

Curriculum Vitae

Dahai Yue

Assistant Professor
Department of Health Policy and Management
School of Public Health
University of Maryland, College Park
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ACADEMIC APPOINTMENT

- 2020- Assistant Professor, Department of Health Policy and Management, School of Public Health, University of Maryland, College Park
- 2020- Faculty Associate, Maryland Population Research Center, University of Maryland, College Park
- 2020- Associate Director, Health Systems and Policy Research Lab, Department of Health Policy and Management, University of Maryland, College Park
- 2016-2020 Research Assistant, Center for Health Policy Research, University of California, Los Angeles

EDUCATION

- 2015-2020 Ph.D. in Health Policy and Management (Economics Cognate)
University of California, Los Angeles
- 2012-2015 M.S. in Health Economics,
Peking University, China
- 2007-2012 M.B.B.S in Preventive Medicine, *summa cum laude*
Shandong University, China

HONORS AND AWARDS

- 2022 Faculty-Student Research Award (University of Maryland)
- 2020 Delta Omega Honor Society in Public Health
- 2020 Dean's Outstanding Student Award. UCLA Fielding School of Public Health
- 2018 Travel grant for attending the Fifth Global Symposium of Health Systems Research, Liverpool, United Kingdom, by Health System Global
- 2017 Finalist at the Student Writing Competition for the Annual Breslow Distinguished Lecture at UCLA, Los Angeles, CA, USA

REFEREED JOURNAL ARTICLES

(^aalphabetical authorship, *student/trainee)

1. **Yue, D.**, Ettner, S.L., Needleman, J., Ponce NA. Selective Mortality and Nonresponse in the Health and Retirement Study: Implications for Health Services and Policy Research. Online First, Health Services and Outcomes Research Methodology. <https://doi.org/10.1007/s10742-022-00290-y>.
2. Lleras-Muney, A., Price, J., **Yue, D.**^a (2022). The association between educational attainment and longevity using individual-level data from the 1940 census. Journal of Health Economics, 81: 102649. doi.org/10.1016/j.jhealeco.2022.102649.
3. Sehgal, N., **Yue, D.**, Pope, E.,* Wang, R. H.*, Roby, D. H. (2022). The association between COVID-19 mortality and county-level partisan divide in the United States. Health Affairs, 41(6): 853-863.
4. **Yue, D.**, Pourat, N., Essien, E. A.*, Chen, X., Zhou, W., O'Masta B. (2022). Differential associations of homelessness with emergency department visits and hospitalizations by race, ethnicity, and gender. Health Services Research.1-14. doi: 10.1111/1475-6773.14009. (Health Equity special issue)
5. **Yue, D.**, Chen, X., Zhu, Y., Macinko, J., Meng, Q. (2022). Reductions in under-five mortality and public health improvements of the China Healthy Cities (Counties) initiative: a nationwide quasi-experimental study. BMJ Global Health, 7(3): e007154. doi: 10.1136/bmjgh-2021-007154.
6. Junxiong Ma, Shuduo Zhou, Na Li, Xuejie Dong, Mailikezhati Maimaitiming, **Dahai Yue**, Yinzi Jin, Zhi-Jie Zheng. (2022). Quality of healthcare and Admission Rates for Acute Cardiac Events during COVID-19 pandemic: a retrospective cohort study on ST-Segment-Elevation Myocardial Infarction in China. BMJ Open, 12(11): e059720.
7. Zhang, J., Fang, Y., Yao, Y., Zhao, Y., **Yue, D.**, Sung, M., Jin, Y., Zheng, Z-J. (2022). Disparities in cardiovascular disease prevalence among middle-aged and older adults: roles of socioeconomic position, social connection, and behavioral and physiological risk factors. Frontiers in Cardiovascular Medicine, 9:972683. doi.org/10.3389/fcvm.2022.972683.
8. Meng, Y., **Yue, D.**, Molitor, J., Chen, X., Su, J. G., Jerrett, M. (2022). Reductions in NO₂ and emergency room visits associated with California's goods movement policies: a quasi-experimental study. Environmental Research. (213): 113600. doi: 10.1016/j.envres.2022.113600. (Corresponding author).
9. Toussaint, E.*, Roby D., **Yue, D.**, Franzini, L., Sehgal, N. (2022). Estimating a model for mental healthcare utilization using subjective unmet need and psychological distress measures. The Journal of Behavioral Health Services & Research. 2022 May 9. doi: 10.1007/s11414-022-09797-1. Epub ahead of print. PMID: 35534693.
10. Martinez, G. S.*, White, K., **Yue, D.**, Roby, D. H., Franzini, L., Fryer, C. S. Sinai, N. (2022)

Relationships between enabling services use and access to care among adults with cardiometabolic risk factors: findings from the 2014 National Health Center Patient Survey. BMC Health Services Research, 22(1):334. doi: 10.1186/s12913-022-07739-3.

