

# Peiyin Hung, PhD, MSPH

Pronouns: she/her/hers

## Campus Office

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## EDUCATION

<b>PhD</b>	<b>University of Minnesota, School of Public Health</b> Department of Health Services Research, Policy, and Administration	<i>Aug 2011-Aug 2017</i>
<b>MSPH</b>	<b>Emory University, Rollins School of Public Health</b> Department of Health Policy and Management	<i>Aug 2009-May 2011</i>
<b>Certificate</b>	<b>University of Washington, School of Public Health</b> Certificate, Medical Management	<i>Aug 2008-Jan 2009</i>
<b>BBA</b>	<b>Chung-Shan Medical University, Taichung Taiwan</b> Department of Health Services Administration Valedictorian, <i>Summa Cum Laude</i>	<i>Sep 2001-Jun 2005</i>

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## RESEARCH INTERESTS

- Rural Health
- Healthcare Quality
- Hospital Care
- Maternal and Child Health
- Access to Care
- Consumer Choice

## HONORS & AWARDS

Professional:	Breakthrough Research Star, University of South Carolina	2023
	Delta Omega Honor Society, University of South Carolina	2021
	2019 National Rural Health Association Policy Fellowship	2018
Academic:	AcademyHealth Alice S. Hersh Student Scholarship	2017
	NRHA/John Snow Inc. Achievement Award	2017
	Certificate of Distinction in Research (National Science Council Summer Internship Program, Taipei, Taiwan)	2009
	Yu-Shan Association of Healthcare Executives Undergraduate Research Award	2005
	Phi Tau Phi Honor Society	2005

## PROFESSIONAL EXPERIENCE

<b>Assistant Professor (Tenure-Track)</b> University of South Carolina Arnold School of Public Health, Department of Health Services Policy and Management, Columbia, SC	<i>Aug 2018-present</i>
<b>Postdoctoral Research Associate</b> Yale University, School of Public Health, New Haven, CT	<i>Sep 2017-Aug 2018</i>
<b>Research Assistant/Statistical Programmer</b> University of Minnesota Rural Health Research Center, Minneapolis, MN	<i>Jul 2011- Jun 2017</i>
<b>Teaching Fellow</b> University of Minnesota, Division of Health Policy and Management, MN	<i>Aug 2016-May 2017</i>
<b>Doctoral Research Assistant</b> University of Minnesota, Division of Health Policy and Management, MN	<i>May 2015- Aug 2015</i>
<b>Graduate Research Assistant</b> Institute for Study of Disadvantage and Disability, Atlanta, GA	<i>May 2010-May 2011</i>
<b>Research Intern</b> National Taiwan University International Health Center, Taiwan	<i>Jun 2009-Aug 2009</i>
<b>Undergraduate Work-Study Research Assistant</b> Central Medical Network, Department of Health, Taiwan & Chung-Shan Medical University, Taichung, Taiwan	<i>Aug 2003-May 2005</i>
<b>Accounting Assistant</b> Sing Zeng Yu Construction Co, Ltd., & ALD Hardware, Taiwan	<i>Oct 2005-Aug 2007</i>

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## RESEARCH FUNDING

### Pending Applications

<b>Multiple Principal Investigator (20%; \$3.6 Million)</b> Understanding Structural Racism and Racial/Ethnic Disparities in Severe Maternal Morbidity and Mortality: A Dynamic Prediction and Simulation Modeling Approach <i>Lead PI:</i> Jiajia Zhang, PhD; Peiyin Hung, PhD <i>Funder:</i> National Institutes of Health (R01)	<i>Pending (2023-2028)</i>
<b>Co-Investigator (10%)</b> Improving Foster Children's Well-Being in South Carolina: The Role of Telemental Health <i>Lead PI:</i> Yanfeng Xu, PhD, MSW; Nelis Soto-Ramirez, PhD, MS, MPH <i>Funder:</i> The BlueCross BlueShield of South Carolina Foundation	<i>Pending (2023-2026)</i>
<b>Multiple Principal Investigator (35%; \$17.1 Million)</b> Maternal, Labor, and Obstetric Viability Equity Research Center of Excellence (Ma-LOVE) <i>Lead PI:</i> Jihong Liu, ScD; Peiyin Hung, PhD <i>Funder:</i> National Institutes of Health (U54)	<i>Pending (2023-2030)</i>

- Site Principal Investigator (20%; \$4.2 Million)** *Pending (2023-2028)*  
 Personalized Auricular Point Acupressure Self-Management for Chronic Pain in Rural Populations  
*Lead PI:* Chao Hsing Yeh, PhD, MSN, RN (UT-Houston)  
*Funder:* National Institutes of Health/NINR (R01)
- Multiple Principal Investigator (20%; \$3.2 Million)** *Pending (2023-2028)*  
 Unraveling Multilevel Determinants of Access to Perinatal Alcohol Health Services through Big Data Analytics and Stakeholder Engagement  
*Lead PI:* Dezhi Wu, PhD; Peiyin Hung, PhD  
*Funder:* National Institutes of Health, NIAAA (R01)
- Site Principal Investigator (10%; \$3.2 Million)** *Pending (2023-2028)*  
 A multistate analysis on racial inequities in maternal health care quality and outcomes: the role of obstetric unit closures and all-payer setting system  
*Lead PI:* Alecia McGregor, PhD  
*Funder:* Agency for Healthcare Research and Quality (R01)
- Co-Investigator (10%; \$190,950)** *Pending (2023-2025)*  
 Obstetric Unit Closures, Payment Systems, and Racial Inequities in Obstetric Care: Would An All-Payer System Make A Difference?  
*Lead PI:* Alecia McGregor, PhD  
*Funder:* the Commonwealth Fund

## Current Studies

- Principal Investigator (20% role; \$3.1 Million)** *2022-2027*  
 Mitigating Effects of Telehealth Uptake on Disparities in Maternal Care Access, Quality, Outcomes, and Expenditures During the COVID-19 pandemic  
*Lead PI:* Peiyin Hung, PhD; Xiaoming Li, PhD  
*Funder:* National Institutes of Health, NICHD (U01)
- Deputy Director (18% role; \$2.8 Million)** *2020-2024*  
 SC Rural & Minority Health Research Center. Center conducts up to 4 independent research projects per year.  
*Lead PI:* Elizabeth Crouch, PhD  
*Funder:* Federal Office of Rural Health Policy (HRSA)
- Site Principal Investigator (10-15% role; \$4.7 Million)** *2022-2027*  
 Addressing rural cancer disparities via proactive smoking cessation treatment within primary care  
*Lead PI:* Jennifer Dahne, PhD  
*Funder:* National Institutes of Health, NCI (R01)
- Co-Investigator (20% role; \$886,186)** *2021-2022*  
 Multilevel Determinants of Racial and Ethnic Disparities in Maternal Morbidity and Mortality in the Context of COVID-19 Pandemic. Led multiple studies addressing maternal health.  
*Lead PI:* Xiaoming Li, PhD; Jihong Liu, ScD  
*Funder:* National Institutes of Health, NIAID (R01 Supplement)
- Co-Investigator (\$29,964)** *2023-2024*  
 Trust, Personal Finances, Health Literacy & Health Service Use: A Two-Wave Survey Approach  
*Lead PI:* Caroline Rudisill, MSc, PhD

*Funder:* NIH Funded University of Michigan Social, Behavioral, and Economic COVID Coordinating Center (SBE CCC)

**Co-Investigator (\$40,000)**

2022-2023

Identifying risk factors associated with health disparities and recovery strategies in perinatal polysubstance use disorder and adverse birth outcomes: a multi-data analysis approach

*Lead PI:* Dezhi Wu, PhD

*Funder:* USC Big Data Health Science Center

## Completed Projects

**Principal Investigator (35% role; \$100,000)**

2021-2022

Environmental Scan of South Carolina Healthcare Providers' Adoption and Use of Certified Electronic Health Records (EHR) Technology

*Lead PI:* Peiyin Hung, PhD

*Funder:* South Carolina Department of Health & Human Services

**Co- Investigator (15% role; \$2,500,000)**

2017-2020

SC Rural Health Research Center.

*Lead PI:* Jan M. Eberth, PhD and Elizabeth Crouch, PhD

Multiple projects and analyses; see Publications and Briefs

*Funder:* Federal Office of Rural Health Policy (HRSA)

**Co-Investigator (\$24,954)**

2020-2021

Impacts of social distancing practice on vulnerable pregnant and postpartum women during the outbreak of COVID-19: Cross-sectional Electronic Surveys

*Lead PI:* Jihong Liu, ScD

*Funder:* USC Office of the Vice President for Research (COVID-19 Research Initiative)

**Co-Principal Investigator (11% role; \$43,800)**

2019-2021

A Geospatial Analysis of the Efficacy of an Augmented Transportation Intervention for People not Engaged in HIV Medical Care

*Lead PI:* Divya Ahuja, MD

*Funder:* ViiV Healthcare Corporate

**Principal Investigator (2% role; \$15,000)**

2019-2021

Trend and consequences of provider-hospital consolidation for obstetric care In Urban and Rural South Carolina

*PI:* Peiyin Hung, PhD

*Funder:* USC Office of the Vice President for Research (ASPIRE I)

**Principal Investigator (\$2,750)**

2019-2020

Trend in Obstetric Care Telehealth Adoption Among the US Hospitals

*Lead PI:* Peiyin Hung, PhD

*Funder:* USC Office of the Vice President for Research (Magellan)

**Co-Investigator (25% role; \$75,000)**

2019

CDC Foundation on Sexually Transmitted Diseases Services in South Carolina

*PI:* Elizabeth Crouch, PhD

*Funder:* Centers for Disease Control and Prevention (CDC)

- Co-Investigator (25% role; \$65,000)** 2019  
 SC Campaign to Prevent Teen Pregnancy /The Duke Endowment  
*PI:* Elizabeth Crouch, PhD  
*Funder:* Duke/ LARC
- Postdoctoral Associate** 2017-2018  
 Comparative Effectiveness Analyses Among Conservative Treatment Strategies  
 for Ductal Carcinoma in Situ  
*PI:* Shiyi Wang, MD, PhD  
*Funder:* Patient-Centered Outcomes Research Institute
- Methodology Consultant/Research Analyst** 2011-2017  
 University of Minnesota Rural Health Research Center  
*PI:* Ira Moscovice, PhD; Katy Kozhimannil, PhD  
 Multiple projects and analyses; see Publications and Briefs  
*Funder:* Federal Office of Rural Health Policy (HRSA)
- Principal Investigator** 2004-2005  
 Effects of Bedside Video Conference System on Patient Care  
*Adviser:* Jun-Wen Wang, PhD  
*Funder:* National Science Council of the Executive Yuan, Taiwan

