

**CURRICULUM VITAE****KATY BACKES KOZHIMANNIL****IDENTIFYING INFORMATION****Academic Rank**

Associate Professor with tenure, Division of Health Policy and Management, School of Public Health, University of Minnesota (2015 – Present)

Assistant Professor, Division of Health Policy and Management, School of Public Health, University of Minnesota (2010 – 2015)

Graduate Faculty, Division of Health Policy and Management, School of Public Health, University of Minnesota (2010 - Present)

Graduate Faculty, Population Studies Minor, Minnesota Population Center, (2013 - Present)

Graduate Faculty, Occupational Health Services Research and Policy (OHSRP) academic training program, Midwest Center for Occupational Safety and Health (2014 - Present)

Graduate Faculty, Health Equity Minor, School of Public Health, University of Minnesota (2016-Present)

**Degrees Awarded**

<b>Degree</b>	<b>Institution</b>	<b>Date Degree Granted</b>
B.A.	University of Minnesota, Twin Cities International Relations and Spanish (summa cum laude)	1999
M.P.A.	Princeton University Public Affairs Concentration: Development Studies	2003
Ph.D.	Harvard University Health Policy Concentration: Methods for Policy Research (previously Evaluative Sciences and Statistics)	2009

**Certification**

Graduate Certificate in Demography Office of Population Research, Princeton University	2003
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## Employment

University of Minnesota, Twin Cities (2010 – present)	
Associate Professor, Division of Health Policy & Management	2015 - Present
Assistant Professor, Division of Health Policy & Management	2010-2015
Harvard Medical School (2007-2010)	
Postdoctoral Research Fellow, Department of Population Medicine	2009-2010
Predoctoral Research Fellow, Department of Ambulatory Care and Prevention	2007-2009
Research Assistant, Department of Ambulatory Care and Prevention	2006-2007
Harvard University, Harvard Project on American Indian Economic Development	
Research Assistant	2005-2006
<i>Other professional experience</i>	
Ibis Reproductive Health	
Project Manager	2003-2005
Population Services International	
Consultant	2003
World Bank, Multisectoral AIDS Program	
Consultant	2003
Hopkins Public Schools	
English as a Second Language (ESL) Instructor	2000-2001
United States Peace Corps	
Peace Corps Volunteer, Mozambique	1999-2000
<i>Current Membership in Professional Organizations</i>	
AcademyHealth	2006-Present
Child Health Services Research Interest Group	2011-2017
National Women's Health Network (NWHN)	2006-2017
Maternal and Child Health Life Course Research Network	2011-Present
American Public Health Association (APHA)	2013-2016
Maternal and Child Health Section	2013-2016
National Rural Health Association (NRHA)	2014-Present
Society for Maternal Fetal Medicine (SMFM)	2016-Present

## RESEARCH AND SCHOLARSHIP

### Honors and Awards (26 total)

Carol Weisman and Gary Chase Gender Based Award for top abstract in Women's Health at the AcademyHealth Annual Research Meeting (2018)  
2016 HCUP Outstanding Article of the Year Award, from AHRQ and AcademyHealth (2017)  
Alice S. Hersh New Investigator Award, AcademyHealth (2016)  
Honorable mention, Gibbs Leadership Prize for best manuscript in *Women's Health Issues* (2016)  
National guest scholar at the Stanford Clinical Excellence Research Center (2015-2016)  
Childbirth Collective Shining Star Award (2015)  
Labelle Lectureship in Health Services Research, McMaster University (2015)  
Public Health Impact Award, University of Minnesota School of Public Health (2015)  
*Health Affairs* Top 15 Most-Read Articles in 2013 "Cesarean delivery rates vary 10-fold among US hospitals; reducing variation may address quality and cost issues." (2014)  
Minnesota Population Center's IHIS Research Award "National Trends in Health Insurance Coverage of Pregnant and Reproductive-Age Women, 2000-2009" (2013)  
Honorable mention, Gibbs Leadership Prize for best manuscript in *Women's Health Issues* (2013)  
Elected and inducted into the Pi Chapter of Delta Omega Honorary Society in Public Health (2013)  
"Policy Implications of Rural-Urban Differences in Obstetric Care Trends" abstract selected by *JAMA* for call for papers associated with the AcademyHealth Annual Research Meeting (2013)  
Early Career Reviewer Program, Center for Scientific Review, National Institutes of Health (2012)  
Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Scholar, (2011-2014)  
University of Minnesota Institute for Diversity, Equity and Advocacy (IDEA) Multicultural Research Award (2011)  
Harvard Medical School Thomas O. Pyle Postdoctoral Fellowship (2009-2010)  
Harvard University Joan P. Curhan Citizenship Award (2009)  
Harvard University Dissertation Completion Grant (2008-2009)  
Postpartum Support International's Susan Hickman Research Award (2008)  
Harvard Medical School Pharmaceutical Policy Research Fellowship (2007-2009)  
Harvard University Certificate of Distinction in Teaching (2006, 2008)  
Agency for Healthcare Research and Quality Predoctoral Trainee, (2005-2006)  
Harvard University Graduate Prize Fellowship (2005-2009)  
Princeton University Benjamin R. Fielding Summer Internship Award (2002)  
Harry S. Truman Scholarship (1999)  
University of Minnesota A.I. Johnson Scholarship for Public Service (1998)

### Journal Editorial/Leadership Experience (4 total)

*Editorial Board.* Women's Health Issues (2018 – Present)  
*Founding Associate Editor.* Healthcare: the Journal of Delivery Science and Innovation. Section Editor, Patient-Centered Innovation (2012-2017)  
*Advisory Board.* Healthcare: the Journal of Delivery Science and Innovation (2017-Present)  
*Contributor.* American Journal of Managed Care Blog (2015 – Present)

### Journal Reviewer Experience (23 total)

JAMA: Journal of the American Medical Association (2012-2018)  
New England Journal of Medicine (2014-2017)  
Health Affairs (2013-2018)  
Women's Health Issues (2016-2017)

Healthcare: the Journal of Delivery Science and Innovation (2013-2017)  
Journal of Rural Health (2014-2017)  
American Journal of Obstetrics and Gynecology (2016-2017)  
Birth (2016-2017)  
Health Services Research (2010-2016)  
Maternal and Child Health Journal (2013-2016)  
Journal of Midwifery and Women's Health (2015-2016)  
JAMA Psychiatry (2015)  
PLOS Medicine (2015)  
Joint Commission Journal on Quality and Patient Safety (2015-2017)  
Journal of the American Board of Family Medicine (2015-2016)  
American Journal of Public Health (2013-2014)  
BMC Pregnancy and Childbirth (2014-2015)  
American Indian Culture and Research Journal (2014)  
Journal of Women's Health (2010-2013)  
Medicare & Medicaid Research Review (2012)  
Annals of Epidemiology (2010)  
Journal of Health Economics (2010)  
Pharmacoepidemiology and Drug Safety (2009)  
British Journal of Nutrition (2009)

**Grant Reviewer (2 total)**

Robert Wood Johnson Foundation, Research in Transforming Health & Health Care Systems,  
External Reviewer (2017)  
Early Career Reviewer Program, Center for Scientific Review, National Institutes of Health (2012)

**Clinical Resource Reviewer Experience (1 total)**

Obstetrics & Gynecology Peer Review Board at UpToDate (2014-Present)

**Research and Training Grants**

**External Sources (12 total, 7 as Principal Investigator)**

*Received at the University of Minnesota:*

Role: Principal Investigator (2018-present), Co-Investigator (2011-2018)  
Title: Rural Health Research Center Grant Program Cooperative Agreement  
Source: Health Resources and Services Administration (HRSA), Federal Office of Rural Health Policy (FORHP), Grant number U1CRH03717-09-00  
Dates: 9/1/2012-8/31/2020  
Amount: \$ 2,640,000 total (\$700,000 per year)

Role: Co-Investigator  
PI: Rebecca Shlafer, PhD  
Title: Efficacy and cost-effectiveness of doula care for incarcerated pregnant women  
Source: Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), Grant number R03HD093961-01  
Dates: 07/01/2018-06/30/2020  
Amount: \$154,000