11. Yao, Y., Lv, X., Qiu, C., Wu, X., Zhang, H., **Yue, D.**, Anstey, K.J., Livingston, G., Xue, T., Zhang, J., Wang, H., Zeng, Y. (2022). The impact of China's Clean Air Act on cognitive function in older adults: a population-based, quasi-experimental study. The Lancet Healthy Longevity, 3(2): e98-e108. doi: 10.1016/S2666-7568(22)00004-6.
12. Chinchilla, M., **Yue, D.**, & Ponce, N. A. (2022). Housing insecurity among Latinxs. Journal of Immigration and Minority Health, 24(3):656-665. doi:10.1007/s10903-021-01258-9.
13. **Yue, D.**, Ponce, N. A., Needleman, J., & Ettner, S. L. (2021). The relationship between educational attainment and hospitalizations among middle-aged and older adults in the United States. SSM-Population Health, 15, 100918. doi: 10.1016/j.ssmph.2021.100918.
14. **Yue, D.**, & Ponce, N. A. (2021). Booms and busts in housing market and health outcomes for older Americans. Innovation in Aging, 5(2), igab012. doi:10.1093/geroni/igab012.
15. Zhou, S., Dong, X., Liu, F., Zhang, Y., **Yue, D.**, Zhou, Q., Jin, Y., & Zheng, Z. J. (2021). A stepped wedge cluster randomized control trial to evaluate the implementation and effectiveness of optimized initiatives in improving quality of care for ST segment elevation myocardial infarction in response to the COVID-19 outbreak. Implementation Science, 16(1), 38. doi:10.1186/s13012-021-01107-1.
16. Swayze, E. J., Nielsen-Saines, K., Segura, E. R., Saad, E., **Yue, D.**, Comulada, W. S., & Cambou, M. C. (2021). Failure to recognize low non-treponemal titer syphilis infections in pregnancy may lead to widespread under-treatment. International Journal of Infectious Diseases, 104, 27-33. doi:10.1016/j.ijid.2020.12.076.
17. **Yue, D.**, Zhu, Y., Rasmussen, P. W., Godwin, J., Ponce, N. A. (2020). Coverage, affordability, and care for low-income people with diabetes: 4 years after the Affordable Care Act's Medicaid expansions. Journal of General Internal Medicine, 35(7), 2222-2224. doi:10.1007/s11606-019-05614-2.
18. Su, J. G., Meng, Y. Y., Chen, X., Molitor, J., **Yue, D.**, & Jerrett, M. (2020). Predicting differential improvements in annual pollutant concentrations and exposures for regulatory policy assessment. Environment International, 143, 105942. doi:10.1016/j.envint.2020.105942.
19. Tao, W., Zeng, Z., Dang, H., Li, P., Chuong, L., **Yue, D.**, Wen, J., Zhao, R., Li, W., Kominski, G. (2020). Towards universal health coverage: achievements and challenges of 10 years of healthcare reform in China. BMJ Global Health, 5(3), e002087. doi:10.1136/bmjgh-2019-002087.