**PUBLICATIONS** Student authors are underscored.

**Peer-Reviewed Journal Articles**

1. Liang C, Lyu T, Liu J, **Hung P**, Zhang J, Campbell B, Ghumman N, Olatosi, B, Hikmet N, Zhang M, Yi H, Li X. Risk for stillbirth among pregnant individuals with SARS-CoV-2 infection varied by gestational age: a retrospective analysis using nationwide electronic health records in the United States. *American Journal of Obstetrics and Gynecology*. Accepted. **IF:8.661**
2. Li Z, Xuan M, Qian D, **Hung P**. Trends in the realized availability of community-based home visiting services among oldest-old in China, 2005 to 2018. *BMJ Open*. **IF:3.007**
3. Crouch E, Radcliff E, Merrell M, Brown MJ, **Hung P**. The association between positive childhood experiences and childhood flourishing among US children. *Journal of Developmental & Behavioral Pediatrics*. Accepted. **IF:3.061**
4. Shalowitz DI, **Hung P**, Zahnd WE, Eberth J. Pre-pandemic geographic access to hospital-based telehealth for cancer care in the United States. *PLoS One*. 2023 Jan 31;18(1):e0281071. doi: 10.1371/journal.pone.0281071. PMID: 36719889; PMCID: PMC9888704. **IF: 3.752**
5. Li Z, **Hung P**, Shi K, Cheng C, Qian D. Association of Rurality, Primary Caregivers, Place of Death, with End-of-life Medical Expenditures among Oldest-old in China. *International Journal for Equity in Health*. Accepted. **IF: 3.192**
6. Bell N, **Hung P**, Lòpez-DeFede A, Arp AS. Broadband access within Medically Underserved Areas and its implication for telehealth utilization. *J Rural Health*. Accepted. **IF: 5.667**

7. Culp F, Wu Y, Wu D\*, Ren Y, Raynor P, **Hung P**, Qiao S, Li X, Eichelberge K. Understanding Alcohol Use Discourse and Stigma Patterns in Perinatal Care on Twitter. *Healthcare*. Accepted. **IF: 3.160**
8. Lyu T, Chen L, Liu J, Campbell BA, **Hung P**, Shih Y, Ghumman N, Li X. Temporal Events Detector for Pregnancy Care (TED-PC): A Rule-based Algorithm to Infer Gestational Age and Delivery Date from Electronic Health Records of Pregnant Women with and without COVID-19. *PLOS One*. Accepted. **IF: 3.752**
9. **Hung P**, Liu J, Norregaard C, Shih Y, Liang C, Zhang J, Olatosi B, Campbell BA, Li X. Analysis of Residential Segregation and Racial and Ethnic Disparities in Severe Maternal Morbidity Before and During the COVID-19 Pandemic. *JAMA Netw Open*. 2022 Oct 3;5(10):e2237711. doi: 10.1001/jamanetworkopen.2022.37711. PMID: 36264572; PMCID: PMC9585430. **IF: 13.37**
10. Zahnd WE, **Hung P**, Shi SK, Zgodic A, Merrell MA, Crouch EL, Probst JC, Eberth JM. Availability of hospital-based cancer services before and after rural hospital closure, 2008 - 2017. *Journal of Rural Health*. In Press. **IF: 5.667**
11. **Hung P**, Probst JC, Shih Y, Ranganathan R, Crouch EL, Eberth JM. Rural-urban disparities in inpatient psychiatric care quality in the United States. *Psychiatric Services*. In Press. **IF: 4.157**
12. Chang W, Lo Y, Mazzotti VL, Rowe DA, **Hung P**. Perceptions of Parents of Youth with Disabilities Toward School-Based Parent Engagement. *Journal of Family Studies*. 2022. Doi: 10.1080/13229400.2022.2098805 **IF: 2.267**
13. Bell N, **Hung P**, Merrell MA, Crouch E, Eberth JM. Changes in access to community health services among rural areas affected and unaffected by hospital closures between 2006 and 2018: A comparative interrupted time series study. *J Rural Health*. 2022 Jul 17. doi: 10.1111/jrh.12691. Epub ahead of print. **IF: 5.667**
14. Liu J, **Hung P**, Liang C, Zhang J, Qiao S, Campbell BA, Olatosi B, Torres ME, Hikmet N, Li X. Multilevel determinants of racial/ethnic disparities in severe maternal morbidity and mortality in the context of the COVID-19 pandemic in the USA: protocol for a concurrent triangulation, mixed-methods study. *BMJ Open*. 2022 Jun 10;12(6):e062294.. **IF: 2.692**
15. Mi T, **Hung P**, Li X, McGregor A, He J, Zhou J. Racial and Ethnic Disparities in Postpartum Care in the Greater Boston Area During the COVID-19 Pandemic. *JAMA Netw Open*. 2022 Jun 1;5(6):e2216355. doi: 10.1001/jamanetworkopen.2022.16355. PMID: 35737390; PMCID: PMC9226999. **IF: 13.37**
16. Noochpoung R, **Hung P**, Hair NL, Putthasri W, Chen B. Can a high-powered financial incentive programme reduce resignation rates among healthcare providers in rural areas? Evidence from Thailand's 2008 Hardship Allowance programme. *Health Policy Plan*. 2022 May 12;37(5):624-633. **IF: 3.547**
17. Eberth JM, **Hung P**, Benavidez G, Probst JC, Zahnd WE, McNatt MK, Toussaint E, Merrell MA, Crouch EL, Oeysode OJ, Yell N, Nicolas. The problem of the color line: spatial access to hospital services for minoritized racial/ethnic groups. *Health Affairs (Millwood)*. 2022;41(2):237-246. **IF: 9.048**
18. **Hung P**, Cramer LD, Pollack CE, Gross CP, Wang SY. Primary care physician continuity, survival, and end-of-life care intensity. *Health Serv Res*. 2022 Aug;57(4):853-862. doi: 10.1111/1475-6773.13869. **IF: 3.734**

19. **Hung P**, Shi K, Probst JC, Zahnd WE, Zgodic A, Merrell MA, Crouch E, Eberth JM. Trends in Cancer Treatment Service Availability Across Critical Access Hospitals and Prospective Payment System Hospitals. *Med Care*. 2022 Mar 1;60(3):196-205. **IF: 3.178**
20. Adams SA, Zahnd WE, Ranganathan R, **Hung P**, Brown MJ, Truman S, Biesecker C, Kirksey VC, Eberth JM. Rural and racial disparities in colorectal cancer incidence and mortality in South Carolina, 1996 - 2016. *J Rural Health*. 2022 Jan;38(1):34-39. doi: 10.1111/jrh.12580. Epub 2021 May 8. PMID: 33964026. **IF: 5.667**
21. McGregor AJ, **Hung P**, Garman D, Amutah-Onukagha N, Cooper JA. Hospital Obstetric Unit Closures and Racial Disparities in Severe Maternal Morbidity. *American Journal of Obstetrics and Gynecology MFM*. 2021 Nov;3(6):100480. doi: 10.1016/j.ajogmf.2021.100480. **IF: 8.679**
22. Crouch E, Radcliff E, Merrell MA, Hung P, Bennett KJ. Positive Childhood Experiences Promote School Success. *Matern Child Health J*. 2021 Oct;25(10):1646-1654. **IF: 2.319**
23. Liu J, **Hung P**, Alberg AJ, Hair NL, Whitaker KM, Simon J, Taylor SK. Mental health among pregnant women with COVID-19-related stressors and worries in the United States. *Birth*. 2021 Dec;48(4):470-479. doi: 10.1111/birt.12554. Epub 2021 May 19. PMID: 34008216; PMCID: PMC8239832. **IF: 3.689**
24. Crouch E, Radcliff E, Bennett K, Brown MJ, **Hung P**. Examining the Relationship Between Adverse Childhood Experiences and ADHD Diagnosis and Severity. *Academic Pediatrics*. 2021. 18:S1876-2859(21)00149-2. **IF: 2.993**
25. Li Z, Harrison SE, Li X, **Hung P**. Telepsychiatry Adoption across Hospitals in the United States: A Cross-Sectional Study. *BMC Psychiatry*. 2021 Dec;21(1):188. **IF: 4.144**
26. Brown MJ, Haider MR, **Hung P**, Crouch E. Disparities by Gender and Race/Ethnicity in Child Maltreatment and Memory Performance. *Journal of Interpersonal Violence*. 2021. 12:8862605211015222. doi: 10.1177/08862605211015222. Epub ahead of print. **IF: 6.144**
27. Eberth JM, Zahnd WE, Josey MJ, Schootman M, **Hung P**, Probst JC. Trends in Spatial Access to Colonoscopy in South Carolina, 2000-2014. *Spatial and Spatio-temporal Epidemiology*. 2021;37:100414. doi: 10.1016/j.sste.2021.100414. Epub 2021 Mar 6. **IF: 0.86**
28. Whitaker KM, **Hung P**, Alberg AJ, Hair NL, Liu J. Variations in health behaviors among pregnant women during the COVID-19 pandemic. *Midwifery*. 2021 Apr;95:102929. doi:10.1016/j.midw.2021.102929. 2021. **IF: 2.640**
29. Luo Q, Shi K, **Hung P**, Wang SY. Associations Between Health Literacy and End-of-Life Care Intensity Among Medicare Beneficiaries. *Am J Hosp Palliat Care*. 2021 38(6):626-633. **IF: 2.090**
30. Merrell MA, Betley C, Crouch E, **Hung P**, Stockwell I, Middleton A, Pearson WS. Screening and Treatment of Sexually Transmitted Infections among Medicaid Populations - A 2-State Analysis. *Sex Transm Dis*. 2021 Aug 1;48(8):572-577. **IF: 3.868**
31. **Hung P**, Shih YW, Brown MJ, Crouch E. Suicide Prevention Programs Across U.S. Outpatient Mental Health Care Settings: Differences by Facility Ownership. *Psychiatr Serv*. 2021 Mar 4:appips202000203. doi: 10.1176/appi.ps.202000203. Epub ahead of print. PMID: 33657840. **IF: 4.157**