Role: Co-Principal Investigator (with Fernando Alarid-Escudero, PhD)  
 Title: Cost-effectiveness of midwife-led care for low-risk pregnancies  
 Source: California Health Care Foundation and Transforming Birth Fund (New Hampshire Charitable Foundation)  
 Dates: 12/4/2017 – 12/3/2018  
 Amount: \$60,000

Role: Co-Principal Investigator (with Rachel Hardeman, PhD; Rebecca Polston, CPM)  
 Title: Improving equity in birth outcomes, a community-based, culturally centered approach  
 Source: Robert Wood Johnson Foundation, Interdisciplinary Research Leaders, Grant number 73877  
 Dates: 9/1/2016-8/31/2019  
 Amount: \$350,000

Role: Principal Investigator  
 Title: Medicaid Payment Reform and Disparities in Cesarean Birth and Maternal Morbidity  
 Source: CMS Data Access and Support to Promote Health Equity Research program, Centers for Medicare and Medicaid Services, Office of Minority Health  
 Dates: 7/1/2016-6/30/2019  
 Amount: access to CMS Virtual Research Data Center (1 VRDC seat for 36 months, \$120,000 value)

Role: Co-Investigator  
 PI: Ira Moscovice, PhD  
 Title: Flex Monitoring Team  
 Source: Health Resources and Services Administration (HRSA), Federal Office of Rural Health Policy (FORHP), Grant number U1CRH03717-09-00  
 Dates: 7/1/2017-6/30/2018  
 Amount: \$ 5,000,000 total (\$923,452 per year)

Role: Principal Investigator  
 Title: Medicaid Payment Reform and Cesarean Birth and Maternal Morbidity  
 Source: Medicaid and CHIP Payment and Access Commission (MACPAC)  
 Dates: 10/1/2016-11/30/2017  
 Amount: \$117,022

Role: Co-Principal Investigator (with Laura Attanasio, PhD)  
 Title: Relationship between hospital-level percentage of midwife-attended births and obstetric care costs and procedure utilization  
 Source: California Health Care Foundation and Health Foundation for Western and Central New York  
 Dates: 9/1/2016-11/30/2017  
 Amount: \$30,000

Role: Expert Consultant  
PI: Jeanette Ickovicks, PhD (Yale University)  
Title: Maternity Care: Variability in Utilization/Cost by Risk Status and Delivery Mode  
Source: Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB), Grant number R40MC28308  
Dates: 4/1/2015-3/31/2017  
Amount: \$100,000

Role: Co-Investigator  
PI: Beth Virnig, PhD  
Title: Research Data Assistance Center (ResDAC)  
Source: Centers for Medicare and Medicaid Services (CMS), Grant number HHSM-500-2013-00166C  
Dates: 10/1/2014-12/31/2016  
Amount: \$2,669,500

Role: Principal Investigator  
Title: Work during pregnancy and childbirth-related health care and quality  
Source: *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD), Grant number R03 HD070868-01  
Dates: 09/01/2012-08/31/2014  
Amount: \$143,681

Role: BIRCWH (K12) Scholar  
PI: Nancy Raymond, MD  
Title: Building Interdisciplinary Research Careers in Women's Health (BIRCWH)  
Source: Career Development Award (K12) from the NIH Office of Research on Women's Health, funded by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD), Grant number 1K12-HD055887-01  
Dates: 09/01/2011-08/31/2014  
Amount: 75% salary coverage

#### **University Sources (7 total, 5 as Principal Investigator)**

Role: Co-Investigator  
PI: Rachel Hardeman, PhD  
Title: An exploration of the relationship among police violence, race and reproductive health outcomes  
Source: Grant-in-Aid of Research, Artistry, and Scholarship, University of Minnesota Office of the Vice President for Research  
Dates: 01/01/18-06/30/2019  
Amount: \$25,000

Role: Principal Investigator  
Title: Characterizing US births affected by substance use: hot spots and trends over time  
Source: University of Minnesota Academic Health Center Faculty Seed Grant  
Dates: 6/01/2016 - 05/31/2017  
Amount: \$28,428

Role: Principal Investigator (with LaDonna Redmond)  
Title: Reducing Disparities in Birth Outcomes: The Wisdom of Community Doulas  
Source: University of Minnesota Clinical and Translational Science Institute (CTSI),  
Dissemination and Implementation Supplement Grant  
Dates: 7/1/2015-6/30/2016  
Amount: \$4,000

Role: Principal Investigator (with Mary Williams, LPN, CD-DONA)  
Title: Improving maternal and child health by increasing doula support for diverse  
Minnesota women  
Source: University of Minnesota Clinical and Translational Science Institute (CTSI),  
Community Health Collaborative Grant no. 22482  
Dates: 7/1/2014-12/31/2015  
Amount: \$64,963

Role: Co-Investigator  
PI: Eva Enns, PhD and Judith Kahn, MSW  
Title: Integrating community-perspectives with decision modeling to address sexual  
health disparities in greater Minnesota youth  
Source: University of Minnesota Clinical and Translational Science Institute (CTSI),  
Grant no. 16093  
Dates: 9/1/2013-2/28/2015  
Amount: \$74,932

Role: Principal Investigator  
Title: Maternal employment, birth outcomes, and postpartum health  
Source: Grant-in-Aid of Research, Artistry, and Scholarship, University of Minnesota  
Office of the Vice President for Research  
Dates: 07/01/11-01/01/2013  
Amount: \$24,401

Role: Principal Investigator  
Title: Racial/ethnic disparities in childbirth care in U.S. hospitals  
Source: Institute for Diversity, Equity and Advocacy Multicultural Research Award,  
University of Minnesota, Office of the Vice President and Vice Provost for  
Equity & Diversity  
Dates: 05/01/11-12/31/2011  
Amount: \$7,000

## Publications

### *Refereed Journal Articles (104 total, 45 as first author, 27 as senior author)*

[Underlined text indicates student co-authors.]

1. Henning-Smith C, **Kozhimannil KB**. Rural-Urban Differences in Risk Factors for Motor Vehicle Fatalities. *Health Equity*, In press.
2. Attanasio LB, **Kozhimannil KB**, Kjerulff K. Women's preference for vaginal birth after a first delivery by cesarean, *Birth*, 2018 Jul 27. Doi: 10.1111/birt.12386 [E-pub ahead of print]
3. **Kozhimannil KB**, Graves AJ, Ecklund AM, Shah N, Aggarwal R, Snowden JM. Cesarean delivery rates and costs of childbirth in a state Medicaid program after implementation of a blended payment policy, *Medical Care*, 2018; 56(8):658-664.
4. Snowden JS, **Kozhimannil KB**, Guisse JM. Promoting inclusive and person-centered care: starting with birth. *Birth*, 2018 May 17. doi: 10.1111/birt.12351. [Epub ahead of print]
5. Hung P, Casey M, **Kozhimannil KB**, Karaca-Mandic P, Moscovice IS. Rural-Urban Differences in Access to Hospital Obstetric and Neonatal Care: How Far is the Closest One? *Journal of Perinatology*, 2018;38(6):645-652.
6. Howell EA, Brown H, Brumley J, Bryant AS, Caughey AB, Cornell AM, Grant JH, Gregory KD, Gullo SM, **Kozhimannil KB**, Mhyre JM, Toledo P, D'Oria R, Ngoh M, Grobman WA. Reduction of Peripartum Racial and Ethnic Disparities: A Conceptual Framework and Maternal Safety Consensus Bundle. *Obstetrics and Gynecology*, 2018;31(5):770–782.
7. Winkelman TNA, Villapiano N, **Kozhimannil KB**, Davis MM, Patrick SW. Incidence and Costs of Neonatal Abstinence Syndrome among Infants with Medicaid: 2004–2014. *Pediatrics*, 2018;141(4):e20173520. Media coverage: Daily Mail, Medpage Today, Medical Xpress.
8. **Kozhimannil KB**, Hung P, Henning-Smith C, Casey MM, Prasad S. Association between loss of hospital-based obstetric services and birth outcomes in rural US counties. *JAMA*. 2018 Mar 27;319(12):1239-1247. Legislation: U.S. Senate S. 783 “Improving Access to Maternity Care Act” (2018); Media Coverage: Boston Globe, Kaiser Health News, Minnesota Public Radio, Modern Healthcare, FiveThirtyEight, ProPublica.
9. Henning-Smith C, Evenson A, **Kozhimannil KB**, Moscovice IS. Geographic Variation in Transportation Concerns and Adaptations to Travel-Limiting Medical Conditions. *Journal of Transport and Health*. 2018; 8:137-145.
10. Hardeman RR, Murphy KM, Karbeah JM, **Kozhimannil KB**. Naming Structural Racism in the Public Health Literature: A Systematic Literature Review. *Public Health Reports*, 2018; 133(3):240-249.
11. **Kozhimannil KB**, Henning-Smith C. Racism and health in rural America. *Journal of Health Care for the Poor and Underserved*. 2018; 29(1)35-43.



