial health disparities; Community-based research; Mixed methods; Policy impacts; Historical trauma events & responses

Past Positions

Postdoctoral Research Associate Michigan State University: East Lansing, MI <i>Mentor:</i> Claire Margerison, Ph.D.	2019-21
Data Analyst Wayne State University: Detroit, MI <i>PI:</i> Joanne Sobeck, Ph.D.	2016-19
Program Director Garden and Youth Program Manager Growing Hope: Ypsilanti, MI	2013-14 2011-13
Natural Resource Analyst University of Michigan at Flint Center for Applied Environmental Research	2008-11
Research Assistant I University of Michigan at Ann Arbor Substance Abuse Section <i>PI:</i> Anne Buu, Ph.D., Ph.D.	2006-07
Research Assistant Rainbow Babies and Children's Hospital: Cleveland, OH <i>PI:</i> Mark Palmert, M.D., Ph.D.	2005-06
AmeriCorps Member Case Western Reserve University Center for Community Partnerships	Summer 2004

Peer Reviewed Manuscripts

UNDER REVIEW OR IN REVISION

Barnes-Najor, J., A. Cameron, **D. Gartner**, C. Hopps, H. Howard-Bobiwash, P. Koval, M. Leask, L. Martin, J. Saucedo, R. Schneider, B. Stonefish, C. Wentworth.

Stories and reflections from Gichigami: Recentring Indigenous knowledge in early childhood development through land-based practices. *Early Childhood Development Quarterly. Special Issue, Under Review.*

*Sherman, B., J. Islam, **D. Gartner**

Lack of regional variation in HPV vaccination knowledge and awareness among American Indians and Alaska Natives: an analysis of the Health Information National Trends Survey (HINTS), 2011-2020. *Cancer. Under Review.*

PUBLISHED OR IN PRESS

Gartner, D., *C. Maples, M. Nash, H. Howard-Bobiwash. Misracialization of Indigenous people in population health and mortality studies: A scoping review to establish promising practices. *Epidemiologic Reviews. In Press.*

Gartner, D., J. Islam, C. Margerison
Medicaid expansions and differences in guideline adherent screening between American Indian and White women. *Cancer Medicine*. *In Press*.

McClure, E., **D. Gartner**, R. Bell, T. Cruz, M. Nocera, S. Marshall, D. Richardson
Challenges with misclassification of American Indian / Alaska Native race and Hispanic ethnicity on death records in North Carolina: Study of occupational fatalities surveillance. *Frontiers in Epidemiology*. *In Press*.

Gartner, D., M. Debbink, J. Brooks, C. Margerison
Inequalities in cesarean births to American Indian & Alaska Native and White people. *Health Services Research*. 2023, 52(8).

Sobeck, J., J. Smith-Darden, **D. Gartner**, L. Kaljee, B. Pieper, A. Gilliland, P. Kilgore, M. Zervos
Antibiotic knowledge, misbeliefs, and behaviors: Testing competing hypotheses using a community sample. *Journal of Health Communication*. 2022, 37(7).

Gartner, D., R. Kaestner, C. Margerison
Impacts of the Affordable Care Act's Medicaid expansion on live births. *Epidemiology*. 2022 May, 33(3).

Wright, M., K. Doll, E. Myers, W. Carpenter, **D. Gartner**, W. Robinson
Changing trends in Black-White racial differences in surgical menopause: a population-based study in the 2010s. *American Journal of Obstetrics and Gynecology*. 2021 Nov, 225(5).

Gartner, D., Wilbur, R., M. McCoy
"American Indian" as a racial category in public health: implications for communities and practice. *American Journal of Public Health*. 2021 Nov, 111(11).

Gartner, D., P. Delamater, R. Hummer, J. Lund, B. Pence, W. Robinson
Patterns of black and white hysterectomy incidence among reproductive aged women. *Health Services Research*. 2021 Oct, 56(5).

Margerison, C.E., R. Kaestner, K. Hettinger, S. Goldman-Mellor, **D. Gartner**
Medicaid expansion associated with some improvements in perinatal mental health. *Health Affairs*. 2021 Oct, 40(10).

Zalla, L., C. Martin, J. Edwards, **D. Gartner**, G. Noppert
A Geography of Risk: Structural racism and COVID-19 mortality in the United States. *American Journal of Epidemiology*. 2021 Aug, 190(8).

Fliss, M., **D. Gartner**, E. McClure, J. Ward, S. Rennie
Public health, private names: Ethical considerations of branding schools of public health in the United States. *Critical Public Health*. 2021, 31(4).