32. Purser J, Harrison S, **Hung P**. Going the distance: Associations between adverse birth outcomes and obstetric provider distances for adolescent pregnancies in South Carolina. *J Rural Health*. 2021 Feb 22. doi: 10.1111/jrh.12554. **IF: 5.667**
33. **Hung P**, Zahnd WE, Brandt HM, Adams SA, Wang S, Eberth JM. Cervical cancer treatment initiation and survival: The role of residential proximity to cancer care. *Gynecol Oncol*. 2021 Jan;160(1):219-226. **IF: 4.623**
34. Wang SY, **Hung P**, Killelea BK, Mougalian SS, Evans SB, Gross CP. Response to Meurs, Menke-Pluijmers, Seisling, and Westenend. *JNCI Cancer Spectr*. 2020 Sep 3;4(6):pkaa080. doi: 10.1093/jncics/pkaa080. PMCID: PMC7771427. **IF: 2.648**
35. Li Z, **Hung P**, He R, Zhang L. Association between direct government subsidies and service scope of primary care facilities: a cross-sectional study in China. *Int J Equity Health*. 2020 Aug 10;19(1):135. doi: 10.1186/s12939-020-01248-7. PMID: 32778111; PMCID: PMC7418383. **IF: 4.70**
36. Shi K, **Hung P**, Wang SY. Associations Among Health Literacy, End-of-Life Care Expenditures, and Rurality. *The Journal of Rural Health*. 2020 Jun;37(3):517-525. **IF: 5.667**
37. **Hung P**, Busch SH, Shih YW, McGregor AJ, Wang S. Changes in community mental health services availability and suicide mortality in the US: a retrospective study. *BMC Psychiatry*. 2020 Dec;20:1-2. **IF: 4.144**
38. Li Z, **Hung P**, He R, Tu X, Li X, Xu C, Lu F, Zhang P, Zhang L. Disparities in end-of-life care, expenditures, and place of death by health insurance among cancer patients in China: a population-based, retrospective study. *BMC Public Health*. 2020 Dec;20(1):1-9. **IF: 4.135**
39. Probst JC, Zahnd WE, **Hung P**, Eberth JM, Crouch EL, Merrell MA. Rural-urban mortality disparities: variations across causes of death and race/ethnicity, 2013–2017. *American Journal of Public Health*. 2020 Sep;110(9):1325-7. **IF: 11.580**
40. Cheng E, **Hung P**, Wang SY. Geographic variations of potentially curative treatments for hepatocellular carcinoma in the United States: a SEER-Medicare study. *Journal of the National Comprehensive Cancer Network*. 2020 Jun 1;18(6):729-36. **IF: 12.693**
41. **Hung P**, Hsu SH, Wang SY. Associations Between End-of-Life Expenditures and Hospice Stay Length Vary by Clinical Condition and Expenditure Duration. *Value in Health*. 2020 Jun 1;23(6):697-704. **IF: 5.101**
42. **Hung P**, Deng S, Zahnd WE, Adams SA, Olatosi B, Crouch EL, Eberth JM. Geographic disparities in residential proximity to colorectal and cervical cancer care providers. *Cancer*. 2020 Mar 1;126(5):1068-76. **IF: 6.921**
43. **Hung P**, Wang SY, Killelea BK, Mougalian SS, Evans SB, Sedghi T, Gross CP. Long-term outcomes of sentinel lymph node biopsy for ductal carcinoma in situ. *JNCI cancer spectrum*. 2019 Dec;3(4):pkz052. <http://doi.org/10.1093/jncics/pkz052> **IF: 2.648**
44. Crouch E, Radcliff E, **Hung P**, Bennett K. Challenges to school success and the role of adverse childhood experiences. *Academic Pediatrics*. 2019, no. 8 (2019): 899-907. **IF: 2.993**

45. Crouch E, Radcliff E, Brown M, **Hung P**. Exploring the association between parenting stress and a child's exposure to adverse childhood experiences (ACEs). *Children and Youth Services Review*. 2019 Jul 1;102:186-92. **IF: 2.519**
46. Hsu SH, **Hung P**, Wang SY. Factors associated with hospices' nonparticipation in Medicare's hospice compare public reporting program. *Medical Care*. 2019 Jan 1;57(1):28-35. **IF: 3.210**
47. Srinivas SK, Kozhimannil K, **Hung P**, Attanasio L, Jou J, Grobman WA. Do hospitals with a higher level of maternal care designation have better maternal outcomes? *American Journal of Perinatology*. 2019 May;36(06):653-8. **IF: 3.079**
48. **Hung P**, Casey MM, 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 Aug;38(6):645-52. **IF: 3.225**
49. Kozhimannil KB, **Hung P**, Henning-Smith C, Casey MM, Prasad S. Association between loss of hospital-based obstetric services and birth outcomes in rural counties in the United States. *JAMA*. 2018 Mar 27;319(12):1239-47. **IF: 56.3**
50. Prasad S, **Hung P**, Henning-Smith C, Casey M, Kozhimannil K. Rural hospital employment of physicians and use of cesareans and nonindicated labor induction. *Journal of Rural Health*. 2018 Feb;34:s13-20. **IF: 5.667**
51. **Hung P**, Henning-Smith CE, Casey MM, Kozhimannil KB. Access to obstetric services in rural counties still declining, with 9 percent losing services, 2004–14. *Health Affairs*. 2017 Sep 1;36(9):1663-71. **IF: 6.301**
52. Kozhimannil KB, **Hung P**, Casey MM, 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 Health Care for the Poor and Underserved*. 2016;27(4):128-43. **IF: 1.449**
53. Kozhimannil KB, Henning-Smith C, **Hung P**. The practice of midwifery in rural US hospitals. *Journal of Midwifery & Women's Health*. 2016 Jul;61(4):411-8. **IF: 2.388**
54. Casey MM, **Hung P**, Henning-Smith C, Prasad S, Kozhimannil KB. Rural implications of expanded birth volume threshold for reporting perinatal care measures. *The Joint Commission Journal on Quality and Patient Safety*. 2016 Apr 1;42(4):179-87. **IF: 1.651**
55. 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):247-50. **IF: 2.757**
56. Kozhimannil KB, **Hung P**, Casey MM, Lorch SA. Factors associated with high-risk rural women giving birth in non-NICU hospital settings. *Journal of Perinatology*. 2016 Jul;36(7):510-5. **IF: 2.438**
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 May;33(6):590. **IF: 1.964**
58. **Hung P**, Kozhimannil KB, Casey MM, Moscovice IS. Why are obstetric units in rural hospitals closing their doors?. *Health Services Research*. 2016 Aug;51(4):1546-60. **IF: 2.851**

59. Kozhimannil KB, Casey MM, **Hung P**, Prasad S, Moscovice IS. Location of childbirth for rural women: implications for maternal levels of care. *American Journal of Obstetrics and Gynecology*. 2016 May;214(5):661-e1. **IF: 4.911**
60. Casey MM, Moscovice I, Holmes GM, Pink GH, **Hung P**. Minimum-distance requirements could harm high-performing critical-access hospitals and rural communities. *Health Affairs*. 2015 Apr 1;34(4):627-35. **IF: 6.301**
61. Kozhimannil KB, Casey MM, **Hung P**, Han X, Prasad S, Moscovice IS. The rural obstetric workforce in US hospitals: challenges and opportunities. *Journal of Rural Health*. 2015 Sep;31(4):365-72. **IF: 2.667**
62. Casey MM, **Hung P**, Moscovice I, Prasad S. The use of hospitalists by small rural hospitals: Results of a national survey. *Medical Care Research and Review*. 2014 Aug;71(4):356-66. **IF: 2.911**
63. Kozhimannil KB, **Hung P**, Prasad S, Casey MM, McClellan M, Moscovice IS. Birth volume and the quality of obstetric care in rural hospitals. *Journal of Rural Health*. 2014 Sep;30(4):335-43. **IF: 2.667**
64. Kozhimannil KB, **Hung P**, Prasad S, Casey MM, Moscovice IS. Rural-urban differences in childbirth care, 2002-2010, and implications for the future. *Medical Care*. 2014 Jan;52(1):4. **IF: 3.241**
65. **Hung P**, Gaydos LM. Substance use and child health outcomes among mothers experiencing homelessness in an Atlanta rehabilitation center. *International Journal on Disability and Human Development*. 2012 Nov 1;11(4):403-9.
66. **Hung P**, Wang JW, Tai MC. Effects of Bedside Video Conference System on Patient Care in a Community Hospital in Taiwan. [Chinese] *Taiwan Yu-Shan Association Journal* 3 (2006):12-16.
67. Hsu FH, Wang JW, Yeh TF, Ho GB, **Hung P**. Implementing the Concept of “Semi-Open Hospital System” on the Global Budget for the Hospitals in the Central Taiwan. [Chinese] *Taiwan Medical Journal* 9 (2005):48-49.

### Papers Under Review

68. Mi T, **Hung P**, Li X, Zhou J, Liu J. Social Support as A Modifier of the Association between Technology Capacity and Prenatal Care during the COVID-19 Pandemic: A National Survey Study. *Maternal and Child Health Journal*. Revision and Resubmission. **IF: 2.276**
69. Williams MJ., Xirasagar S, **Hung P**, Hair NL, Liu J. Association of Preconception Oral Health Counseling by Medical Providers with Women’s Preventive Dental Services Use. *Journal of Public Health Dentistry*.
70. Adams SA, Wickersham KE, Babatunde OA, Zahnd WE, **Hung P**, Truman S, Eberth JM, Heiney SP, Felder TM. An Investigation of Travel Distance and Timeliness of Breast Cancer Treatment Among a Diverse Cohort. *Annals of Epidemiology*.
71. **Hung P**, Alberg AJ, Whitaker K, Hair NL, Simon J, Taylor S, Liu J. Racial and Ethnic Disparities in Social Distancing Behaviors during COVID-19 among Pregnant Women. *BMC Pregnancy and Childbirth*.

72. Zhao L, Liu J, Whitake K, **Hung P**, Hair N, Chen E, Alberg, A. Perceived Adverse Changes in Physical Activity, Sitting Time, and Sleep Among Postpartum Women During the COVID-19 Pandemic. *Birth*. Revision and Resubmission. **IF: 3.689**
73. **Hung P**, Norregaard C, Yu J, Liu J, Cai B, Harrison S, Li X. Temporal trends of telehealth use for prenatal care among Medicaid beneficiaries before and during COVID-19 by maternal race/ethnicity and urban/rural residence. *Medical Care*. Revision and Resubmission. July 8, 2022.
74. Li Z, Xuan M, Qian D, **Hung P**. Trends in the Realized Availability of Community-based Home Visiting Services among Oldest-old in China, 2005 to 2018. *Social Science & Medicine*. Submitted on July 2, 2022.
75. Li Z, Merrell MA, Eberth JM, Wu D, **Hung P**. Successes and Barriers of Health Information Exchange Participation Across Hospitals in South Carolina, 2014 to 2020. *J Med Internet Res*. Submitted on July 11, 2022. Revision and Resubmission on December 17, 2022.
76. Liu J, **Hung P**, Zhang J, Campbell B, Olatosi B, Shih Y, Liang C, Li X. Impacts of COVID-19 pandemic on racial/ethnic disparities in severe maternal morbidity: data from the South Carolina COVID Cohort. *American Journal of Obstetrics and Gynecology*. Submitted on December 12, 2022.
77. **Hung P**, Benavidez GB, Li Z, Crouch EL, Janice Probst. Spatial access to hospital-based obstetric units in the United States, 2010-2020. *JAMA*. Submitted on August 6, 2022.
78. Crouch E, Radcliff E, Bennett K, Brown MJ, **Hung P**. Child and Adolescent Health in the United States: The Role of Adverse and Positive Childhood Experiences. *Journal of Child & Adolescent Trauma*. Submitted on January 26, 2023.
79. Julceus EF, Olatosi, **Hung P**, Zhang J, Li X, Liu J. Racial disparities in adequacy of prenatal care during the COVID-19 pandemic in South Carolina, 2018-2021. *BMC Pregnancy & Childbirth*. Submitted on November 21, 2022.
80. Negoro SND, Hantman RM, Probst JC, Andrews CM, Crouch E, **Hung P\***. Geographic Variations in Spatial Access to Mental Health Facilities, Digital Access to Technology, and Household Privacy in the United States. *JAMA Psychiatry*. Submitted on November 24, 2022.