12. Saunders JB, Jarlenski MP, Levy R, **Kozhimannil KB**. Federal and State Policy Efforts to Address Maternal Opioid Misuse: Gaps and Challenges. *Womens Health Issues*, 2018; 28(2):130-136.
13. Henning-Smith C, **Kozhimannil KB**, Prasad S, Casey MM. Beyond Clinical Complexity: Non-Medical Barriers to Nursing Home Care For Rural Residents. *Journal of Aging and Social Policy*, 2018; 30(2), 109-126.
14. Attanasio LB, **Kozhimannil KB**, Kjerulff K. Factors influencing women's perceptions of shared decision making during labor and delivery: Results from a large-scale cohort study of first childbirth. *Patient Education and Counseling*, 2018;101(6):1130-1136.
15. Thao V, Enns EA, Patrick SW, Levy R, **Kozhimannil KB**. Decision Science Can Help Policy Makers Identify and Evaluate Policies to Treat Opioid Use Disorder among Pregnant Women. *Womens Health Issues*, 2018; 28(1): 2–5.
16. Attanasio LB. **Kozhimannil KB**. Relationship between Hospital-Level Percentage of Midwife-Attended Births and Obstetric Procedure Utilization. *Journal of Midwifery and Womens Health*, 2018;63(1):14-22. Media coverage: Chicago Tribune.
17. **Kozhimannil KB**, Muoto I, Darney B, Caughey AB, Snowden JM. Early elective delivery disparities between non-Hispanic black and white women following statewide policy implementation. *Women's Health Issues*, 2018;28(3): 224-231.
18. Jou J, **Kozhimannil KB**, Abraham JM, Blewett LA, McGovern PM. Paid maternity leave in the United States: Associations with maternal and infant health. *Maternal and Child Health Journal*, 2018;22(2):216-225.
19. Henning-Smith C, **Kozhimannil KB**, Prasad S. Barriers to Nursing Home Care for Non-Elderly Rural Residents. *Journal of Applied Gerontology*, 2017 Dec 18. [Epub ahead of print] doi: 10.1177/0733464817746772.
20. Attanasio LB, Hardeman RR, **Kozhimannil KB**, Kjerulff K. Prenatal attitudes toward vaginal delivery and actual delivery mode: variation by race/ethnicity and socioeconomic status. *Birth*, 2017;44(4):306-314.
21. Enns EA, Szu-Yu Kao, **Kozhimannil KB**, Kulasingam S. Using multiple outcomes of sexual behavior to provide insights into chlamydia transmission and the effectiveness of prevention interventions in adolescents. *Sexually Transmitted Diseases*, 2017;44(10):619-626.
22. **Kozhimannil KB**, Henning-Smith C, Hardeman RR. Maternity Care Access, Quality, and Outcomes: A Systems-Level Perspective on Research, Clinical, and Policy Needs. *Seminars in Perinatology*, 2017;41(6):367-374.
23. Hung P, Henning-Smith C, Casey M, **Kozhimannil KB**. Access To Obstetrics Services In Rural Communities Continues Decline, Nine Percent Of Rural Counties Lost Services, 2004-14. *Health Affairs*, 2017; 36(9):1663-1671. Media coverage: Washington Post, ProPublica, Vox.com, Huffington Post, Modern Healthcare, Minnesota Public Radio, Minneapolis Star Tribune, MinnPost.

24. Henning-Smith C, **Kozhimannil KB**, Prasad S, Casey MM, Moscovice IS. Rural-urban differences in Medicare quality scores persist after adjusting for socio-demographic and environmental characteristics. *Journal of Rural Health*, 2017 Sep 5. [E-pub ahead of print] doi: 10.1111/jrh.12261.
25. Attanasio LB, **Kozhimannil KB**. Healthcare engagement and follow up after perceived discrimination in maternity care. *Medical Care*, 2017; 55(9):830-833.
26. Henning-Smith C, **Kozhimannil KB**, Prasad S, Casey MM, Moscovice IS. Rural-urban differences in Medicare quality outcomes and the impact of risk-adjustment. *Medical Care*, 2017; 55(9): 823–829.
27. Jarlenski M, Barry CL, Gollust SE, Graves AJ, Kennedy-Hendricks, **Kozhimannil KB**. Poly-substance use among U.S. reproductive-age women with non-medical opioid use. *American Journal of Public Health*, 2017;107(8):1308-1310.
28. Cunningham SD, Magriples U, Thomas JL, **Kozhimannil KB**, Herrera C, Barrette E, Ickovics JR. Association between Maternal Comorbidities and Emergency Department Use among a National Sample of Commercially-insured Pregnant Women. *Academic Emergency Medicine*, 2017; 24(8):940-947.
29. Cunningham SD, Herrera C, Udo I, **Kozhimannil KB**, Barette E, Magriples U, Ickovics JR. Maternal medical complexity: Impact on prenatal health care spending among women at low-risk for cesarean sectionn. *Women's Health Issues*, 2017; 27(5): 551-558.
30. **Kozhimannil KB**, Graves AJ, Levy R, Patrick SW. Nonmedical use of prescription opioids among pregnant US women. *Women's Health Issues*, 2017; 27(3): 308–315. Media coverage: Minneapolis Star Tribune.
31. Henning-Smith C, Almanza J, **Kozhimannil KB**. The maternity care nurse workforce in rural US hospitals. *Journal of Obstetric Gynecologic and Neonatal Nursing*, 2017; 46(3): 411-422.
32. Kjerulff KH, Attanasio LB, Edmonds JK, **Kozhimannil KB**, Repke JT. Labor Induction and Cesarean Delivery: A Prospective Cohort Study of First Births in Pennsylvania, 2009-2011. *Birth*, 2017; 44(3) 252-261.
33. Prasad S, Hung P, Henning-Smith C, Casey M, **Kozhimannil KB**. Rural Hospital Employment of Physicians and Use of Cesareans and Non-Indicated Labor Induction. *Journal of Rural Health*, 2017 Mar 20. [Epub ahead of print] doi: 10.1111/jrh.12240.
34. **Kozhimannil KB**, Graves AJ, Jarlenski M, Kennedy-Hendricks A, Gollust SE, Barry CL. Non-medical opioid use and sources of opioids among pregnant and non-pregnant reproductive-aged women. *Drug and Alcohol Dependence*, 2017; 1(174):201-208. Media coverage: Minneapolis Star Tribune, MinnPost, Minnesota Public Radio.
35. Attanasio L, Kjerulff K, Srinivas SK, **Kozhimannil KB**. Concordance between women's self-reported reasons for cesarean delivery and hospital discharge records. *Women's Health Issues*, 2017; 27(3): 329–335.