20. Tao, W., Zeng, Z., Dang, H., Lu, B., Chuong, L., **Yue, D.**, Wen, J., Zhao, R., Li, W., Kominski, G. F. (2020). Towards universal health coverage: lessons from 10 years of healthcare reform in China. BMJ Global Health, 5(3), e002086. doi:10.1136/bmjgh-2019-002086.
21. Yao, Y., Cao, K., Zhang, K., Zhu, T., **Yue, D.**, Zhang, H., Zhang, J., Jin, X., Zeng, Y. (2020). Residential proximity to major roadways and prevalent hypertension among older women and men: results from the Chinese Longitudinal Healthy Longevity Survey. Frontiers in Cardiovascular Medicine, 7, 587222. doi:10.3389/fcvm.2020.587222.
22. **Yue, D.**, Pourat, N., Chen, X., Lu, C., Zhou, W., Daniel, M., Hoang, H., Sripipatana A., Ponce, N. A. (2019). Enabling services improve access to care, preventive services, and satisfaction among health center patients. Health Affairs, 38(9), 1468-1474. doi:10.1377/hlthaff.2018.05228.
23. Liang, S., Macinko, J., **Yue, D.**, & Meng, Q. (2019). The impact of the health care workforce on under-five mortality in rural China. Human Resources for Health, 17(1), 21. doi:10.1186/s12960-019-0357-5.
24. **Yue, D.**, Rasmussen, P. W., & Ponce, N. A. (2018). Racial/ethnic differential effects of Medicaid expansion on health care access. Health Services Research, 53(5), 3640-3656. doi:10.1111/1475-6773.12834. Top 20 downloaded article in Health Services Research, 2017-2018.
25. **Yue, D.**, Ruan, S., Xu, J., Zhu, W., Zhang, L., Cheng, G., & Meng, Q. (2017). Impact of the China Healthy Cities initiative on urban environment. Journal of Urban Health, 94(2), 149-157. doi: 10.1007/s11524-016-0106-1.
26. Zhu, Y., **Yue, D.**, Yuan, B., Zhu, L., & Lu, M. (2017). Reproductive factors are associated with oesophageal cancer risk: results from a meta-analysis of observational studies. European Journal of Cancer Prevention, 26(1), 1-9. doi:10.1097/CEJ.0000000000000234.
27. Hou, Z., Jie, C., **Yue, D.**, Fang, H., Meng, Q., & Zhang, Y. (2014). Determinants of willingness to pay for self-paid vaccines in China. Vaccine, 32(35), 4471-4477. doi:10.1016/j.vaccine.2014.06.047.
28. Zhu, Y., Xu, Q., Lin, H., **Yue, D.**, Song, L., Wang, C., Tian, H., Wu, X., Xu, A., & Li, X. (2013). Spatiotemporal analysis of infant measles using population attributable risk in Shandong province, 1999-2008. PLoS One, 8(11), e79334. doi:10.1371/journal.pone.0079334.

GRANTS

Active

Title: Disparities in the Financial Burden of Healthcare in the United States from 2011 to 2021 (PI: Yue)

Sponsor: Faculty Student Research Award (University of Maryland)

Project Period: 07/2022 – 07/2023

Role: Principal Investigator

This study aims to investigate the trends in healthcare financial burden throughout the Affordable Care Act and the COVID-19 pandemic, with a particular focus on how it varies by different racial/ethnic groups, geographic areas, and those fall into the Medicaid coverage gap.

Completed

Title: Housing Price Dynamics and Health Outcomes in the United States (PI: Yue)

Sponsor: UCLA Ziman Center for Real Estate's Rosalinde and Arthur Gilbert Program in Real Estate, Finance, and Urban Economics

Project Period: 10/2018 – 9/2019

Role: Principal Investigator

This study was to examine the relationship between housing price dynamics and health outcomes, and how it differs among homeowners, mortgage owners, and renters.

Title: Preserving Health Coverage for Immigrants: Economic & Health Implications of Proposed Public Charge Rules on California and Local Jurisdictions (PI: Ponce)

Sponsor: California Health Care Foundation

Study Period: 08/15/2018 – 12/13/2018

Role: Co-Investigator

This study aimed to estimate the health and economic impact of the proposed change in the public charge rules that made it harder for immigrants on public assistance to obtain legal residency for California and its local jurisdictions

Title: Improvements in Air Quality and Health Outcomes among California Medicaid Enrollees Due to Goods Movement Action (PI: Meng)

Sponsor: Health Effect Institute (# 4950-RFA11-1/16-1-2)

Study Period: 11/1/2016-5/31/2021 (Phase II); 9/1/2012-12/31/2015 (Phase I)

Role: Co-Investigator

This project evaluated the effect of goods movement emission reduction actions on ambient air quality and subsequent improvements in health outcomes among California Medicaid fee-for-service (FFS) beneficiaries with chronic conditions living in 10 major California counties between 2003-2007 pre-policy and 2008-2012 post-policy years.