## Book Chapters

1. **Hung P**. Taiwan. In Bruce J. Fried & Laura Gaydos (Ed.), *World Health Systems: Challenges and Perspectives*. Health Administration Press; 2<sup>nd</sup> Edition. 2011.
2. Hefei W, **Hung P**. China. In Bruce J. Fried & Laura Gaydos (Ed.), *World Health Systems: Challenges and Perspectives*. Health Administration Press; 2<sup>nd</sup> Edition. 2011.

## Research Briefs

1. **Hung P**, Giannouchos T, Tabassum M, Qin X, Crouch E. *Rural-Urban Differences in Medicare Fee-for-Service Health Care Expenditures Before and After the Passage of the Affordable Care Act*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. February 2023.
2. Zahnd WE, Ranganathan R, Crouch EL, **Hung P**, Eberth JM, Benavidez G. *Accommodation and Acceptability of Health Care by Non-Metropolitan/Metropolitan and Race/Ethnicity Status*.

- Policy Brief. University of South Carolina Rural and Minority Health Research Center. December 2022.
3. Zahnd WE, Silverman A, Self S, **Hung P**, Natafqi N, Adams S, Merrell M, Owens S, Crouch EL, Eberth JM. *The Impact of the COVID-19 Pandemic on Rural Health Clinics' Operations and Cancer Prevention and Control Efforts*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. November 2022.
  4. Bell N, **Hung P**, Shi K, Crouch E, Eberth JM. *Changes in Access to Nearest Federally Qualified Health Centers and Rural Health Clinics among Rural ZIP Codes That Did and Did Not Experience Hospital Closures, 2006-2018*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. October 2022.
  5. Natafqi N, **Hung P**, Zahnd WE, Merrell MA, Benavidez GA, Oyesode OJ, Yell N, Babalola O, Crouch E, Probst JC, Eberth JM. *Availability of Hospital-Based Emergency Department and Trauma Services in Minoritized Racial/Ethnic Group Areas*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. September 2022.
  6. Zahnd WE, Benavidez GA, Oyesode OJ, Yell N, Crouch E, Eberth JM, **Hung P**, Probst JC. *Availability of Pharmacies in Minoritized Racial/Ethnic Areas*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. August 2022.
  7. **Hung P**, Benavidez G, Merrell MA, Zahnd WE, Crouch E, Probst JC, Eberth JM. *Spatial Access to Hospital-Based Obstetric Units Among Racial/Ethnic Minority Communities in Rural and Urban America*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. August 2022.
  8. Bell N, **Hung P**, Shi K, Merrell MA, Crouch E, Eberth JM. *Changes in Socioeconomic Mix and Health Outcomes in Rural Counties with Hospital Closures, 2005-2018*. Policy Brief. University of South Carolina Rural and Minority Health Research Center. January 2021.
  9. **Hung P**, Crouch E, Merrell MA. *Participation of South Carolina Public Health Clinics in Collaborative for Reproductive Education and Wellness*. University of South Carolina Rural and Minority Health Research Center. June 2020.
  10. **Hung P**, Workman M, Mohan K. *Overview of Rural Child Health*. National Rural Health Association Rural Health Fellowship Program, May 2020.
  11. Wang SY, **Hung P**, Killelea BK, Mougalian SS, Evans SB, Sedghi T, Gross CP. *Comparative effectiveness of sentinel lymph node biopsy for ductal carcinoma in situ*. Patient-Centered Outcomes Research Institute, December 2018.
  12. Casey MM, Moscovice IS, **Hung P**. *Quality Peer Group Indicators for Critical Access Hospitals*. Policy Brief, University of Minnesota Rural Health Research Center, July 2018.
  13. Casey MM, **Hung P**, Prasad S, Distel E. *Identifying Adverse Drug Events in Rural Hospitals: An Eight State Study*. Policy Brief, University of Minnesota Rural Health Research Center, May 2017.
  14. Casey MM, Distel E, Prasad S, **Hung P**. *Resources to Reduce Adverse Drug Events in Rural Hospitals*. . Policy Brief, University of Minnesota Rural Health Research Center, May 2017.
  15. **Hung P**, Kozhimannil KB, Henning-Smith C, Casey MM. *Closure of Hospital Obstetric Services Disproportionately Affects Less-Populated Rural Counties*. Policy Brief, University of Minnesota Rural Health Research Center, April 2017.
  16. **Hung P**, Kozhimannil KB, Casey MM, Henning-Smith C, Prasad S. *State Variations in the Rural Obstetric Workforce*. Policy Brief, University of Minnesota Rural Health Research Center, May 2016.

17. Casey MM, **Hung P**, Evenson A. *HCAHPS Results for US CAHs, Q2 2014 – Q1 2015*. Flex Monitoring Team Data Summary Report No.17, February 2016.
18. **Hung P**, Casey MM, Moscovice IS. *Which Rural and Urban Hospitals Have Received Readmission Penalties Over Time?* Policy Brief, University of Minnesota Rural Health Research Center, October 2015.
19. Kozhimannil KB, Casey MM, **Hung P**, Prasad S, Moscovice IS. *Rural Women Delivering Babies in Non-Local Hospitals: Differences by Rurality and Insurance Status*. Policy Brief, University of Minnesota Rural Health Research Center, June 2015.
20. Casey MM, Distel E, Evenson A, Prasad S, **Hung P**. *Reporting of Healthcare-Associated Infections by Critical Access Hospitals*. Flex Monitoring Team Briefing Paper No. 39, September 2015.
21. **Hung P**, Casey MM, Moscovice IS. *Nurse Staffing Levels and Quality of Care in Rural Nursing Homes*. Policy Brief, University of Minnesota Rural Health Research Center, January 2015.
22. **Hung P**, Casey MM, Moscovice IS. *Critical Access Hospitals' Receipt of Medicare and Medicaid Electronic Health Record Incentive Payments*. Flex Monitoring Team Briefing Paper No. 37, December 2014.
23. Kozhimannil KB, Casey MM, **Hung P**, Prasad S, Moscovice IS. *The Obstetric Care Workforce in CAHs and Rural Non-CAHs*. Policy Brief, University of Minnesota Rural Health Research Center, November 2014.
24. Casey MM, **Hung P**, McClellan M, Moscovice IS. *Critical Access Hospital Year 8 Hospital Compare Participation and Quality Measure Results*. Flex Monitoring Team Briefing Paper No. 34, September 2013.
25. Kozhimannil KB, **Hung P**, McClellan M, Casey MM, Prasad S, Moscovice IS. *Obstetric Services and Quality among Critical Access Hospitals, and Rural Hospitals in Nine States*. Policy Brief, University of Minnesota Rural Health Research Center, June 2013.
26. Casey MM, Bridget Barton, **Hung P**, Moscovice IS. *Critical Access Hospital Year 7 Hospital Compare Participation and Quality Measure Results*. Flex Monitoring Team Briefing Paper No. 30, August 2012.
27. Casey MM, **Hung P**, Moscovice IS. *Quality Reporting for CAHs and Rural PPS Hospitals: The Potential Impact of Composite Measures*. Policy Brief, University of Minnesota Rural Health Research Center, July 2012.

**PRESENTATIONS** \*presented by student/trainee presenter; Student authors are underscored.

### Invited Oral Presentations

1. “The role of prenatal telehealth uptake on maternal and birth outcomes before and during the COVID-19 pandemic.” World Gynecology 2022, Virtual, 2022.
2. “Leveraging electronic health records data for Medical Artificial Intelligence.” Department of Data Science and Big Data Analytics at Providence University, Taiwan.
3. “Translational Science in Maternal and Child Health.” Maternal and Child Health Leadership, Education, and Advancement in Undergraduate Pathways (LEAP) Program Meeting, Columbia, SC, 2021.

4. "Overview of Rural Child Health." National Rural Health Association Policy Congress Meeting, Washington, DC, 2020.
5. "Maternal and Obstetric Care Challenges in Rural America." National Advisory Committee on Rural Health and Human Services meeting, Atlanta, GA, 2020.
6. "Cancer Surveillance and Access to Care in rural America" Rural Health Gateway Webinar, Virtual, 2020.
7. "Forum on Improving Access to Maternal Health Care in Rural Communities" Centers for Medicare & Medicaid Services Office of Minority Health, Washington DC, 2019.
8. "19 Years of Rural Health Research: How the Rural & Minority Health Research Center is addressing disparities " National Rural Health Week, South Carolina DHEC, Columbia, SC, 2019.
9. "Spatial Access and Quality of Health Care." Research Seminar, Chinese Center for Disease Control and Prevention, Guangxi, China, 2018.