36. **Kozhimannil KB**, Karaca-Mandic P, Blauer-Peterson C, Shah N, Snowden JM. Uptake and Utilization of Practice Guidelines in US Hospitals: The Case of Routine Episiotomy. *Joint Commission Journal on Quality and Patient Safety*, 2017; 43(1):41–48.
37. Snowden JM, **Kozhimannil KB**, Muoto I, Caughey AB, McConnell KJ. A “busy day” effect on perinatal complications of delivery: retrospective cohort study. *BMJ Quality and Safety*, 2017;26(1):e1. doi: 10.1136/bmjqs-2016-005257.
38. Villapiano NG, Winkelman T, **Kozhimannil KB**, Davis MM, Patrick SW. Rural – Urban Differences in Neonatal Abstinence Syndrome and Maternal Opioid Use, 2004-2013. *JAMA Pediatrics*, 2017;171(2):194-196. Media coverage: New York Times, Wall Street Journal, CNN, ABC News, Minnesota Public Radio, Michigan Public Radio, Huffington Post, Science Daily.
39. Yang YT. **Kozhimannil KB**. *Whole Woman’s Health v. Hellerstedt* and the current implications for abortion access. *Birth*, 2017 Mar;44(1):3-6.
40. Hardeman RR. **Kozhimannil KB**. Motivations for entering the doula profession: Perspectives from women of color. *Journal of Midwifery and Womens Health*, 2016 Nov;61(6):773-780.
41. Heinrich D, Vogel RI, **Kozhimannil KB**. Early Elective Delivery and Vaginal Birth After Cesarean in Rural US Maternity Hospitals, *Rural and Remote Health*, 2016; 16: 3956.
42. **Kozhimannil KB**, Hung P, Casey M, Henning-Smith C, Prasad S, Moscovice IS. Relationship between hospital policies for labor induction and cesarean delivery and perinatal care quality among rural US hospitals. *Journal of Healthcare for the Poor and Underserved*, 2016;27(4A):128-143.
43. Hardeman RR, Medina E, **Kozhimannil KB**. Structural Racism and Supporting Black Lives—The Role of Health Professionals. *New England Journal of Medicine*, 2016; 375:2113-2115. Media coverage: KSTP TV (Minneapolis ABC Affiliate).
44. Jou J, **Kozhimannil KB**, McGovern PM, Blewett LA, Abraham JM. Workplace accommodations for pregnant employees and changes in women’s employment and health insurance status. *Journal of Occupational and Environmental Medicine*, 2016; 58(6):561-6.
45. **Kozhimannil KB**, Hardeman RR, Vogelsang CA, Prasad S. Disrupting the pathways of social determinants of health: doula support during pregnancy and childbirth. *Journal of the American Board of Family Medicine*, 2016; 29(3)308-317.
46. **Kozhimannil KB**, Hardeman RR. Coverage for doula services: How state Medicaid programs can address concerns about maternity care costs and quality. *Birth*, 2016; 43(2)97-99.
47. **Kozhimannil KB**, Henning-Smith C, Hung P. The practice of midwifery in rural US hospitals. *Journal of Midwifery and Women’s Health*, 2016; 61(4):411-418.

48. Yang YT, **Kozhimannil KB**, Snowden JM. Pharmacist-prescribed birth control in Oregon and other states. *JAMA*, 2016; 315(15):1567-1568.
49. Casey M, Hung P, Henning-Smith C, Prasad S, **Kozhimannil KB**. Rural Implications of Expanded Birth Volume Threshold for Reporting Perinatal Care Measures. *Joint Commission Journal on Quality and Patient Safety*, 2016; 42(4):179-185.
50. Yang YT, Saunders JB, **Kozhimannil KB**. Health Policy Brief: Workplace and Public Accommodations for Nursing Mothers. *Health Affairs*, March 17, 2016.
51. **Kozhimannil KB**, Henning-Smith C, Hung P, Casey MM, Prasad S. Ensuring access to high-quality maternity care in rural America, *Women's Health Issues*, 2016; 26(3):247-250
52. Yang YT, Attanasio LB, **Kozhimannil KB**. State Scope of Practice Laws, Nurse-Midwifery Workforce, and Childbirth Procedures and Outcomes. *Women's Health Issues*, 2016; 26(3):262-267.
53. **Kozhimannil KB**, Hung P, Casey M, Lorch S. Factors Associated with High-Risk Rural Women Giving Birth in Non-NICU Hospital Settings. *Journal of Perinatology*, 2016;36(7):510-5.
54. Hung P, **Kozhimannil KB**, Casey M, Moscovice IS. Why are obstetric units in rural hospitals closing their doors? *Health Services Research*, 2016; 51(4):1546-60. Media coverage: Kaiser Health News, National Public Radio, the Atlantic, Associated Press.
55. **Kozhimannil KB**, Hardeman RR, Alarid-Escudero F, Vogelsang CA, Blauer-Peterson C, Howell EA. Modeling the cost effectiveness of doula care associated with reductions in preterm birth and cesarean delivery. *Birth*, 2016;43(1):20-7. Media coverage: National Public Radio, Minneapolis Star Tribune, Minnesota Public Radio, KSTP TV (Minneapolis ABC Affiliate), WCCO TV (Minneapolis CBS Affiliate), MinnPost.
56. Yang YT, **Kozhimannil KB**. Medication Abortion Through Telemedicine: Implications of a Ruling by the Iowa Supreme Court. *Obstetrics & Gynecology*, 2016;127(2):313-6.
57. **Kozhimannil KB**, Thao V, Hung P, Tilden E, Caughey AB, Snowden JM. Association between Hospital Birth Volume and Maternal Morbidity among Low-Risk Pregnancies in Rural, Urban, and Teaching Hospitals the United States. *American Journal of Perinatology*, 2016; 33(6):590-599.
58. **Kozhimannil KB**, Casey M, Hung P, Prasad S, Moscovice I. Location of childbirth for rural women: Implications for maternal levels of care. *American Journal of Obstetrics and Gynecology*, 2016; 214(5):661.e1-661.e10.
59. Armstrong J, **Kozhimannil KB**, McDermott P, Srinivas SK, for the Health Policy Committee of the Society of Maternal Fetal Medicine. Comparing variation in hospital rates of cesarean delivery among low-risk women using three different measures. *American Journal of Obstetrics and Gynecology*, 2016;214(2):153–163. Received 2016 HCUP Outstanding Article of the Year Award.

60. Henning-Smith C, **Kozhimannil KB**. Availability of Child Care in Rural Communities: Implications for Workforce Recruitment and Retention. *Journal of Community Health*, 2015; 41(3):488-493.
61. **Kozhimannil KB**, Jou J, Gjerdingen DK, McGovern PM. Access to Workplace Accommodations to Support Breastfeeding, after the Affordable Care Act. *Women's Health Issues*, 2016;26(1)3-16. Press coverage: Forbes magazine, Huffington Post, US News and World Report, Minneapolis Star Tribune, Minnesota Public Radio, KSTP TV (Minneapolis ABC Affiliate), Marketplace, MinnPost
62. Johnson PJ, **Kozhimannil KB**, Jou J, Ghildayal N, Rockwood T. Complementary and Alternative Medicine Use among Women of Reproductive Age in the United States. *Women's Health Issues*, 2016;26(1)40-47.
63. Forney-Gorman A, **Kozhimannil KB**. Differences in Cervical Cancer Screening between African-American vs. African-Born Black Women in the United States. *Journal of Immigrant and Minority Health*, 2016; 18(6):1371-1377.
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#### **Reports and Policy Briefs (17 total)**

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2. Henning-Smith C, **Kozhimannil KB**, Evenson A. Addressing Commuting as a Public Health Issue: Strategies Should Differ by Rurality. University of Minnesota Rural Health Research Center Policy Brief, August 2018.
3. Corbett A, Henning-Smith C, DeArruda Wharton K, **Kozhimannil KB**. Case Study: Challenges Related to Pregnancy and Returning to Work after Childbirth in a Rural, Tourism-Dependent Community. University of Minnesota Rural Health Research Center Case Study, February 2018.