Gartner, D., A. Krome-Lukens, P. Delamater
Geographic proximity to Raleigh and its association with female sterilization during the mid 20th century. *Southeastern Geographer*. 2020 Fall, 60(3).

Gartner, D., P. Delamater, R. Hummer, J. Lund, B. Pence, W. Robinson

Integrating surveillance data to estimate contemporary and accurate race/ethnicity-specific hysterectomy inequalities among reproductive aged women: Who's at risk? *Epidemiology*. 2020 May, 31(3).

Ward, J., **D. Gartner**, M. Fliss, E. McClure, K. Keyes, W. Robinson
How do we assess a racial disparity in health? Distribution, interaction, and interpretation in epidemiologic studies. *Annals of Epidemiology*. 2019 Jan, 29(1).

Gartner, D., K. Doll, R. Hummer, W. Robinson
Contemporary geographic variation and socio-demographic correlates of hysterectomy rates among reproductive aged women. *Southern Medical Journal*. 2018 Oct, 111(10).

Gartner, D., D. Taber, J. Hirsch, W. Robinson
The spatial distribution of gender differences in obesity prevalence differs from overall obesity prevalence among US adults. *Annals of Epidemiology*. 2016 Apr, 26(4).

IN PROGRESS

*Pauley, E., C. Margerison, **D. Gartner**

Correlates of desire for sterilization reversal among a representative sample of reproductive-aged individuals in the United States. *Target Journal: Journal of Women's Health*.

Islam, J., **D. Gartner**, D. Vidot, C. Wheldon, M. Camacho-Rivera
Trends in breast and cervical cancer screening among women in the United States: an analysis using Health Information National Trends Survey (2011-2019). *Target Journal: American Journal of Preventive Medicine*.

Gartner, D., K. Hettinger, C. Margerison
Equity in pre-pregnancy healthcare engagement before and after the Affordable Care Act. *Target Journal: Health Equity*.

MacCallum-Bridges, C., **D. Gartner**, K. Hettinger, Y. Zamani-Hank, C. Margerison
Did the Affordable Care Act promote racial equity in health among women of reproductive age?: A scoping review.

Islam, J., **D. Gartner**, F. Rizza, M. Camacho-Rivera, A. Llanos, Y. Guo, S. Staras, K. Turner, S. Christy, S. Vadapampil, A. Giuliano, J. Tsui`.
The role of area-level socioeconomic status and health care access with advanced stage at diagnosis among racial/ethnic minoritized women with cervical cancer in the US.

*denotes a student mentee

Book Chapters or Reports

UNDER REVIEW OR IN REVISION

Howard-Bobiwash, H., **D. Gartner**, M. Nash

Covid, post-partum mental health and the decolonization of Indigenous family services. In: *Covid's Chronicities*. Edited book. *Abstract Accepted, In Progress*.

PUBLISHED OR IN PRESS

Gartner, D., R. Wilbur

Exploring public health's role in addressing historical trauma among US Indigenous populations. In: Barrett, D., Ortmann, L., Larson, S. (eds) Narrative Ethics in Public Health: The Value of Stories. Public Health Ethics Analysis, vol 7. Springer Cham.

Shelton, B., M. Johnson, **D. Gartner**, M. McCoy, R. Wilbur

Trigger Points: Current state of research on history, impacts, and healing related to the United States' Indian boarding school policy. Native American Rights Fund. 2019 Oct. (Report)

Grant Activity

FUNDED, EXTERNAL

Nutrition & Healthy Lifestyles

Michigan Health Endowment Fund, "Nourishing Indigenous Children with Cultural Health & Equity", PI, 12%; 2022-2024

Policies for Action: Public Policy Research to Advance Racial Equity and Racial Justice

Robert Wood Johnson Foundation, "Impacts of the Affordable Care Act on Equity in Health Care Access and Utilization for Indigenous Women", Co-PI, 25%; 2021-2023.