### Contributed Oral Presentations

10. Shih Y, **Hung P**. Association Between Patient-Provider Shared Decision-Making and use of Pain-Related Complementary and Integrative Health Modalities among Adults with Chronic Noncancer Pain, 2010-2017. Big Data Health Sciences Conference 2023, Columbia, SC. February 11, 2023.
11. **Hung P**, Liu, J, Liang C, Lyu T, Zhang J, Promiti AB, Shih Y, Campbell BA, Hikmet N, Olatosi B, Shi K, Li X. Social Determinants of Health and Severe Maternal Morbidity During the COVID-19 Pandemic in the US. Big Data Health Sciences Conference 2023, Columbia, SC. February 11, 2023.
12. **Hung P**, Granger M, Boghossian N, Liu, J, Harrison S, Yu J, Cai B, Li X. Geographic Variations in Spatial Access to Hospital Maternity Care and Digital Access to Technology in the United States. Big Data Health Sciences Conference 2023, Columbia, SC. February 10, 2023.
13. **Hung P**, Liu J. Rural Maternal Telehealth Use and Health Equity. National Rural Health Association Annual Meeting, San Diego, CA. 2023. *Upcoming*
14. **Hung P**, Probst JC, Gale J. Rural Inpatient Psychiatric Care: Availability & Quality Trends. National Rural Health Association Annual Meeting, San Diego, CA. 2023. *Upcoming*
15. Dunlap C, Zgodic A, Benavidez GB, **Hung P**, Zahnd WE, Eberth JM. Construction of a Cancer Burden Score for US Counties . *Annals of Epidemiology* Annual Meeting, Scottsdale, AZ. 2022.
16. Shih Y, **Hung P**, Ostermann J, Chen BK, Qiao S, Yeh CH. Trends in Complementary and Alternative Medicine (CAM) use among adults with chronic noncancer pain in the United States . The 150<sup>th</sup> APHA Annual Meeting. Boston, MA. 2022.
17. **Hung P**, Norregaard C, Yu J, Liu J, Cai B, Harrison S, Li X. Using electronic health record data to identify disparities in telehealth use for prenatal care before and during COVID-19 by maternal race/ethnicity and urban/rural residence. Big Data Health Science Center Pilot Project Showcase. Columbia, SC. 2022.
18. Liu J, Promiti AB, **Hung P**, Davis P, Zhang J, Leedom V, Li X. Postpartum care interruption during the COVID-19 Pandemic in South Carolina . The 150<sup>th</sup> APHA Annual Meeting. Boston, MA. 2022.
19. Lyu T, Liang C, Liu J, Campbell B, **Hung P**, Shih YW, Ghumman N, Li X. Temporal Events Detector for Pregnancy Care (TED-PC): A Rule-based Algorithm to Infer Gestational Age and

- Delivery Date from Electronic Health Records . AMIA Annual Symposium. Washington, DC. 2022.
20. Wu D, Ren Y, **Hung P**, Raynor P, Qiao S, Li X, Eichelberger KY, Zhang J, Guille C. Using Artificial Intelligence Methods to Identify Barriers and Facilitators for Perinatal Alcohol Health Services on Twitter. Annual HCI International Workshop on Human-Centered Artificial Intelligence (HCAI). 2022.
  21. **Hung P**, Eberth JM, Shih Y, Ranganathan R, Crouch EL, Probst JC. Rural-urban disparities in inpatient psychiatric care quality in the United States [Podium presentation]. AcademyHealth Annual Research Meeting, Washington, DC. 2022.
  22. **Hung P**, Liu J, Shih Y, Norregaard C, Zhang J, Liang C, Olatosi B, Campbell BA, Li X (June 5, 2022). The associations of racial residential segregation on racial/ethnic disparities in severe maternal morbidity and mortality before and during the COVID-19 pandemic [Podium presentation]. AcademyHealth Annual Research Meeting 2022: Washington, DC.
  23. Liu J, **Hung P**, Zhang J, Campbell B, Olatosi B, Shih Y, Liang C, Li X. Impacts of COVID-19 pandemic on racial/ethnic disparities in severe maternal morbidity: data from the South Carolina COVID Cohort [Podium presentation]. Society for Epidemiologic Research 2022 Annual Meeting, Chicago, Illinois.
  24. **Hung P**, Eberth JM, Shih Y, Perryman C, Crouch EL, Probst JC. Rural-urban disparities in inpatient psychiatric care quality in the United States. National Rural Health Association Annual Meeting, Albuquerque, NM. 2022.
  25. Liu J, **Hung P**, Zhang J, Campbell B, Olatosi B, Shih Y, Liang C, Li X. Impacts of COVID-19 pandemic on racial/ethnic disparities in severe maternal morbidity: data from the South Carolina COVID Cohort. Big Data Health Sciences Conference 2022, Columbia, SC 2022.
  26. **Hung P**, Norregaard C,\* Yu J, Liu J, Cai B, Harrison S, Li X. Temporal trends of telehealth use for prenatal care among Medicaid beneficiaries before and during COVID-19 by maternal race/ethnicity and urban/rural residence. Big Data Health Sciences Conference 2022, Columbia, SC 2022.
  27. Noochpoung R, Chen B, **Hung P**, Hair NL. Did the 2008 hardship allowance program reduce resignation rates among public healthcare providers in rural Thailand. The 149th APHA Annual Meeting. Denver, CO. 2021.
  28. Mi T, **Hung P**, Li X, Zhou J, & He J. Longitudinal analysis of COVID-19 pandemic and postpartum care: An electronic health record study. The 149th APHA Annual Meeting. Denver, CO. 2021.
  29. Mi T, **Hung P**. Technology Capacity and Prenatal Care during COVID-19 Pandemic: The Modifying Role of Social Support. AcademyHealth Annual Research Meeting. 2021.
  30. **Hung P**, Mi T, Chen E, Cullen J, Prasad S, Liu J. “Disparities in Provider Recommendations for Birth Plan Changes to Elective Deliveries during COVID-19” AcademyHealth Annual Research Meeting. 2021.
  31. **Hung P**, Zahnd WE, Brandt HM, Adams SA, Wang S, Eberth JM. “Cervical Cancer Treatment Initiation and Survival: the Role of Residential Proximity to Cancer Care” National Rural Health Association’s 44th Annual Conference. 2021.
  32. **Hung P**, Mi T, Chen E, Cullen J, Prasad S, Liu J. “Rural-urban differences in birth plan changes during COVID-19” National Rural Health Association’s 44th Annual Conference. 2021.
  33. **Hung P**, Zahnd WE, Eberth JM. “Cancer Care Delivery in Rural Safety Net Settings” National Rural Health Association Health Equity Conference. 2021.

34. **Li Z, Hung P, He R, Tu X, Li X, Xu C, Lu F, Zhang P, Zhang L.** “Disparities in End-of-Life Care by Health Insurance among Cancer Patients in China: A Population-Based, Retrospective Study.” ISPOR 2020.
35. **Hung P, Zahnd WE, Eberth JM.** “Rural Minority Disparities across the Life Span” National Rural Health Association Health Equity Conference. Virtual Meeting. 2020.
36. **Hung P, Crouch E, Probst, JC.** “Specialty Mental Health Services in rural America” National Rural Health Association Annual Meeting. Virtual Meeting. 2020.
37. **Ranganathan R, Hung P.** “Legislation by States and Its Impact on Factors for Divergence in HPV Vaccination Coverage” Intermountain West HPV Vaccine Coalition Teleconference. Webinar, Utah, 2019.
38. **Hung P.** “Facility Ownership and the Provision of Suicide Prevention Services across Outpatient Mental Health Care Settings” International Health Economics Association World Congress. Basel, Switzerland, 2019.
39. **Hung P.** “Community Mental Health Services Availability and Suicide Mortality in the US” Annual Conference of the American Society of Health Economists. Washington, DC, 2019.
40. **Hung P.** “Longer Hospice Duration and Medicare Expenditures by Clinical Condition.” Annual Conference of the American Society of Health Economists. Washington, DC, 2019.
41. **Hung P.** “The Association between Facility Ownership and the Provision of Suicide Prevention Services across Outpatient Mental Health Care Settings” AcademyHealth Annual Research Meeting. Washington, DC, 2019.
42. **Wang SY, Hung P.** “Effectiveness and Cost-Effectiveness of Breast-Conserving Surgery Alone Vs. No Immediate Surgery for Women with Ductal Carcinoma in Situ.” Society for Medical Decision Making Annual Meeting, Montreal, QC, 2018.
43. **Hung P.** “The association between changes in community mental health service availability and suicide mortality in the US” National Institute of Mental Health Conference, Rockville, MD, 2018.
44. **Hung P.** “Trends in Psychiatric Services Discontinuation in the United States and Suicide Mortality Rates, 2006-2015” AcademyHealth Annual Research Meeting, Seattle, WA, 2018.
45. **Hung P.** “Impacts of Hospital Obstetric Unit Closures on Access, Procedure, and Outcomes of Obstetric Care.” National Rural Health Association Annual Rural Health Conference. New Orleans, LA, 2018.
46. **Hung P.** “Impacts of Hospital Obstetric Unit Closures on Access, Procedure, and Outcomes of Obstetric Care” AcademyHealth Interest Groups Meeting, New Orleans, LA, 2017.
47. **Hung P.** “Obstetric Care and Hospital Closures in Rural Areas” National Rural Health Association Annual Rural Health Conference, San Diego, California, 2017.
48. **Hung P.** “Impacts of Hospital Obstetric Unit Closures on Access, Procedure, and Outcomes of Obstetric Care.” Minnesota Annual Health Services Research Conference. St. Paul, MN, 2017.
49. **Hung P.** “Factors Associated with the Loss of Hospital Obstetric Care in the US 2003-2013.” Minnesota Annual Health Services Research Conference. St. Paul, MN, 2017.
50. **Hung P.** “Disparities in Geographic Distribution of Hospital Obstetric Care.” Minnesota Annual Health Services Research Conference. St. Paul, MN 2017.
51. **Kozhimannil KB, Hung P.** “Location of Childbirth for Rural Women: Implications for Maternal Levels of Care.”\* National Rural Health Association Annual Conference. Minneapolis, MN, 2016.

52. **Hung P.** “Impacts of Medicare’s Value-Based Purchasing Program on Rural and Urban Hospitals.” National Rural Health Association Annual Conference. Minneapolis, MN, 2016.
53. Kozhimannil KB, **Hung P.** “Location of Childbirth for Rural Women: Implications for Maternal Levels of Care.”\* AcademyHealth Annual Research Meeting, Boston, MA, 2016.
54. **Hung P.** “Impacts of Medicare’s Value-Based Purchasing Program on Rural and Urban Hospitals.” Minnesota Annual Health Services Research Conference. St. Paul, MN, 2016.
55. Kozhimannil KB, **Hung P.** “The Relationship Between Hospital Birth Volume and Maternal Morbidity Among Low-Risk Pregnancies.” AcademyHealth Annual Research Meeting, Minneapolis, MN, 2015.
56. Kozhimannil KB, **Hung P.** “The Rural Obstetric Workforce in US Hospitals: Challenges and Opportunities.” AcademyHealth Annual Research Meeting, Minneapolis, MN, 2015.
57. **Hung P.** “Nurse Staffing Levels and Quality of Care in Rural Nursing Homes.” AcademyHealth Annual Research Meeting, Minneapolis, MN, 2015.
58. **Hung P.** “Why are Obstetric Units in Rural Hospitals Closing Their Doors?” National Rural Health Association Annual Rural Health Conference, Philadelphia, PA, 2015.
59. **Hung P.** “Effects of Obstetric Unit Closures on Distance to Maternity Care for Rural Women.” Minnesota Annual Health Services Research Conference, St. Paul, MN, 2015.
60. **Hung P.** “Why are Obstetric Units in Rural Hospitals Closing Their Doors?” Minnesota Annual Health Services Research Conference, St. Paul, MN, 2015.
61. Kozhimannil KB, **Hung P.** “Birth Volume and Obstetric Care Quality”\* National Rural Health Association Annual Meeting. Las Vegas, NV, 2014.
62. Kozhimannil KB, **Hung P.** “Rural-urban differences in obstetric care trends, 2002-2010, and implications for the future”\* American Public Health Association Annual Meeting. Boston, MA, 2013.
63. Kozhimannil KB, **Hung P.** “Policy Implications of Rural-Urban Differences in Obstetric Care Trends”\* AcademyHealth Annual Research Meeting, Baltimore, MD, 2013.
64. **Hung P.** “How Do Small Rural Hospitals Use Hospitalists?” AcademyHealth Annual Research Meeting, Baltimore, MD, 2013.
65. **Hung P.** “Nurse Staffing and Quality in Rural Nursing Homes.” National Rural Health Association Annual Rural Health Conference, Louisville, KY, 2013.
66. **Hung P.** “Identifying High Quality Rural Hospitals.” Minnesota Annual Health Services Research Conference. St. Paul, MN, 2012.
67. **Hung P.** “Substance Use and Child Health Outcomes among Mothers Experiencing Homelessness in an Atlanta Rehabilitation Center.” Southeast Pediatric Environmental Health Specialty Unit Conference, Atlanta, GA, 2011.
68. **Hung P.** “Associations between MOTEL Market Concentration and Abortion Rates among Teenagers.” National Science Council Taiwan Tech Trek Academic Conference, Taipei, Taiwan, 2009.
69. **Hung P.** “Effects of Bedside Video Conference System on Patient Care: Taking a Taiwanese Community Hospital as an Example.” Yu-Shan Association of Healthcare Executive Research Meeting, Taichung, Taiwan, 2005.