4. Henning-Smith C, Evenson A, Corbett A, **Kozhimannil KB**, Moscovice IS. Rural Transportation: Challenges and Opportunities. University of Minnesota Rural Health Research Center Policy Brief, November 2017.
5. Henning-Smith C, Casey M, Prasad S, **Kozhimannil KB**. Medical Barriers to Nursing Home Care for Rural Residents. University of Minnesota Rural Health Research Center Policy Brief, May 2017.
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*Selected Contributed Papers Presented at Professional Meetings and Conferences (past 5 years shown)*

1. **Kozhimannil KB**. Maternal Opioid Use Disorder Among Rural Residents Giving Birth at Rural, Urban Teaching and Urban Non-Teaching Hospitals (Podium presentation). AcademyHealth Annual Research Meeting. Seattle, WA, June 2018.
2. **Kozhimannil KB**. Cesarean delivery rates and costs of childbirth in a state Medicaid program after implementation of a blended payment policy (Podium presentation). AcademyHealth Annual Research Meeting. Seattle, WA, June 2018.
3. Ali MM, Dowd WN, Sherman LJ, Mutter R, **Kozhimannil KB**. The Impact of Prenatal Substance Abuse Policies on Substance Use Disorder Treatment Admissions (Poster presentation). AcademyHealth Annual Research Meeting. Seattle, WA, June 2018.
4. **Kozhimannil KB**. Effects of the opioid epidemic on rural women and infants (Podium presentation). National Rural Health Association. New Orleans, LA, May 2018.
5. **Kozhimannil KB**. Black-white disparities in early elective delivery following statewide policy implementation (Podium presentation) AcademyHealth Annual Research Meeting, New Orleans, LA, June 2017.
6. Attanasio LB, **Kozhimannil KB**. Relationship Between Hospital-Level Percentage of Midwife-Attended Births and Obstetric Procedure Utilization (Podium presentation) AcademyHealth Annual Research Meeting, New Orleans, LA, June 2017.
7. **Kozhimannil KB**, Hung P, Thompson A, Wharton KD. Obstetric Care and Hospital Closures in Rural Areas (Roundtable Discussion). National Rural Health Association. San Diego, CA, May 2017.
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9. **Kozhimannil KB**, Casey MM, Hung P, Prasad S, Moscovice IS. Location of Childbirth for Rural Women: Implications for Maternal Levels of Care. (Podium presentation) AcademyHealth Annual Research Meeting, Boston, MA, June 2016.

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12. **Kozhimannil KB**, Casey M. Obstetric Care Quality in Rural Hospitals. (Podium presentation) National Rural Health Association Rural Quality and Clinical Conference, Minneapolis, MN, July 2015.
13. **Kozhimannil KB**, Thao V, Hung P, Tilden E, Caughey AB, Snowden J. The Relationship Between Hospital Birth Volume and Maternal Morbidity Among Low-Risk Pregnancies. (Podium presentation) AcademyHealth Annual Research Meeting and Child Health Services Research Interest Group Meeting. June 2015; Minneapolis, MN
14. **Kozhimannil KB**, Hardeman RR, Vogelsang CA, Blauer-Peterson C, Alarid-Escudero F, Howell EA. Policy Options for Improving Value in Childbirth: Doula Care during Pregnancy and Preterm Birth. (Podium presentation) AcademyHealth Child Health Services Research Interest Group Meeting. June 2015; Minneapolis, MN
15. **Kozhimannil KB**, Casey M, Hung PH, Prasad S, Moscovice IS. The Rural Obstetric Workforce in US Hospitals: Challenges and Opportunities. (Podium presentation) AcademyHealth Annual Research Meeting. June 2015; Minneapolis, MN
16. **Kozhimannil KB**, Jou J, Attanasio LB, Joarnt LK, McGovern PM. Medically complex pregnancies and early breastfeeding behaviors: a retrospective analysis, (Podium presentation) AcademyHealth Annual Research Meeting. June 2014; San Diego, CA
17. **Kozhimannil KB**, Attanasio LB, Yang YT, Avery MD, Declercq E. Midwifery care and patient-provider communication in maternity decisions, (Podium presentation) AcademyHealth Annual Research Meeting. June 2014; San Diego, CA
18. **Kozhimannil KB**, Attanasio LB, Jou J, Joarnt LK, Johnson PJ, Gjerdingen DK. Potential benefits of increased access to doula support during childbirth, (Podium presentation) AcademyHealth Annual Research Meeting. June 2014; San Diego, CA
19. **Kozhimannil KB**, Arcaya MC, Subramanian SV. Clinical characteristics do not drive variation in hospital cesarean delivery rates, (Podium presentation) AcademyHealth Annual Research Meeting. June 2014; San Diego, CA
20. **Kozhimannil KB**, Hung P, Prasad S, Casey M, McClellan-Trick M, Moscovice IS. Birth volume and obstetric care quality, (Podium presentation) National Rural Health Association Annual Meeting. April 2014; Las Vegas, NV
21. **Kozhimannil KB**, Hung P, Prasad S, Casey M, Moscovice IS. Rural-urban differences in obstetric care trends, 2002-2010, and implications for the future, (Podium presentation) American Public Health Association Annual Meeting. November 2013; Boston, MA

22. **Kozhimannil KB**, Johnson PJ, Attanasio LB, Gjerdingen DK, McGovern PM. Use of non-medical methods of labor induction and pain management among U.S. women, (Podium presentation) American Public Health Association Annual Meeting. November 2013; Boston, MA
23. **Kozhimannil KB**, Lorch S, Macheras M. Born Too Soon: Trends in Childbirth without Medical Indication, 1995-2009, (Poster presentation) National Institutes of Health Office of Research on Women's Health, Tenth Annual Interdisciplinary Symposium on Women's Health. October 2013; Bethesda, MD
24. **Kozhimannil KB**, Lorch S, Macheras M. Born Too Soon: Trends in Childbirth without Medical Indication, 1995-2009, (Podium presentation) Child Health Services Interest Group Meeting, AcademyHealth Annual Research Meeting. June 2013; Baltimore, MD
25. **Kozhimannil KB**, Hung P, Casey M, McClellan M, Prasad S, Moscovice I. Policy Implications of Rural-Urban Differences in Obstetric Care Trends (Podium presentation) AcademyHealth Annual Research Meeting. June 2013; Baltimore, MD
26. **Kozhimannil KB**, Law MR, Blauer-Peterson C, Zhang F, Wharam JF. The Impact of High-Deductible Health Plans on Men and Women: An Analysis of Emergency Department Care (Podium presentation) AcademyHealth Annual Research Meeting. June 2013; Baltimore, MD

*Selected Invited Presentations at Professional Meetings and Conferences (past 5 years shown)*

1. **Kozhimannil KB**, Levy R. Opioid use disorder during pregnancy: challenges for care and opportunities for change. University of Minnesota School of Public Health, Division of Health Policy and Management Seminar. December 2017; Minneapolis, MN.
2. **Kozhimannil KB**. Maternity care quality and access in rural communities. (Invited speaker). State Health Access Data Assistance Center (SHADAC), University of Minnesota. November 2017, Minneapolis, MN
3. **Kozhimannil KB**. The Rural Obstetric Workforce in US Hospitals: Challenges and Opportunities (Invited webinar). National Institute for Health Care Management (NIHCM) Foundation and Association of Maternal and Child Health Programs (AMCHP). August 2017; Washington, DC.
4. **Kozhimannil KB**, Casey C, with the Theatre of Public Policy. To Fertility and Beyond. (Invited speaker). Gustavus Adolphus College Nobel Conference. August 2017; Minneapolis, MN.
5. **Kozhimannil KB**. Why Medicaid Data Matter for People's Lives. (Invited webinar). Nuna. August 2017; San Francisco, CA.
6. **Kozhimannil KB**. Obstetric Care Quality and Access for Rural U.S. Women (Invited webinar). Rural Health Research Gateway. Health Resources and Services Administration (HRSA), Federal Office of Rural Health Policy (FORHP). January 2017; Rockville, MD.