Title: Racial and Ethnic Disparities in Access To Primary Care after Medicaid Expansion (PI: Yue)

Sponsor: Graduate Summer Research Mentorship Program (UCLA)

Study Period: 03/2017 – 09/2017

Role: Principal investigator

This study was to evaluate the impacts of Medicaid expansions on racial and ethnic disparities in access to primary care by comparing changes in disparities for non-elderly adults in states with and without Affordable Care Act Medicaid expansions.

REPORTS AND BOOK CHAPTERS

1. Ying-Ying Meng, Jason G. Su, Xiao Chen, John Moliter, **Dahai Yue**, and Michael Jerrett. (2021). Improvements in Air Quality and Health Outcomes Among California Medicaid Enrollees Due to Goods Movement Actions. Research Report 205. Boston, MA: [Health Effects Institute](#).
2. Ninez Ponce, Thu Quach, Ignatius Bau, Dong Suh, Riti Shimkhada, **Dahai Yue**, Sherry Hirota. (2018). Immigrants, US Values, And the Golden State. [Health Affairs Blog](#).
3. **Dahai Yue**. (2018). Why Aren't Hispanics Signing Up to the U.S. Affordable Care Act? [Health Systems Global](#).
4. Qingyue Meng, Yinzi Jin, **Dahai Yue**, Li He. 2015. "People-Centered Health Care: A Case Study from Feixi County, Anhui Province" China Center for Health Development Studies, Peking University. Case study commissioned by the [World Bank](#), Washington, DC. The report contributes to the book: World Health Organization, 2019. Healthy China: Deepening Health Reform in China: Building High-Quality and Value-Based Service Delivery. World Bank Publications.
5. **Dahai Yue**. The Study of Medical Services and Medical Commodity Price Index System. Chapter of the book: Yu, Baorong, Zhiqiang Liang, Jing Gao, Xiaojuan Zhang, Lijuan Wang, **Dahai Yue**, and Xiaolu Li. (2012). An Empirical Study on Health Care Costing and Pricing System in China [M]. Jinan: [Shandong University Press](#). (In Chinese).

CONFERENCE PRESENTATIONS

Oral Presentation

1. **Dahai Yue**. "Health Advances and Public Health Improvements of China Healthy Cities (Counties) Initiative: A Nationwide Quasi-Experimental Study." International Health Economics Association 2021 Congress. July 12-14, 2021.
2. **Dahai Yue**. "Educational Attainment and Hospital Admissions: An Instrumental Variable Approach with Lasso Regression." International Health Economics Association 2021 Congress. July 12-14, 2021.
3. **Dahai Yue**, Nadereh Pourat, Xiao Chen, et al. "Identify homelessness based on machine learning algorithms using Administrative Data." AcademyHealth ARM 2020.
4. Nadereh Pourat, **Dahai Yue**, Xiao Chen, et al. "Progress of California's Effort to Improve Outcomes of Care for Homeless Medicaid Patients Under a Section 1115 Medicaid Waiver Program." AcademyHealth ARM 2020.
5. **Dahai Yue**. "Enabling Services Could Improve Access to Care, Preventive Services, and Satisfaction among Health Center Patients." APHA's 2019 Annual Meeting and Expo, Philadelphia, United States. November 02 – November 06, 2019.
6. **Dahai Yue**. "Racial/Ethnic Differential Effects of Medicaid Expansion on Health Care Access in the United States." Oral Presentation. The Fifth Global Symposium of Health Systems Research, Liverpool, United Kingdom. October 8 – October 12, 2018.
7. **Dahai Yue**, and Petra W. Rasmussen. "Which low-income group did the ACA leave behind?"

UCLA Center for Health Policy Research. May 23, 2018.