## Poster Presentations

70. Gass SJ, **Hung P**. Socio-Economic and Marital Status Differences in the Uptake of HIV Testing in Tanzania: Analysis of the 2016-2017 Tanzania HIV Impact Survey. [Poster] Big Data Health Sciences Conference 2023, Columbia, SC. 2023. **Best Poster Award**.
71. Syeda S, **Hung P**, Olatosi B. Trends in Prenatal Care Utilization Among Women with Childbirths in South Carolina During 2016-2020: A Retrospective Study. [Poster] Big Data Health Sciences Conference 2023, Columbia, SC. 2023.
72. Zhu X, Liu J, **Hung P**, Alerg AJ, Merchant A. Pandemic worries and stressors in relation to tobacco product use among postpartum women during the COVID-19 pandemic. [Poster] Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Chicago, Illinois, 2022.
73. **Hung P**, Harrison SE, Green K, Miller SJ, Paton M, Ahuja D, Weissman S, Rudisill AC, Evans T. Does travel time matter?: Transportation vulnerability and access to HIV care among people living with HIV in South Carolina. AIDS, Canada & virtually. 2022. *Invited for Exhibition*. **Best Abstract Award**.
74. Mi T, **Hung P**, Zhang J, Li X. The intersection of race/ethnicity and residence rurality in primary cesarean delivery and low birth weights among Medicaid-insured women in South Carolina. AcademyHealth Annual Research Meeting, Washington, DC. 2022.
75. Harrison SE, Miller SJ, Paton M, Green K, **Hung P**, Ahuja D, Weissman S, Rudisill AC, Evans T. Implementation of a ridesharing intervention to address transportation vulnerability for people living with HIV in the southern United States: qualitative findings on acceptability and feasibility. Montreal, Canada & virtually. 2022.
76. Perryman C, Ranganathan R, **Hung P**, Toussaint E, Crouch E, Probst JC, Eberth JM. Systematic Review on Rural-Urban Differences in Access to Mental Health Care Facilities in the United States. National Rural Health Association Annual Meeting, Albuquerque, NM, 2022.
77. Busman M, **Hung P**. "Primary Care Physicians' Perspectives on the Shortage of Primary Care in Rural Georgia" [Poster] National Conferences on Undergraduate Research (NCUR) Meeting, 2022.
78. Shih Y, **Hung P**. "Prevalence of High-Impact Chronic Pain among U.S. Adults by Malignancy" [Poster] National Rural Health Association's 44th Annual Conference, 2021.
79. Baucom AL, **Hung P**. "Differential Trends in Telehealth and Remote Patient Monitoring System Adoptions Among Rural and Urban Hospitals in the United States" [Poster] National Conferences on Undergraduate Research (NCUR) Meeting, 2021.
80. Shih Y, **Hung P**. "Prevalence of Chronic Pain and High-Impact Chronic Pain Among U.S. Adults Aged 18 and Above By Malignancy" [Poster] Discover USC Annual Meeting. Columbia, SC. 2021.
81. **Hung P**, Alberg AJ, Whitaker K, Hair NL, Simon J, Taylor S, Liu J. "Social Distancing Practices during COVID-19 Among Pregnant Women in the United States: The Roles of Maternal Race/Ethnicity and Household Income." [Poster] AcademyHealth Annual Research Meeting, 2021.
82. **Hung P**, Shi K, Probst JC, Zahnd WE, Zgodic A, Merrell MA, Crouch E, Eberth JM. "Trends in Cancer Treatment Service Availability across Critical Access Hospitals and Prospective Payment System Hospitals." [Poster] AcademyHealth Annual Research Meeting, 2021.
83. Ranganathan R\*, Swann A. Adams, Zahnd WE, **Hung P**, Eberth JM. "Disparities in Colorectal Cancer in South Carolina, 1996 – 2016" [Poster] American College of Epidemiology Annual Meeting, 2020.

84. **Hung P.** “Disparities in Access to Cancer Care Facilities and Colorectal Cancer Care Outcomes in South Carolina” [Poster] AcademyHealth Annual Research Meeting, 2020.
85. **Ranganathan R, Hung P.** "Legislation by states and its impact on divergence in HPV vaccination coverage: Analysis of the 2013-2017 National Immunization Survey - Teens." [Poster] AcademyHealth Annual Research Meeting, 2020.
86. **Cheng E, Hung P, Wang SY.** Geographic Variations of Potentially Curative Treatments for Hepatocellular Carcinoma in the United States: A SEER-Medicare Study. [Poster] National Comprehensive Cancer Network (NCCN) Annual Conference, 2020.
87. **Hung P, Zahnd WE, Brandt HM, Adams SA, Eberth JM.** “Cervical Cancer Survival and Time to Treatment Initiation: The Role of Residential Proximity to Cancer Care” [Poster] AcademyHealth Annual Research Meeting, 2020.
88. **Yelverton V, Hung P, Ostermann J.** “Non-Sexual Risk Behaviors Are Associated with Increased Odds of HIV Testing.” [Poster] ISPOR 2020.
89. **Shih Y, Hung P, Brown M, and Crouch E.** “Facility Ownership and the Provision of Suicide Prevention Services across Outpatient Mental Health Care Settings” [Poster] APHA 2019 Annual Meeting, Philadelphia, PA, 2019.
90. **Ranganathan R, Hung P.** "Legislation by states and its impact on divergence in HPV vaccination coverage: Analysis of the 2013-2017 National Immunization Survey - Teens." [Poster] American Association for Cancer Research. Atlanta, GA, 2019.
91. **Deng S, Hung P.** “Urban-rural disparities in access to cancer care specialists” [Poster] National Rural Health Association’s 42nd Annual Conference. Atlanta, GA, 2019.
92. **Hung P, Hsu SH, Wang S.** "Associations between Longer Hospice Duration and Medicare Expenditures Vary by Clinical Condition.” [Poster] AcademyHealth Annual Research Meeting. Washington, DC, 2019.
93. **Hung P, Kozhimannil KB, Casey MM, Mandic PK, Moscovice IS.** “Hospital Obstetric Unit Closures and Obstetric Care – Access, Procedure, and Outcomes.” [Poster] AcademyHealth Annual Research Meeting. Seattle, Washington, 2018.
94. **Hung P, Kozhimannil KB, Casey MM, Mandic PK, Moscovice IS.** “Disparities in Geographic Distribution of Hospital Obstetric Care.” [Poster] AcademyHealth Annual Research Meeting. New Orleans, LA, 2017.
95. **Hung P, Kozhimannil KB, Casey MM, Mandic PK, Moscovice IS.** “Factors Associated with the Loss of Hospital Obstetric Care in the US.” [Poster] AcademyHealth Annual Research Meeting. New Orleans, LA, 2017.
96. **Hung P, Casey MM, Moscovice IS.** “Impacts of Medicare’s Value-Based Purchasing Program on Rural and Urban Hospitals.” [Poster] AcademyHealth Annual Research Meeting, Boston, MA, 2016.
97. **Hung P, Kozhimannil KB, Casey MM, Moscovice IS.** “Why are Obstetric Units in Rural Hospitals Closing Their Doors?” [Poster] AcademyHealth Annual Research Meeting, Minneapolis, MN, 2015.
98. **Hung P** “Inequalities in the Effects of Health Information Exchange on Hospital Choice: Evidence from Pennsylvania.” [Poster] American Society of Health Economists Biennial Conference, Los Angeles, CA, 2014.
99. **Hung P, McCullough JS.** “How Does Exchanging Health Information Affect Hospital Market Shares?” [Poster] AcademyHealth Annual Research Meeting, San Diego, CA, 2014.

100. **Hung P**, Casey MM, Moscovice IS, Kane R. “Nurse Staffing and Quality in Rural Nursing Homes.” [Poster] AcademyHealth Annual Research Meeting, Baltimore, MD, 2013.
101. **Hung P**, Casey MM, Moscovice IS. “Approaches to Identifying High Quality Rural Hospitals.” [Poster] AcademyHealth Annual Research Meeting, Orlando, FL, 2012.
102. **Hung P**, Gaydos L, Becker E. “Effects of Electronic Health Record Adoptions on Risk-Adjusted Mortality Rates.” [Poster] American Public Health Association Annual Meeting, Washington, DC, 2011.
103. **Hung P**, Gaydos L, Becker E. Effects of Electronic Health Record Adoptions on Risk-Adjusted Mortality Rates. AcademyHealth Annual Research Meeting, Seattle, WA, 2011.

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## MEDIA COVERAGE

- Arielle Dreher. “[Hospital obstetrics on chopping block as facilities pare costs](#)” *Axios News*. January 17, 2023.
- Erin Bluvas. “[Rural areas come out on top for quality of inpatient psychiatric care.](#)” *The Association of Schools & Programs of Public Health News*. November 23, 2022.
- Emmy Ribero. “[USC School of Medicine works towards addressing disparities shown in SCDHEC health report](#)” *The Daily Gamecock*. November 16, 2022.
- Sara Health. “[How Neighborhood Segregation Fuels Maternal Health Disparities](#)” *Patient Engagement HIT*. October 24, 2022.
- Steven Ross Johnson. “[High Segregation Linked to Higher Risk of Serious Pregnancy Problems.](#)” *US News & World Report*. October 21, 2022.
- Erin Bluvas. “[Structural racism worsens maternal health disparities for some minority women during pandemic](#)” *The Association of Schools & Programs of Public Health News*. October 20, 2022
- Jayla Whitfield-Anderson. “[Childbearing women at risk as maternity care 'deserts' increase nationwide](#)” *Yahoo News*. October 19, 2022.
- Ali Rogin. “[Why the problem of maternity care deserts is getting worse?](#)” *PBS NewsHour*. October 15, 2022.
- Erin Bluvas. “[Does telehealth fail minority, rural pregnant women during the pandemic?](#)” *The Association of Schools & Programs of Public Health News*. October 5, 2022
- Zoë Rohrich. “[How the closing of small, rural hospitals is contributing to a bigger maternal health crisis.](#)” *NBC News Now*. October 11, 2022.
- Janie Haseman Jennifer Borresen Nada Hassanein Doug Caruso. “[Maternal Mortality Rates Are Higher for Rural Women of Color. Data, Charts, and Maps Show the Disparity.](#)” *USA Today*. August 11, 2022.
- Nada Hassanein. “[Indigenous People Are Promised Health Care. For Rural Moms, It's an Empty One.](#)” *USA Today*. August 11, 2022.
- Nada Hassanein. “[Inequities in Maternal Health Care Access Are Not New. They Have Deep Roots in History.](#)” *USA Today*. August 11, 2022.
- Nada Hassanein. “[In Rural America, Maternal Health Care Is Vanishing. These Moms Are Most at Risk.](#)” *USA Today*. August 11, 2022.