7. **Kozhimannil KB.** How we are born: Why is your hospital the biggest risk factor for cesarean birth? (Invited presentation). Office of Population Research, Princeton University. November 2016; Princeton, NJ
8. **Kozhimannil KB.** A Deadly Epidemic: Nonmedical Use of Prescription Opioids Among US Women. University of Minnesota School of Public Health, Division of Health Policy and Management Seminar. October 2016; Minneapolis, MN.
9. **Kozhimannil KB, Murphy K.** Structural Racism: Concept and Measurement in the Public Health Literature (Invited presentation). University of Minnesota Program in Health Disparities Research. March 2016; Minneapolis, MN.
10. **Kozhimannil KB, Murphy K.** Disparities in Public Health: The Role of Structural Racism. (Invited presentation). University of Minnesota School of Public Health, Health Equity Working Group. February 2016; Minneapolis, MN.
11. **Kozhimannil KB.** Improving Medicaid Coverage Policies: Research and Legislation to Improve Birth Outcomes. (Invited presentation). Vanderbilt University School of Medicine. January 2016; Nashville, TN.
12. **Kozhimannil KB.** Medicaid coverage of doula services: challenges and opportunities for improving birth outcomes. (Invited presentation). Medicaid Health Plans of America Annual Meeting. November 2015; Washington, DC.
13. **Kozhimannil KB.** Maternal Health Services Research: Work Worth Doing. (International award; invited keynote lecture). Labelle Lectureship in Health Services Research, McMaster University. October 2015; Hamilton, Ontario, Canada.
14. **Kozhimannil KB.** Policy Decisions that Shape Maternity Care: Doulas and Midwives. (Invited presentation). Optimal Outcomes in Women's Health Conference, MN Chapter of the American College of Nurse Midwives. October 2015; Minneapolis, MN.
15. **Kozhimannil KB.** Obstetric care quality in rural hospitals. (Invited presentation). Rural Health Advisory Committee Minnesota Department of Health. September 2015; St. Paul, MN
16. **Kozhimannil KB.** Access to doula support during childbirth: Implications for clinical care, policy, and health insurance coverage. (Invited webinar) Stanford University Clinical Excellence Research Center. August 2015; Palo Alto, CA
17. **Kozhimannil KB.** Access to doula support during childbirth. University of Minnesota Medical Center, Ob/Gyn Grand Rounds. July 2015; Minneapolis, MN
18. **Kozhimannil KB, Kjerulff K (conveners)** Time for America to "Call the Midwife"? Improving, Quality, Safety, and Value in Maternal Health (Policy roundtable). AcademyHealth Annual Research Meeting. June 2015; Minneapolis, MN
19. **Kozhimannil KB.** Public Health Research in Action: improving access to doula support (Keynote address). University of Minnesota School of Public Health Annual Alumni Event. June 2015; Minneapolis, MN

20. **Kozhimannil KB.** Equity and justice in childbirth: improving access to doula support (Invited seminar). University of Minnesota Duluth. April 2015; Duluth, MN
21. **Kozhimannil KB, Calvin S.** Single Episode Payment for Pregnancy Care: A Bundle of Joy or a Problem? University of Minnesota Academic Health Center Program in Human Rights and Health. November 2014; Minneapolis, MN
22. **Kozhimannil KB.** Day on the Hill 101 (Invited presentation). Minnesota Public Health Association (MPHA) and the University of Minnesota's School of Public Health Student Senate. April 2014; Minneapolis, MN
23. **Kozhimannil KB.** Making birth better: Women, communities, researchers, clinicians and policymakers can work together -the MN Doula Bill (Invited presentation). University of Minnesota Women's Health Interdisciplinary Lectures Series. February 2014; Minneapolis, MN
24. **Kozhimannil KB.** Cesarean delivery in the United States: reducing variability and improving quality of care (Invited presentation). Division of Epidemiology and Community Health, University of Minnesota School of Public Health, February 2014; Minneapolis, MN
25. **Kozhimannil KB and Rauk P.** Cesarean delivery in the United States (Invited presentation) Minnesota Affiliate of the American College of Nurse-Midwives and the University of Minnesota School of Nursing. October 2013; Minneapolis, MN
26. **Kozhimannil KB.** Improving maternity care quality for Minnesota mothers. (Keynote presentation) Minnesota Health Action Group Community Dialogues, August 2013; Minneapolis, MN.
27. **Kozhimannil KB.** Improving the quality of maternity care. (Invited presentation) American Indian Community Action Team. Minnesota Department of Health, July 2013; Bemidji, MN.
28. **Kozhimannil KB, McGovern PM, Attanasio LB, Gjerdingen DK.** Policy and public health aspects of addressing postpartum depression. (Invited breakout session) Postpartum Support International Annual Conference, June 2013; Minneapolis, MN.
29. **Kozhimannil KB.** What does the Affordable Care Act mean for the health of women, children, and families? (Invited presentation). National Children's Study Speaker Series. January 2013; St. Paul, MN.
30. **Kozhimannil KB.** A perinatal care quality and safety initiative: hospital costs and potential savings (Invited presentation). Fairview Health Services, Zero Birth Injury Initiative Working Group. January, 2013; Minneapolis, MN.

## TEACHING AND ADVISING

### *University of Minnesota*

#### *Courses Taught*

PubH 7569: Health Policy (1 cr): Summer-Fall I 2018  
PubH 6735: Principles of Health Policy (3 cr): Fall 2016, Fall 2017, Fall 2018  
PubH 6735: Principles of Health Policy Online (3 cr): Spring 2017  
PubH 6835: Principles of Health Policy (2 cr): Spring 2011-2014, Fall 2014-2015  
PubH 6835: Principles of Health Policy Online (2 cr): Spring 2015, Spring 2016

#### *Guest Lectures*

University of Minnesota School of Public Health, PubH 8801: Health Services Policy Analysis (Fall 2016, Fall 2017)

University of Minnesota Medical School, Essentials of Clinical Medicine 3A, U.S. Health Care Policy (Spring 2014)

University of Minnesota School of Public Health, PubH 6700: Foundations of Public Health, Women and Public Health (Fall 2011-2014)

University of Minnesota School of Public Health, PubH 6700: Foundations of Public Health, Public Health Agencies (Fall 2012)

University of Minnesota Medical School, Obstetrics-Gynecology Residency Program, Study design: the basics of validity and inference in research (Summer 2013)

#### *Masters Theses Advised (27 total: 10 as chair)*

Masters of Public Health (MPH) in Public Health Administration and Policy Program:

Britta Orr, MPH 2011 (Reader)  
Amber Melaney, MPH 2012 (Reader)  
Guisselle Del Salto, MPH 2013 (Chair)  
Megan Ghai, MPH 2013 (Reader)  
John Rock, MPH 2013 (Reader)  
Lindsay Carniak, MPH/JD 2014 (Chair)  
Alyssa von Ruden, MPH 2014 (Reader)  
Darlene Huang, MPH/JD 2014 (Reader)  
Alexis Russell, MPH 2015 (Chair)  
Carrie Vogelsang, MPH 2015 (Chair)  
Katy Murphy, MPH 2016 (Chair)  
Jennifer Kleven, MD, MPH 2017 (Chair)  
Megan Lahr, MPH 2017 (Chair)

Masters of Science (MS) in Health Services Research Policy and Administration Program:

Viengneese Thao, MS 2013 (Reader)

Amy Potthoff Anderson, MS 2014 (Chair)

Masters in Public Health (MPH) in Maternal and Child Health Program:

Marcia McCoy, MPH 2015 (Committee member)  
Mark Sloan, MD, MPH 2015 (Committee member)  
Zachary Holmquist, MPH 2015 (Committee member)  
Nancy Pitsenbarger, MPH 2016 (Committee member)  
Jennie Meinz, MPH 2016 (Committee member)  
Kathryn Banks, MPH 2016 (Committee member)

Masters in Public Health (MPH) Community Health Promotion

Katie Mair, MPH 2016 (Committee member)

Masters in Public Health (MPH) Public Health Medicine:

Brian Park, MD/MPH 2014 (Committee Member)

Masters in Science (MS) in Applied Economics:

Breanna Arndt, MPH 2017 (Committee Member)

*Master's Students Advised (21 total)*

Masters (MPH) in Public Health Administration and Policy Program:

Guisselle Del Salto, MPH 2013 (Academic advisor; PubH 7796: Field Experience)  
Lindsay Carniak, Joint MPH/JD 2014 (PubH 7796: Field Experience advisor)  
Katherine Phalen, MPH 2014 (Academic advisor)  
Marcus Howard, MPH 2015 (Academic advisor)  
Agnes Jensen, MPH 2015 (Academic advisor)  
Maria Bitanga, MPH 2016 (Academic advisor)  
Maria George, MPH 2016 (Academic advisor)  
Elizabeth Hannon, MPH 2016 (Academic advisor)  
Rebecca Horton, MPH 2016 (Academic advisor)  
Samantha Rosner, MPH 2016 (Academic advisor)  
Sanneh Wuyeh, MPH 2016 (Academic advisor)  
Margaret Horvath, MPH 2017 (Academic advisor)  
Gabriela Lazalde, MPH 2017 (Academic advisor)  
Alana Lerer, MPH 2017 (Academic advisor)  
Sarah Lahr, MPH 2018 (Academic advisor)  
Christopher Ajala, MPH 2018 (Academic advisor)  
Madeline Johnson, MPH 2018 (Academic advisor)  
Tina Lingen, MPH 2018 (Academic advisor)  
Taiwo Aremu, MPH expected 2019 (Academic advisor)  
Sana Siddiqui, MPH expected 2019 (Academic advisor)  
Natassia Boening, MPH expected 2020 (Academic advisor)  
Hannah Brekke, MPH expected 2020 (Academic advisor)  
Suyag Buttar, MPH expected 2020 (Academic advisor)