Loan Repayment Program, Health Disparity Scholar

Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD), "Identifying policy levers to reduce socioeconomic and racial disparities in women's reproductive health"; 2020-2022

National Research Service Award (NRSA) – NIH Individual Fellowship (F31)

Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD), "Non-Clinical and Contextual Factors Associated with Hysterectomy in North Carolina"; PI 100% FTE; Co-Sponsors: Robert Hummer and Whitney Robinson: 2017-19

The Impact of the Boarding School Era on Native Americans Today

Native American Rights Fund, "Federal Indian Boarding Schools: An Interdisciplinary Review of Existing Research"; Co-Investigator at 5% FTE: 2018

Racial and Ethnic Approaches to Community Health (REACH)

Centers for Disease Control, "Healthy by Default, Ypsilanti, MI", PI: Amanda Edmonds; Collaborator at 25% FTE: 2013-14

SNAP-Education in Ypsilanti, Michigan

Michigan Nutrition Network, "Health Food Access in Ypsilanti, Michigan", 75% FTE: 2011-14

Place-based Education in Flint, Michigan

Great Lakes Fisheries Trust, "Discovering PLACE", 75% FTE: 2009-11

FUNDED, INTERNAL

Science & Society at State Interdisciplinary Seed Grant

Michigan State University, "Indigenous approaches to postpartum mental health: Exploring opportunities for community-based growth and solutions": 2020-2021

Horace H. Rackham School of Graduate Studies Travel Award, University of Michigan: 2008

School of Natural Resources and Environment Travel Award, University of Michigan: 2008

Rackham International Research Award, University of Michigan, International Institute: 2007

School of Natural Resources and Environment Research Award, University of Michigan: 2007

Support of Undergraduate Research and Creative Endeavors (SOURCE) Award, Case Western Reserve University: 2005

Conference Presentations & Invited Talks

Gartner, D.

Overview of common shortcomings and challenges in working with data to support Indigenous family health and well-being. Symposia presentation at the annual meeting of the Society for Pediatric and Perinatal Epidemiology, Portland, OR: Jun 2023.

Gartner, D.

What to do when you have small sample size for racial groups: a focus on Indigenous health. Symposia presentation at the annual meeting of the Society for Epidemiologic Research, Portland, OR: Jun 2023.

Wilbur, R., M. McCoy, **D. Gartner**, J. Doefler, S. Eades, J. Gone
Identifying the Utility of "Survivance" within Studies of Indigenous Health. Panel presentation at the Annual Meeting of the Native American and Indigenous Studies Association. Toronto, Canada: May 2023.

Gartner, D.

The How and Why Matters: Insights into research principles and practices when partnering with Indigenous communities. Invited talk at RELevent2 (RWJF conference for fundees), Virtual: Feb 2023.

Islam, J., B. Sherman, **D. Gartner**

Missed opportunities: Low engagement of healthcare providers in HPV-related discussion with American Indian and Alaska Natives, by US region, 2011-2020. Oral presentation at Eurogin, Bilbao, Spain: Feb 2023.

Gartner, D., C. Maples, M. Nash, H. Howard-Bobiwash

Misracialization of American Indian and Indigenous Americans in population health studies: A scoping review to establish promising practices. Interdisciplinary Society for Population Health Science, Minneapolis, MN: Oct 2022.

Gartner, D., N. Pingatore, S. Laing

Methodological & conceptual considerations when estimating cancer health disparity indicators among small, Native American populations. Society for Epidemiologic Research, Chicago, IL: Jun 2022.

Gartner D.

Equity-oriented epidemiologic studies of women's reproductive health. Invited seminar for the Department of Epidemiology and Biostatistics, Michigan State University, East Lansing, MI: Jan 2021.

Gartner D.

Assessing the ACA's impact on racial disparities in reproductive health: What is trust responsibility and why does it matter for understanding the health of Native nations? Symposia presentation at the annual meeting of the Society for Epidemiologic Research, Online: Dec 2020.

Gartner D., J. Brooks, R. Hummer, C. Margerison

Application of a clinically-relevant obstetric classification system for improved understanding of low cesarean section delivery among American Indians and Alaska Natives. Presentation at the International Meeting on Indigenous Women's Health. Albuquerque, NM: Feb 2020.

Gartner D.

Finding ways to decolonize quantitative public health research. Invited presentation for the Voices on Campus series hosted by the American Indian and Indigenous Studies program at Michigan State University, East Lansing, MI: Nov 2019.

Gartner D., J.Y. Islam, C. Keeler, K. LeMasters, E.S. McClure, A.J.L. Quist, A. Wilkie
Zine development as a pedagogical tool for critically evaluating how social justice and epidemiology relate. Presentation at the annual meeting of the American Public Health Association, Philadelphia, PA: Oct 2019.

Gartner D., M. McCoy, R. Wilbur

The long-term impacts of federal Indian boarding schools: A review of existing biomedical, social sciences, and humanities research. Invited presentation for the Initiative for Minority Excellence's 'Beyond These Walls' student showcase series, Chapel Hill, NC: Nov 2018.