- Susan Ladika. “[Much of Rural America is a Healthcare Desert. Will the Dollar General Stores Be an Oasis?](#)” *Managed Healthcare Executive*. December 17, 2021.
- Charlotte Huff. “[How Low Can They Go? Rural Hospitals Weigh Keeping Obstetric Units When Births Decline](#)” *Kaiser Family Foundation*. November 12, 2021.
- Erin Bluvas. “[Study: Individuals with primary care physician continuity have better cancer survival](#)” *The Association of Schools & Programs of Public Health News*.
  - [University of South Carolina Arnold School of Public Health Weekly News](#). September 9, 2021
  - [Medical Press News](#). September 9, 2021
  - [Giachino Plastic Surgery News](#). September 20, 2021
  - [BioMedWire News](#). September 20, 2021
  - [Anthropogenic Pollutants News](#). September 9, 2021
- Erin Bluvas. “[Cancer treatment has improved but access to services remains unequal, study finds](#)” *The Association of Schools & Programs of Public Health News*.
  - [University of South Carolina Arnold School of Public Health Weekly News](#). September 22, 2021
  - [My Best Medicine News](#). September 23, 2021
- Ariane Lange. “[Rise in suicide rate outstrips treatment system](#)” *The Academic Times*. March 12, 2021.
- Erin Bluvas. “[Study Examines Cervical Cancer Treatment Initiation and Survival](#)” *The Association of Schools & Programs of Public Health News*. December, 11, 2020.
- Erin Bluvas. “[Disparities in End-of-life Care, Expenditures, and Place of Death by Health Insurance among Cancer Patients in China](#)” *The Association of Schools & Programs of Public Health News*. October, 30, 2020.
- Erin Bluvas. “[Assistant professor Hung P, Rural and Minority Health Research Center contribute to Rural Action Plan](#)” *The Association of Schools & Programs of Public Health News*. October, 23, 2020.
- Leila Barghouty. “[Rural Hospitals Are Closing, Leaving People Without Reproductive Health Care](#)” *The Bustle*. February 24, 2020.
- Erin Bluvas. “[Nearly twenty percent of rural Americans live more than 60 miles from cancer care providers, according to new research](#)” *The Association of Schools & Programs of Public Health News*. November, 11, 2019.
- Tarun Ramesh and Emily Gee/ “[Rural Hospital Closures Reduce Access to Emergency Care](#).” Center for American Progress. September 9, 2019.
- Gaby Galvin. “[Rural Mothers, Babies at Risk When Hospitals Cut Obstetric Services](#)” *U.S. News & World Report*. June 13, 2019.
- Erin Bluvas. “[South Carolina’s Hung P Joins NRHA’s 2019 Rural Health Fellows Program](#)” *The Association of Schools & Programs of Public Health News*. January, 17, 2019.
- Michaela Ramm. “[Mother, child and the state of maternal health care in Iowa](#)” *The Gazette*. October, 25, 2018.
- Anne Stych. “[U.S. birth rate continues to drop](#)” *The Business Journals*. October, 17, 2018.
- Gaby Galvin. “[As Fertility Rates Fall in U.S., Gap Widens Between Rural and Urban Counties](#)” *U.S. News*. October, 17, 2018.
- Michael Greenwood. “[Many Women in Low-Income Areas Have Poor Access to Obstetric and Neonatal Care, Study Finds](#)” *Yale News*. March, 16, 2018.

- KHN Morning Briefing. "[KCUR: As Rural Counties Lose Obstetrics, Women Give Birth Far from Home](#)" *Kaiser Family Foundation*. October 3, 2017.
- Sally Samaha. "[Obstetrics units inaccessible for many rural women, U study says.](#)" *The Minnesota Daily* September 17, 2017.
- Carolyn Y. Johnson. "[More than half of rural counties don't have a hospital where women can give birth.](#)" *The Washington Post*. September 5, 2017.
- Marcia Frellick. "[Obstetric Care Access Down 9% in US Rural Areas.](#)" *Medscape*. September 05, 2017.
- Don Jacobson. "[Mayo's Austin-Albert Lea Consolidation Reflects Rural Health Trends.](#)" *Twin Cities Business News*. August 30, 2017.
- Julius A. Karash. "[Rural Health Care Officials Push for Obstetric Care.](#)" *Hospitals & Health Networks*. July 18, 2017.
- Charlie Plain. "[Minnesota PhD Student Honored for Rural Health Research.](#)" *Association of Schools and Programs of Public Health News*. April 19, 2017.
- Mona Rath. "[Hung P Receives Rural Health and AcademyHealth Awards.](#)" *University of Minnesota School of Public Health*. April 19, 2017.
- Alexander, Roberta. "[Labor, Delivery Rooms Closing at Rural Hospitals.](#)" *Healthline News*. March 10, 2016.
- Haley, David and Tali, Warburg. "[More Rural Hospitals Closing their Obstetrics Wards, Study Finds.](#)" *Advisory Board*. March 4, 2016.
- Andrews, Michelle. "[More Rural Hospitals Are Closing Their Maternity Units.](#)" *National Public Radio*. February 24, 2016.
- Vrohidis, Alik. "[Research Snapshot: Why Are Obstetric Units in Rural Hospitals Closing Their Doors?](#)" *HealthTalk, University of Minnesota School of Public Health*. February 3, 2016.

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## TEACHING

### Courses Taught

Dept.	No.	Course Title	Term
HSPM	702	Maternal and Child Health Policy and Programs	Spring 2022
HSPM	719	Health Services Research Methods II (study design)	Spring 2019, Spring 2020, Fall 2021, Fall 2022
HSPM	800	Doctoral Seminar Section 4 – Research Strategy	Fall 2021, Fall 2022
HSPM	717	Health Services Research Methods I (econometrics)	Fall 2021
HSPM	412	Health Economics	Spring 2020
SCHC	497	Honors College Undergraduate Research	Fall 2019-Spring 2020
HSPM	899	Dissertation Preparation	Fall 2019 – Spring 2022
SCHC	499	Honors College Senior Thesis/Project	Spring 2019 - Spring 2022

**MENTORSHIP/ADVISING**

**Doctoral Students;** Committee chair for 4 students; committee member for 7 students  
**Master's Students:** Committee chair for 8 students; committee member for 4 students  
**Undergraduate Students (Honors thesis):** Principal Advisor for 12 students; committee member for 4 students

**Doctoral Students, Committee Chair**

1. Shanique Blackwell (PhD in Health Services Policy and Management, USC-Columbia)
  - Faculty mentor of Rural & Minority Health Research Center, September 2022-present
  - Dissertation Committee Co-Chair since November 2022
  - **Awarded SPARC Dissertation Grant in Spring 2023**
2. Chelsea Norregaard (PhD in Health Services Policy and Management, USC-Columbia)
  - Research advisee since 2021
  - Dissertation committee chair since 2022
  - **Awarded SPARC dissertation grant in 2022**
3. Shiba S. Bailey (PhD in Health Services Policy and Management, USC-Columbia)
  - Academic and Research advisee since 2020
  - Dissertation committee chair since 2022
4. Yi-wen Shih (PhD in Health Services Policy and Management, USC-Columbia)
  - Academic advisee since 2018
  - Dissertation committee chair since 2020
  - **Awarded SPARC Dissertation Grant in Spring 2020**
  - **Awarded International Graduate Student Award in Spring 2021**
  - **Awarded Outstanding International Graduate Student Award in 2022**

**Doctoral Students, Research Mentorship**

1. Marion Granger (PhD in Epidemiology, USC-Columbia)
  - Lab mentor of Behavioral-Biomedical Interface Program, September-November 2022; meet weekly
  - Marion is working on statistical programming and results dissemination of a manuscript on disparities in physical access and virtual access to digital technology and internet, anticipated to submit the manuscript in November 2022
  - Awards: Behavioral-Biomedical Interface Program trainee, 2022-2025.
2. Tianyue Mi (PhD in Health Promotion Education and Behavior, USC-Columbia)
  - Faculty mentor of Center for Healthcare Quality (CHQ) junior scholarship, 2020-2021 and 2021-2022; met weekly
  - Faculty mentor of Maternal and Child Health graduate scholarship, 2021-2022
  - Awards: **SPARC Dissertation Grant in Spring 2021; Center for Healthcare Quality (CHQ) junior scholarship in 2020 and 2021; Maternal and Child Health (MCH) graduate scholarship in 2021; Breakthrough Graduate Scholars in 2022; Alice S. Hersh Student Scholarship in 2022**
3. Zhong Li (PhD in School of Medicine and Health Management Tongji Medical College, Huazhong University of Science and Technology)

- Visiting scholar 2019-2020; met weekly
  - Now serve as an assistant professor at Nanjing Medical University, Nanjing, Guangxi, China
4. Nik Lampe (PhD in Sociology, Women's and Gender Studies Program, USC-Columbia)
    - Faculty mentor of Center for Healthcare Quality junior scholarship, 2020-2021
    - Assisted editing SPARC Dissertation Grant application
    - **Awarded SPARC Dissertation Grant in Spring 2020**
  5. Jessica Purser (PhD in Health Services Policy and Management, USC-Columbia)
    - Faculty mentor of Center for Healthcare Quality (CHQ) junior scholarship, 2019-2020
    - Jessica published a peer-reviewed article under my direct mentorship.
  6. En Cheng (PhD in Health Policy and Management, Yale School of Public Health; Graduate Assistantship in 2019-2020)
    - Graduate assistantship in 2019-2020
    - En led a peer-review publication.
  7. Khairul A. Siddiqi (PhD in Health Services Policy and Management, USC-Columbia)
    - Graduate assistantship in 2018-2020
    - **Awarded SPARC Dissertation Grant in Spring 2019**
    - Now Serve as an Assistant Research Scientist at the University of Florida.
  8. Abdullah Alharbi (PhD in Health Services Policy and Management, USC-Columbia)
    - Graduate assistantship in 2018-2019
    - Abdullah completed 1 presentation at Discover USC conference and 1 manuscript titled, "Variations in smoking cessation services provision across mental health facilities by insurance acceptance".
  9. Songyuan Deng (PhD in Health Services Policy and Management, USC-Columbia)
    - Graduate Assistantship in 2018-2019
    - Mentor at the Rural & Minority Health Research Center
    - Songyuan presented our work at the National Rural Health Association Annual Meeting.