Masters (MS) in Health Services Research Policy and Administration Program:

Ann Krohmer, MS 2013 (Academic advisor)

Aderonke Gbadedo, MS 2014 (Academic advisor)

Masters (MHA) Program in Healthcare Administration:

Nilimah Shah, MHA 2013 (Academic advisor)

*Doctoral Dissertations Advised (8 total: 3 as co-chair, 6 as committee member)*

Doctorate (PhD) in Health Services Research Policy and Administration Program:

Laura Attanasio, PhD 2016 (Dissertation committee co-chair)

Judy Jou, PhD 2016 (Dissertation committee co-chair)

Peiyin Hung, PhD 2017 (Dissertation committee co-chair)

Viengneese Thao, PhD expected 2019 (Dissertation committee member)

Jennifer Saunders, PhD expected 2020 (Dissertation committee member)

Kari Mentzer, PhD expected 2020 (Dissertation committee member)

Doctorate (PhD) in Epidemiology and Community Health Program:

Erika Fuchs, PhD 2015 (Dissertation committee member)

Doctorate (PhD) in Applied Economics:

Heather Dahlen, PhD 2015 (Dissertation committee member)

*Doctoral Students Advised (7 total)*

Doctorate (PhD) in Health Services Research Policy and Administration Program:

Susan McClernon, PhD 2013 (Policy prelim committee)

Judy Jou, PhD 2016 (Academic advisor)

Heidi McLeod, PhD 2017 (Policy prelim committee)

Mary Cobb, PhD expected 2019 (Policy prelim committee)

Priyanka Desai, PhD expected 2019 (Policy prelim committee)

Jennifer Saunders, PhD expected 2020 (Academic advisor)

Kari Mentzer, PhD expected 2020 (Academic advisor)

Julia Interrante, PhD expected 2022 (Academic advisor)

*Undergraduate Students Advised (1 total)*

University of Minnesota Honors Program

Monica Delgado, BA 2018 (Undergraduate thesis committee member)

### ***Harvard Medical School***

*Courses Taught (1 total)*

HC 750: Health Care Policy (Tutorial Leader)

### ***Harvard University***

*Graduate Courses Taught (1 total)*

HP 2000: Core Course in Health Policy (Teaching Fellow)

*Undergraduate Courses Taught (1 total)*

SA 76: Global Health Challenges (Teaching Fellow)

*Undergraduate Students Advised (18 total)*

Rachel Brown, AB 2012 (Sophomore academic advisor)  
Gaibrielle Bryant, AB 2012 (Sophomore academic advisor)  
Paige Livingston, AB 2012 (Sophomore academic advisor)  
Stephanie Woo, AB 2012 (Sophomore academic advisor)  
Marco Perez-Moreno, AB 2012 (Sophomore academic advisor)  
Samantha Go, AB 2011 (Sophomore academic advisor)  
Richard Hill, AB 2011 (Sophomore academic advisor)  
Sarah Maxwell, AB 2011 (Sophomore academic advisor)  
Leah Seifu, AB 2011 (Sophomore academic advisor)  
Brien Battiste, AB 2010 (Sophomore academic advisor)  
Grace Kim, AB 2010 (Sophomore academic advisor)  
Eugene Lee, AB 2010 (Sophomore academic advisor)  
Jessie Russell, AB 2010 (Sophomore academic advisor)  
Luyi Zhao, AB 2010 (Sophomore academic advisor)  
Sun-Young Chung, AB 2009 (Sophomore academic advisor)  
Charles Drummond, AB 2009 (Sophomore academic advisor)  
Janet Li, AB 2009 (Sophomore academic advisor)  
Prabhas Pokharel, AB 2009 (Sophomore academic advisor)

## **SERVICE TO THE DISCIPLINE/PROFESSION**

### ***Policy and Legislation (43 service roles total)***

#### National (25 roles total)

##### *Legislation*

Consultation to U.S. Senators Cory Booker (NJ), Tom Carper (DE), and Bill Nelson (FL) Legislative Advisors (Kimberly Miller-Tolbert, Lynn Sha, and Corey Malmgren) on requests for information from CMS and on legislation pertaining to maternal mortality and doula services for Medicaid beneficiaries (2018)

Consultation to U.S. Senator Tina Smith (MN) Health Legislative Advisor (Beth Wikler) and Assistant to the Legislative Director (Stu Lourey) on legislation pertaining to women and substance use/opioids and rural health (2018)

Consultation to U.S. Senator Al Franken (MN) Health Legislative Advisor (Hannah Katch) on draft legislation related to early elective labor induction (2011) and maternity care quality (2012); monthly consultation with Senator Franken's Health Legislative Advisor (Beth Wikler) and Field Representative (Samantha Mills) on women's health and rural health (2014 - 2017)

Extensive consultation on the following bills:

- Connecting Rural Americans to Care Act of 2016
- Strengthening Our Rural Health Workforce Act of 2016
- Rural Health Care Quality Improvement Act of 2016
- The Budgeting for Opioid Addiction Treatment Act (LifeBOAT) Act of 2016
- Trauma-Informed Care for Children and Families Act (S. 3519), also with Sen. Heitkamp's staff

Consultation to U.S. Senator Heidi Heitkamp (ND) Health Legislative Advisor (Megan DesCamps) on Maternal Health Accountability Act of 2017 (S. 1112) and to Legislative Advisor (Santiago Gonzales) on rural maternity care access (2016-2018)

Moderator, Rural Health Roundtable, U.S. Senator Al Franken, Co-Chair, Senate Rural Health Caucus, Minneapolis, MN (2014)

Consultation to U.S. Representative Carolyn Maloney (NY-12) Legislative Advisor (Lucas Siegmund) on the Supporting Working Moms Act of 2017 (HR 3255)

Consultation to U.S. Senator Dick Durbin (IL) Health Legislative Advisor (Beth Wikler) on women's health, pregnancy and maternity-related health, postpartum depression, and neonatal abstinence syndrome (2015)

Consultation to U.S. Representative Rick Nolan (MN-08) Health Legislative Advisor (Will Mitchell) on rural health and women's health (2015)

Consultation to U.S. Representative Collin Peterson (MN-07) Health Legislative Advisor (Natalie Winters) on rural health and women's health (2015)

*Federal agencies*

Co-signed letter to the US representative on the ICD-10-CM Coordination and Maintenance Committee to request that the term “crack baby” be stricken from the ICD-10, Chapter 16, Certain Conditions Originating in the Perinatal Period (P04.41 Newborn Affected By Maternal Use of Cocaine) (2018)

Submitted letter in support of establishing a national maternal mortality review committee to the Division of Reproductive Health (DRH) at the Centers for Disease Control and Prevention (CDC) (2017)

Technical expert, Health Resources Services Administration (HRSA) Maternal and Child Health Bureau (MCHB), State Title V Technical Assistance meeting, April 5-6, 2016, Washington DC (2016)

Submitted letter in support of the application by the Minnesota Department of Health to the U.S. Preventive Services Task Force for the review of evidence on doula care (2014)

Consultation to CMS Expert Panel on Improving Maternal and Infant Health Outcomes in Medicaid/CHIP (2013)

Submitted comments to the Agency for Healthcare Research and Quality on Draft Report “Vaginal Birth after Cesarean: Developing and Prioritizing a Future Research Agenda” (2012)

Submitted comments to the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) on the Draft Vision Statement and Pregnancy and the Pregnancy Outcomes White Paper for NICHD’s Scientific Vision Process for the Next Decade (2011)

*Professional societies and organizations*

Advisory Council, *Listening to Mothers in California* Survey, National Partnership for Women and Families and California Health Care Foundation (2016 - 2018)

Workgroup Member, Alliance for Innovation on Maternal Health (AIM) Program, Reduction of Peripartum Racial Disparities Workgroup (2015 – 2017)

Research Committee Chair, National Advisory Council, Action Plan for a U.S. Maternity Care System that Reliably Provides High-Quality, High-Value Childbirth Care, National Partnership for Women and Families (2015 – 2016)

Planning Committee, Maternal Health Services Research Expert Meeting, AcademyHealth (2015)

Advisory Committee Member, Child Health Services Research Interest Group, AcademyHealth (2014-2016)

Steering Committee Member, Health Services Research in Maternal and Child Health, American Public Health Association (2013 – 2016)

Reviewer, AcademyHealth Annual Research Meeting 2014 Maternal & Child Health Theme (2013 – 2014)

Consultation on measurement of low-risk cesarean rates. Society for Maternal Fetal Medicine, Health Policy Committee (2013 – 2015).