Gartner D., M. McCoy, R. Wilbur

Finding the research and resources we need: strategies for accessing boarding school research. Presentation at the National Native American Boarding School Healing Coalition meeting, Carlisle, PA: Oct 2018.

Gartner D., R. Hummer, P. Delamater, J. Lund, B. Pence, W. Robinson

Bridging datasets and disciplines: opportunities and challenges in creating accurate and population-relevant, racial/ethnic-specific hysterectomy rates. Poster presentation at the Interdisciplinary Association for Population Health Science, Washington DC: Oct 2018.

Gartner D., R. Hummer, P. Delamater, J. Lund, B. Pence, W. Robinson

Who's at risk? Racial/ethnic-specific estimates of hysterectomy incidence among women with benign gynecologic conditions in North Carolina. Poster presentation at the Society for Epidemiologic Research, Baltimore, MD: Jun 2018.

Gartner D., J. Brooks, R. Hummer

Risk of primary cesarean section among low-risk American Indian women and the role of the Indian Health Service. Poster presentation at the Population Association of America, Denver, CO: Apr 2018.

Gartner D., C. Douglas, W. Robinson

Hysterectomy is still common, and markedly so, in the southern US: BRFSS, 1993-2012. Poster presentation at the Population Association of America, Chicago, IL: Apr 2017.

Gartner D., K. Doll, W. Robinson

Area health resources, patient characteristics, and bilateral oophorectomy at time of hysterectomy in North Carolina: A multilevel analysis. Poster presentation at the Academy Health Annual Meeting, Boston, MA: Jun 2016.

Gartner D., K. Doll, W. Robinson

Hysterectomy in North Carolina: Contextual factors associated with higher county-level rates. Poster presentation at the Population Association of American Annual Meeting, Washington DC: Mar 2016.

Edmonds A., **D. Gartner**

What can you grow in a square: the importance of quantifying and qualifying small plot food growing. Presentation at the Washtenaw County Local Food Summit, Washtenaw Community College, Ann Arbor, MI: Feb 2013

Gartner D.

Environmental justice and place-based education in Flint. Presentation at the Social Justice Now Symposium, University of Michigan-Flint, Flint, MI: Mar 2010

Gartner D., J. Worker

Livelihoods and co-management in and around Jamaica's Blue and John Crow Mountains National Park. Presentation at the Livelihoods and Conservation Symposium, University of Michigan, Ann Arbor, MI: Apr 2009

Gartner D., E. Nellums, A. Ruszaj, J. Worker

Biodiversity conservation and adaptive collaborative management of Jamaica's Blue and John Crow Mountains National Park. Poster presentation at the International Association for Society and Natural Resources Annual Meeting, Burlington, VT: Jun 2008

Cheung, P., **D. Gartner**

An exploration of the waste at Case. Poster presentation at the Undergraduate Research Symposium held at Case Western Reserve University, Cleveland, OH: Apr 2006

*student-led work

Teaching

Preceptor

Michigan State University

Spring 2022 & 2023

Course: Intersession (first year medical students): Epidemiology & Evidence Based Medicine

Instructor

Michigan State University

Course: EPI 380: Applied Analytic Methods in Health Studies II

Fall 2020, 2022

Teaching Assistant

Summer 2019

University of North Carolina at Chapel Hill
Course: SPGH 712: Methods and Measures for Public Health Practice
Instructor: Karin Yeatts, Ph.D.

Teaching Assistant Fall 2016

University of North Carolina at Chapel Hill
Course: EPID 816: Analytic Methods in Observational Epidemiology
Instructors: Brian Pence, Ph.D. & Steve Marshall, Ph.D.

Guest Lecturer Fall 2010

University of Michigan at Flint
Course: How Urban Planning Works in Flint

Teaching Assistant Spring 2008

University of Michigan at Ann Arbor
Course: Global Change II

Student Mentoring

General Advisor

Michigan State University
Bendu Sherman (Epidemiology), doctoral student 2021-Present

Graduate Research Assistant

Michigan State University
Madeline Nash (Sociology), doctoral student 2020-2022
Florence Kizza (Epidemiology), doctoral student 2022-Present

Research Mentor

Michigan State University
Elizabeth Pauley (Michigan State University), expected graduation: 2023 2020-Present
Ceco Maples (Michigan State University), expected graduation: 2023 2021-Present
Leslie Reyes (Roosevelt University), expected graduation: 2023 Summer 2022

University of North Carolina at Chapel Hill 2015-16, 2018

Carolina Population Center Internship Program
Christopher Cortina (University of North Carolina), graduated: 2019
Ugo Ikoro (University of North Carolina), graduated: 2019
Asha Tuli (Meredith College), graduated: 2017
Kadejah Murray (University of North Carolina), graduated: 2017
Corrine O'Brien (University of North Carolina), graduated: 2017

University of Michigan at Ann Arbor Summer 2012
Undergraduate Research Opportunities Program
Shaina Shetty (University of Michigan), graduated: 2015

Fellowships, Awards, Honors

American Journal of Epidemiology, Reviewer of the Year 2020

Reviewers of the Year are chosen by the Journal's Editorial Board based on timeliness and quality of reviews.