Poster Presentation

1. **Dahai Yue**, Susan Ettner, Jack Needleman, Adriana Lleras-Muney, Ninez Ponce. “New Evidence on Education and Hospitalizations: An Instrumental Variables Approach.” AcademyHealth 2021 Virtual Annual Research Meeting (ARM).
2. **Dahai Yue**, Elsie Essien, Xiao Chen, Brenna O'Masta, Weihao Zhou, Nadereh Pourat. “The Association Between Homelessness Status and Health Care Utilization by Racial/Ethnic and Gender Groups in California.” AcademyHealth 2021 Virtual Annual Research Meeting (ARM).
3. **Dahai Yue**, Nadereh Pourat, Xiao Chen, Connie Lu, Weihao Zhou, Marlon Daniel, Hank Hoang, Alek Sripipatana, Ninez A. Ponce. Enabling Services Could Improve Access to Care, Preventive Services, and Satisfaction among Health Center Patients. AcademyHealth, ARM, Washington D.C., USA. June 02 – 04, 2019.
4. **Dahai Yue**, and Ninez Ponce. “Effects of Medicaid Expansion on Patients with Diabetes.” Poster presentation. AcademyHealth ARM, Seattle, USA. June 24-26, 2018.
5. **Dahai Yue**, and Ninez Ponce. “Synthetic control methods for comparative case studies in health services research: revisiting Massachusetts’s health reform in 2006.” Poster presentation. AcademyHealth ARM, Seattle, USA. June 24-26, 2018.
6. **Dahai Yue**, and Ninez Ponce. “Racial and Ethnic Disparities in Access to Primary Care after Medicaid Expansion.” Poster presentation. AcademyHealth ARM, New Orleans, USA. June 24-27, 2017.
7. **Dahai Yue**, Haiyan Qu, Shiman Ruan, Jin Xu, Weiming Zhu, Luyu Zhang, Gang Cheng, and Qingyue Meng. “Evaluation of Urban Environment and Population Health Improvement for China Healthy Cities Movement through Mixed Methods.” Poster presentation. AcademyHealth ARM, Minneapolis, USA. June 12-14, 2015.
8. **Dahai Yue**, Qingyue Meng, Shiman Ruan, Jin Xu, Weiming Zhu, Gang Cheng, and Qingyue Meng. Health City Movement in China: A People-Centered Approach. Poster presentation. The Third Global Symposium of Health Systems Research, Cape Town, South Africa. September 30 – October 03, 2014.

TEACHING

UMD Department of Health Policy and Management
HLSA 775 Health Services and Policy Research Methods
Instructor: 2020 Fall, 2022 Spring, 2022 Fall

HLSA 776 Advanced Empirical Methods in Health Services Research
Instructor: 2023 Spring

HLSA721 Using Demographic Data for Health Policy Analysis
Instructor: 2023 Spring

HLSA 709 Graduate Seminar
Instructor: 2022 Spring, 2022 Fall

UCLA Department of Health Policy and Management
HPM237C Issues in Health Services Methodologies, Ph.D. core coursework
Teaching Assistant: 2017 Spring, 2018 Spring, 2019 Spring
Teaching Associate: 2020 Spring.

MENTORING

UMD Department of Health Policy and Management
Doctoral Student Advisor: Elsie Essien, Ren Hao Wang, Youngeun Lee, Phil Gordon, Charles Lu.
Dissertation Committee Member: Ebony Toussaint, G. Sofia Martinez, Daniel Joseph Marthey, Amber El-Amin, Elle Pope, Kouassi Albert Ahondion, Adam Eschenlauer, Kaitlynn Robinson-Ector
MPH Advisor: Kaija Wilson, Jamie Fleishman, Sara Hairgrove, Ahlam Majadly
MPH Thesis Review Member: Melanie Brown

PROFESSIONAL SERVICES

UMD Department of Health Policy and Management

2021- MPH Student Admission Committee
2021- PhD Student Admission Committee
2021-2022 Faculty Search Committee for three Assistant Professors

Ad Hoc Referee: Journal of Health Economics, European Journal of Health Economics, BMJ Global Health, Health Services Research, Medical Care, Social Science & Medicine, Value in Health, American Journal of Preventive Medicine, Annals of Internal Medicine, Diabetes Care, Health Systems & Reform, Vaccine, BMC Health Services Research, The American Journal of Geriatric Psychiatry, Journal of Pediatric Nursing, BMJ Family Medicine and Community Health.

Abstract Reviewer for Conferences: iHEA Scientific Committee Review Panel for the 2021 World Congress, AcademyHealth Annual Research Meeting (2018, 2021)

Member of Professional Associations: AcademyHealth, American Public Health Association, Health Systems Global, International Health Economics Association