### Doctoral Students, Committee Memberships

1. Prema S. Bhattacharjee (PhD in Epidemiology and Biostatistics, USC-Columbia; 2022-2023); Title: Understanding Stage and Survival Disparities among Young Adults diagnosed with Non-Hodgkin's Lymphoma (HL) residing in South Carolina.
2. Mark Gordon (PhD in Health Services Policy and Management, USC-Columbia; 2022-present); Title: Association between South Carolina's prescription drug monitoring program and doctor shopping.
3. Tianyue Mi (PhD in Health Promotion Education and Behavior, USC-Columbia; 2021-2022); Title: Impact of intersectional stigma on health outcomes among MSM living with HIV.
4. Avinash Sukhwal (PhD in Health Services Policy and Management, USC-Columbia; 2019-present); Title: Foster children with special healthcare needs versus non-foster with special healthcare needs and their utilizations and expenditures of Medicaid reimbursed primary care services

5. Mary Wilson (PhD in Health Services Policy and Management, USC-Columbia; 2020-2021); Title: Cost Effectiveness Analysis of the Nutritious Eating with Soul Study.
6. Rakchanok Noochpoung (PhD in Health Services Policy and Management, USC-Columbia; 2018-2019); Title: Effects of the Rural Hardship Allowance Payment Policy in Thailand on Rural Dental Workforce.
7. Monique Williams (PhD in Health Services Policy and Management, USC-Columbia; 2019-2020); Title: The Association of Preventive Dental Services and Birth Weight, Preterm Labor Outcomes.

### **Master's Students Advised**

1. Kelsey Underwood (Master of Health Administration Candidate, Class of 2023)
2. Sterling Windham (Master of Health Administration Candidate, Class of 2023)
3. Dylan Doceti (Master of Health Administration Candidate, Class of 2022); Title: Economic Evaluation of Health Information Systems
4. Radhika Ranganathan (Master of Sciences in Public Health Candidate, Class of 2022)
5. Landyn M Hartford (Master of Health Administration Candidate, Class of 2022); Title: Exploring *Accesshealth* Expansion Opportunities Through Research and Collaboration
6. Josh Page (Master of Health Administration Candidate, Class of 2021); Title: Assessments of inventory management and implementations of new processes: a case of linen distribution at the veterans administration
7. Tatum Metts (Master of Health Administration Candidate, Class of 2021); Title: Analysis and recommendations for Prisma Health – Midlands family medicine residency program
8. Lora Brooke Sanders (Master of Health Administration Candidate, Class of 2021); Title: Comprehensive review of Upstate Prisma Health team member care centers

### **Master's Students, Committee Membership**

1. Peyton Mosher (MS in Epidemiology, USC, April 2022-present; Thesis development)
2. Bhumika S Desai (MPH in Tufts University Behavioral Sciences and Health Communication in 2022; Mentor of Applied Learning Experience Practicum)
3. Qingying Luo (MS in Chronic Disease Epidemiology, Yale University; Graduated in Dec 2019); Title: End-Of-Life Care Intensity and Health Literacy among Medicare Beneficiaries in the U.S.
4. Shi K (MS in Chronic Disease Epidemiology, Yale University; Graduated in Dec 2019); Title: Urban-Rural Differences in Health Literacy and End-of-Life Expenditures.

### **Undergraduate Students Advised**

1. Anusha Ghosh (USC Honors College '23; BARSC-MD in USC School of Medicine); Title: Rural-urban and racial/ethnic disparities in the loss of hospital-based obstetric units in the United States.
2. Sophia Tavakol (USC Honors College '23, Public Health in University of South Carolina'23); Title: Rural-Urban and Racial/Ethnic Disparities in Perinatal Alcohol Health Services in the United States. **Awarded \$3,000 Magellan Scholarship**
3. Siyu Cai (Bachelor of Health Care and Management in Nanjing Medical University'22); Title: Participation of Health Management Services among Elderly in China.

4. Vivian Ho (Biological Science in USC Honors College '22; **Abstract accepted for a presentation at the Discovery USC.**) Title: Rural-urban differences in hospital patient satisfaction, 2015-2019.
5. Melinda Busman (Biological Science in USC Honors College '22; **Abstract accepted for a podium presentation at the National Conference on Undergraduate Research and Discovery USC; Awarded Honorable Mentioned in Discovery USC;** Title: Mixed-method study on barriers and facilitators for primary care professional shortages in Georgia
6. Ying Zhou (Bachelor of Health Care and Management in Nanjing Medical University'21); Title: Variations in Preventive Care Utilization by Social Capital. **Awarded Excellent Thesis Award.**
7. Anna Baucom (USC Honors College '21; BARSC-MD in USC School of Medicine; **Granted \$3,000 Magellan Scholarship and \$1,500 Exploration Scholars Research Program Award; Accepted presentation at the National Conference on Undergraduate Research)**
8. Joelle Lepp (Exercise Science in USC Honor College '21); Title: A visual presentation of Georgia's rural health crisis: Density of primary care physician workforce in urban and rural Georgia
9. Barbara Weeks (Bachelor of Arts in Public Health in USC'20; Job Search and Marketing)
10. Siqing Li (Bachelor of Health Service and Management in Nanjing Medical University'20); Title: Reducing rural disparities in maternal health: a review of the role provider-hospital consolidation plays
11. Camila Perez (BA in Public Health, Arnold School of Public Health, USC '19; Work Study); Title: Profiles of specialized mental health facilities and service lines

### **Undergraduate Students, Committee Membership**

1. Cassidy Lena (USC Honors College '23; BARSC-MD in USC School of Medicine); Title: Medicaid Policy Analysis on Rural and Urban Maternal and Child Health in South Carolina
2. Lauren Ervin (USC Honors College '22; Biological Science); Title: Systemic interventions among Asian American diabetes patients.
3. Ella Lanser (BS in USC Honor College, International Business and Economics Major'21); Title: An Analysis of How the Differences between Countries Relate to The Impact of Covid-19: The Cases of Vietnam, Sweden, and The United States.
4. Mackenzie Marzullo (BS in USC Honor College, International Business and Economics Major '21); Title: An Analysis of How the Differences between Countries Relate to The Impact of Covid-19: The Cases of Vietnam, Sweden, and The United States

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## **PROFESSIONAL SERVICE**

### **Federal Panel Service**

- Scientific Merit Review Board member, Health Care System Organization and Delivery, Health Services Research, Office of Research & Development, Veterans Health Administration Department of Veterans Affairs

2023

- Advisory Committee, Health Equity Advisory Committee for the Rural Maternity and Obstetrics Management Strategies (RMOMS) Program, HRSA, DHHS 2022-2026
- Rural Health Equity Delphi Panel, Health Equity Workgroup, Federal Office of Rural Health Policy (FORHP) and Office for the Advancement of Telehealth (OAT), the Health Resources and Services Administration of the United States Department of Health & Human Services 2022-present
- Co-Chair, CMS Alliance to Modernize Healthcare (Health FFRDC), Rural Obstetric Readiness Workgroup 2020
- Consultant, National Advisory Committee on Rural Health and Human Services 2020
- Panelist, National Advisory Committee on Rural Health and Human Services 2020
- Co-Chair, Centers for Medicare and Medicaid Alliance to Modernize Healthcare, Rural Obstetric Readiness Workgroup 2020

### Professional Organization Service

- Editorial Board, BMC Pregnancy and Childbirth 2023-present
- Mentor, National Rural Health Association Rural Health Fellow Program 2020
- Abstract Reviewer, AcademyHealth Annual Research Meeting – Women’s Health 2021,2022
- Scholarship Reviewer, HRSA Maternal and Child Health Graduate Scholarship Program 2020,2021
- Expert group of Medicaid postpartum coverage project, The Century Foundation 2020
- Consultant, National Maternal Mortality & Morbidity Prevention Campaign 2020,2021
- Advisor, Women’s Obstetrical Neonatal Death Evaluation & Reduction (WONDER) Project 2019,2020
- Scholarship Reviewer, 2020 Alice S. Hersh Student Scholarship, AcademyHealth ARM 2020
- Scholarship Reviewer, 2019 Alice S. Hersh Student Scholarship, National Health Policy Conference 2019

### Journal Reviewer Experience

- JAMA Network Open
- Social Science & Medicine
- Health Services Research
- BMC Health Services Research
- Value in Health
- Health Affairs
- Medical Care
- BMC Oral Health
- PLoS One
- Women’s Health Issues
- Women’s Health Reports
- Journal of Medical Internet Research
- BMC Pregnancy and Childbirth
- Annuals of Internal Medicine
- Annals of Epidemiology
- BMJ
- Forum for Health Economics & Policy
- International Journal of Environmental Research and Public Health
- American Journal of Managed Care
- The Journal of Health Disparities Research and Practice
- Journal of Rural Health
- Journal of General Internal Medicine
- Journal of Healthcare Quality
- American Journal of Perinatology

- Health Systems
- Information Systems Frontiers
- Healthcare
- INQUIRY

### **Institutional Services**

#### **University Service**

- Grant Reviewer, USC Vice President for Research ASPIRE Grant 2020
- University Faculty Senate 2019-2022

#### **Arnold School Service**

- Grant Reviewer, USC Big Data Health Sciences Center Pilot Project Program 2022
- Moderator, Big Data Health Sciences Conference – Electronic Health Records Session II 2021,2022
- Curriculum Committee, 2021 USC Maternal and Child Health Certificate Program 2021,2022
- Grant Reviewer, USC Center for Healthcare Quality (CHQ) Junior Scholarship Program 2020,2021
- Grant Reviewer, USC Maternal and Child Health Graduate Scholarship Program 2020,2021

#### **Departmental Service**

- HSPM Communications Committee 2022-present
- PhD Student Admission Committee 2019-present
- PhD Marketing Committee 2019-present
- MHA Curriculum Committee 2019-2022
- PhD Exam Committee 2018-present

### **Professional Memberships**

- SC Birth Outcomes Initiative Member 2018-present
- SC Cancer Alliance Member 2018-present
- International Health Economics Association Member 2018-2021
- American Society for Health Economics Member 2014-2020
- AcademyHealth Member 2011-present
- American Public Health Association Member 2011-2013
- National Rural Health Association Member 2011-present
- The Phi Tau Phi Scholastic Honor Society Member 2005-present