State (16 roles total)

*Legislation*

Testimony to Chairman Matt Dean and the Minnesota House Health and Human Services Finance Committee on House File 3574, “A bill for an act relating to health; requiring the commissioner of health to distribute grants to address disparities in prenatal care access and utilization” (2018)

Consultation to the California Task Force on Maternal Mental Health and the California Maternal Mental Health Collaborative (2020 Mom) on the development of California AB 2193, “Maternal Mental Health” (2017-2018)

Consultation to Representative Dave Pinto on legislation to support early child development, including support during pregnancy and childbirth (2017)

Content Expert for the California Health Benefits Review Program (CHBRP) regarding California AB 1954, “Direct Access to Reproductive Health Care Act” (2016)

Consultation to Representative Jennifer Schultz on legislation to support the implementation of Minnesota Statutes Chapter 108, Section 11, Subdivision 28b (2015 - 2016)

Testimony to Chairman Ron Latz and Minnesota Senate Judiciary Committee on Senate File 2423 “A bill for an act relating to public safety; addressing the needs of incarcerated women related to pregnancy and childbirth” Minnesota State Legislature (March 25, 2014)

Testimony to Representative Kirsten Running-Marquardt, Iowa State House of Representatives, House Appropriations Committee regarding use of my research on cesarean rates to support a proposed ban on all elective cesarean deliveries among Medicaid recipients (2013)

Testimony to Chairman Tom Huntley, Minnesota Senate Finance Committee on Senate File 699 “A bill for an act relating to human services; requiring medical assistance to cover doula services;” Minnesota State Legislature (April 9, 2013) based on my research on costs of doula care; Legislation passed, adopted in 2013 Minnesota Statutes Chapter 108, Section 11, Subdivision 28b

Consultation to Representative Jim Abeler, Chair of the Health and Human Services Committee, Minnesota Legislature on maternity care-related legislation (2012) based on my research on maternity care quality

Consultation to the Bureau of Family Health and Nutrition in the Massachusetts Department of Public Health on the implementation of “An Act Relative to Post Partum Depression (PPD): Chapter 313 of the Acts of 2010” (2011) based on my research on postpartum depression legislation

*State agencies*

Invited member of the Minnesota Maternal Mortality Review Task Force, Maternal and Child Health Section of the Minnesota Department of Health (2013 – Present)

Consultation to the Perinatal Practices Advisory Group of the Division of Medical Assistance in the Minnesota Department of Human Services (2010 – 2016)

Invited member of the Preconception Care Work Group, Maternal and Child Health Section of the Minnesota Department of Health, (2013 – 2015)

Invited member of the Infant Mortality Reduction Work Group, Minnesota Department of Health Advisory Task Force 2013 Work Groups (2013 – 2015)

Member of the Coordinating Committee for the Strong Start Initiative for Mothers and Newborns, led by the Minnesota Department of Human Services (2012 - 2013)

*Professional societies and organizations*

Member of the Government Affairs Committee, March of Dimes Minnesota Chapter (2012 – 2016)

***Delivery Systems and Provider Organizations (3 total)***

Fairview Health Services

- Zero Birth Injury Initiative for perinatal safety and quality improvement (Member; 2011 – present; Steering Committee Member; 2012 – 2013)
- Invited participant in Fairview Health Services Decision Accelerator meeting for the Obstetric and Neonatal Services Line (2011)

Member of the Minnesota Perinatal Women’s Mental Health Coalition, led by the Deborah E. Powell Center for Women’s Health at the University of Minnesota’s Academic Medical Center (2011 – Present)

***Community Organizations (3 total)***

Consultation to Ahavah Birth Works on equity in childbirth care, including sharing research on access to doula services for diverse, low-income women (2015 – Present)

Consultation to Minnesota Better Birth Coalition on legislation to improve access to doula services and birth center care (2013 – 2017)

- 2013 Legislative Session: provided input and testimony on Senate File 699 and House File 768
- 2016: shared research relevant to Minnesota Statutes, section 256B.0625, subd. 28b

Consultation to Women’s Initiative for Self-Empowerment (WISE), Inc. on women’s health and health disparities programs and development (2012 – 2016)

**SERVICE TO THE UNIVERSITY/COLLEGE/DEPARTMENT**

***University of Minnesota (17 service roles total)***

University-wide Service (8 total)

Deborah E. Powell Center for Women’s Health, Peer Mentor (2014 – Present)

University of Minnesota College of Liberal Arts, Health Careers Panel (2014)

University of Minnesota Annual Women’s Health Research Conference; Planning Committee (2012 – 2016)

Life Course Center (LCC), Department of Sociology: Member (2012 – Present)

University Honors Program, Office for National & International Scholarships, Mock Interview Panelist (2012 - 2013)

Deborah E. Powell Center for Women’s Health: Member (2010 – Present)

Minnesota Population Center: Member (2010 – Present)

University of Minnesota Supercomputing Institute: Member (2010 – Present)

Collegiate Service (School of Public Health) (5 total)

SPH Faculty Consultative Committee (2015 – 2018)

SPH Policy Council (2015 – 2018)

SPH Dean's Office Strategic Planning Committee, Maternal and Child Health: Co-chair, May (2014 – 2015)

SPH Junior Faculty Monthly Meetings: Coordinator, (2012 – 2013)

School of Public Health, Health Equity Work Group: Member, (2011 – Present)

Coordinator, Raising of America Initiative (2015 – 2016)

Health equity peer mentor, curriculum development (2015 – Present)

Department Service (Division of Health Policy and Management) (9 total)

Search Committee, Researcher 5 for the Rural Health Research Center (2015 – 2016)

Search Committee, Health Outcomes Faculty Position (2015 - 2016)

Search Committee, Researcher 5/6 for the Rural Health Research Center (2015)

Faculty Workload Credit Committee: Member (2015 – 2017)

Student Authorship Committee: Member (2014 – 2016)

Search Committee, Senior Research Fellow for the Rural Health Research Center (2014)

Search Committee, Research Fellow for the Rural Health Research Center (2013)

Departmental Best Dissertation Award: Selection committee member (2014)

PhD Admissions Committee: Member (2013 - 2015)

Data Infrastructure Committee: Member (2012-2015)

Search Committee, Instructor for Foundations of Public Health (online) for the Public Health Administration and Policy (PHAP) Program: Committee member (2012)

***Harvard University (4 service roles total)***

University-wide Service

Harvard University Native American Program Powwow Committee (2007 - 2008)

Collegiate Service (Faculty of Arts and Sciences)

Resident Tutor, Adams House – Masters Judith and Sean Palfrey (2006 - 2010)

Sexual Assault and Sexual Harassment Advisor, Office of Sexual Assault Prevention and Response (2008 - 2010)

Fellowships Advisor, Office of Career Services (2006 - 2008)

***Princeton University (2 service roles total)***

Collegiate Service (Woodrow Wilson School)

Masters in Public Affairs (MPA) Program Admissions Committee (student member), Woodrow Wilson School of Public and International Affairs, Princeton University (2002 - 2003)

## **OTHER SERVICE**

### Board membership (2 total)

Truman Scholars Association: Board, (2005 – 2008); Member, (1999 – Present)  
Peabody Terrace Child Care Center: Board, (2008 - 2009)

### Community service activities (5 total)

Volunteer Youth Soccer Coach, Vadnais Heights, MN (2013 – Present)  
Seed Savers Exchange: Member (2015 – Present)  
Minnesota Horticultural Society: Member (2014 – Present)  
Arbor Day Foundation: Member (2013 – Present)  
North Country Trail Association, Laurentian Lakes Chapter: Member (2010 – Present)  
Sierra Club, North Star Chapter: Member (2010 – Present)