Delta Omega (Theta Chapter) Inductee 2020
The national honorary public health society to recognize academic and professional achievement in public health.

Impact Award 2019
Awarded by the University of North Carolina's Graduate Education Advancement Board for research that directly contributes to the educational, economic, physical, social, or cultural well-being of North Carolina citizens.

Michel Ibrahim Fellowship 2017-18
Awarded by the Epidemiology Department at the University of North Carolina.

US Policy Communications Fellow 2017 & 2018
Was selected to participate in a year-long policy communications training held by the Population Reference Bureau.

Blue Ribbon Poster Awards 2017 & 2018
Interdisciplinary Association for Population Health Science Annual Meeting
Population Association of America Annual Meeting

North Carolina Native American Incentive Awards 2016, 2017
For service to the Native American community of North Carolina.

National Research Service Award (NRSA) – NIH Institutional Fellowship (T32) 2014-17
One of 10 predoctoral trainees funded through this competitive university-wide training grant.

Alan Hirsch Memorial Native American Fellowship 2006-07
University of Michigan at Ann Arbor

Service & Affiliations

SERVICE, ACADEMIC

Session Chair, Health Disparities, Society for Epidemiologic Research's annual meeting: 2023.

Ad hoc NIH study section, Council ZRG1 SCIL-H 55 S (PAR-20-238: Intervention Research to Improve Native American Health), November 2022.

Recruitment Committee Chair, Epidemiology & Biostatistics Department, Michigan State University: 2022-present

Recruitment Committee member, Epidemiology & Biostatistics Department, Michigan State University: 2021-2022

Leadership Advisory Committee in Epidemiology & Biostatistics (LACE) member, Epidemiology & Biostatistics Department, Michigan State University: 2021-present

Planning Committee, Undergraduate Equity Internship, Epidemiology & Biostatistics Department, Michigan State University: 2020-present

Program Committee, Fertility, Family Planning, Sexual Behavior, and Reproductive Health, Population Association of America's annual meeting: 2021

Session Co-Chair, Health Disparities, Society for Epidemiologic Research's annual meeting: 2020.

Graduate Studies Committee, PhD Student Representative, Epidemiology Department, University of North Carolina at Chapel Hill: 2017-18

5th Annual Native Leaders Symposium: Identity & Health through Food, Committee Chair University of North Carolina at Chapel Hill: 2016-17

Minority Health Conference, Evaluation Committee, Gillings School of Global Public Health, University of North Carolina at Chapel Hill: 2014-15

SERVICE, PROFESSIONAL

Regional Alliance for Healthy Schools Community Advisory Council, Member, University of Michigan Health System: 2013-14

Food Access Policy Action Team, Member, Washtenaw County Food Policy Council: 2012-14

Ypsilanti Farm to School Collaborative, Member, Ypsilanti Community Schools: 2011-14

Minority Health Research Project Community Advisory Council, Member, University of Michigan Health System: 2012-13

SERVICE, VOLUNTEER

EAGLE: Educating Anishinaabe, Giving, Learning, and Empowering, Member, Michigan State University: 2019-present

Epidemiology & Justice Group, Founding Member, Gillings School of Global Public Health, University of North Carolina at Chapel Hill: 2018-19

First Nations Graduate Circle, Treasurer, University of North Carolina at Chapel Hill: 2017-19

North Carolina Environmental Justice Summit, Planning & Coordination Team, North Carolina Environmental Justice Network: 2015-17

AD HOC PEER REVIEW

American Journal of Obstetrics and Gynecology*, American Journal of Epidemiology**, Paediatric and Perinatal Epidemiology*, Social Forces, Public Health Reports, Clinical Epidemiology

*Under supervision of Dr. Whitney Robinson

†Co-reviewer with Dr. Claire Margerison

CURRENT PROFESSIONAL AFFILIATIONS

Society for Epidemiologic Research

Interdisciplinary Association for Population Health Science