

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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College Park, MD 20742
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ACADEMIC APPOINTMENT

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| 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 |
| 2016-2020 | Research Assistant, Center for Health Policy Research, University of California, Los Angeles |

EDUCATION

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| 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, <i>summa cum laude</i>
Shandong University, China |

HONORS AND AWARDS

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| 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)

Pourat, N., **Yue, D.**, Chen, X., Zhou, W., O'Masta B. (2023). Easy to Use and Validated Predictive Models to Identify Beneficiaries Experiencing Homelessness in Medicaid Administrative Data. Health Services Research. doi.org/10.1111/1475-6773.14143.

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.

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)

Yue, D., Ettner, SL., Needleman, J., Ponce NA. (2022). 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>.

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.

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).

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.

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.

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, 49: 500-512. doi:10.1007/s11414-022-09797-1

Martinez, G. S.* , White, K., **Yue, D.**, Roby, D. H., Franzini, L., Fryer, C. S. Sinaii, 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.

Ma, J., Zhou, S., Li, N., Dong, X., Maimaitiming, M., **Yue, D.**, Jin, Y., Zheng, Z. (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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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

1R21AG080416

03/01/2023-02/28/2025

Title: The Impact of Medicare on Individual Longevity: Evidence from Medicare Introduction Using Big Data

Sponsor: NIH-National Institute on Aging

Role: Principal Investigator

Pilot Grant (P30AG066582) at the Center to Accelerate Population Research in Alzheimer's, University of Michigan, Ann Arbor. 07/01/2023-06/30/2024
Title: The Effects of Education Quantity and Quality on the Risks of Alzheimer's Disease and Related Dementias Among U.S. Older Adults
Sponsor: NIH-National Institute on Aging
Role: Principal Investigator

Maryland Population Research Center Seed Grant 01/01/2023 - 12/31/2023
Title: Life Consequences of School Quality During Childhood and Adolescence
Sponsor: NIH-Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
Role: Principal Investigator

Faculty Student Research Award 07/01/2022 - 06/30/2023
Title: Disparities in the Financial Burden of Healthcare in the United States from 2011 to 2021
Sponsor: University of Maryland, College Park
Role: Principal Investigator

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

Meng, YY., Su, JG., Chen, X., Moliter, J., **Yue, D.**, Jerrett, M. (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](#).

Ponce, N., Quach, T., Bau, I., Suh, D., Shimkhada, R., **Yue, D.**, Hirota, S. (2018). Immigrants, US Values, And the Golden State. [Health Affairs Blog](#).

Yue, D. (2018). Why Aren't Hispanics Signing Up to the U.S. Affordable Care Act? [Health Systems Global](#).

Meng, Q., Jin, Y., **Yue, D.**, He, Li. 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.

Yue, D. The Study of Medical Services and Medical Commodity Price Index System. Chapter of the book: Yu, B., Liang, Z., Gao, J., Zhang, X., Wang, L., **Yue, D.**, Li, X. (2012). An Empirical Study on Health Care Costing and Pricing System in China [M]. Jinan: [Shandong University Press](#). (In Chinese).

CONFERENCE PRESENTATIONS

Oral Presentations

Yue, D. "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.

Yue, D. "Educational Attainment and Hospital Admissions: An Instrumental Variable Approach with Lasso Regression." International Health Economics Association 2021 Congress. July 12-14, 2021.

Yue, D., Pourat, N., Chen, X., O'Masta, B., Huynh, M., Xin, K. "Identify homelessness based on

machine learning algorithms using Administrative Data.” AcademyHealth ARM 2020.

Pourat, N., **Yue, D.**, Chen, X., O’Masta, B., Huynh, M., Chua, B. “Progress of California’s Effort to Improve Outcomes of Care for Homeless Medicaid Patients Under a Section 1115 Medicaid Waiver Program.” AcademyHealth ARM 2020.

Yue, D. “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.

Yue, D. “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.

Yue, D., Rasmussen, PW. “Which low-income group did the ACA leave behind.” UCLA Center for Health Policy Research. May 23, 2018.

Poster Presentations

Yue, D., Pourat, N., Essien, E., Chen, X., Zhou, W., O’Masta, B. Differential Associations of Homelessness with High-Cost Health Care Utilization of Racial/Ethnic and Gender Groups. 2022 AcademyHealth Annual Research Meeting. Washington D.C. USA. June 6, 2022.

Sehgal, N., **Yue, D.**, Pope E., Wang, R.H., Roby, D. The Association between COVID-19 Mortality and County-Level Partisan Divide in the United States. 2022 AcademyHealth Annual Research Meeting. Washington D.C. USA. June 5, 2022.

Yue, D., Ettner, S., Needleman, J., Lleras-Muney, A., Ponce, N. “New Evidence on Education and Hospitalizations: An Instrumental Variables Approach.” AcademyHealth 2021 Virtual Annual Research Meeting (ARM).

Yue, D., Essien, E., Chen, X., O’Masta, B., Zhou, W., Pourat, N. “The Association Between Homelessness Status and Health Care Utilization by Racial/Ethnic and Gender Groups in California.” AcademyHealth 2021 Virtual Annual Research Meeting (ARM).

Pourat, N., Huynh, M., Martinez, A., Chen, X., **Yue, D.** Assessment of the Value-Based Payment Methodology Under the California Section 1115 Medicaid Waiver Public Hospital Redesign and Incentives in Medi-Cal (PRIME) Program. AcademyHealth 2020 Virtual Annual Research Meeting (ARM).

Yue, D., Pourat, N., Chen, X., Lu, C., Zhou, W., Daniel, M., Hoang, H., Sripipatana, A., Ponce, N. 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.

Yue, D., and Ponce, N. “Effects of Medicaid Expansion on Patients with Diabetes.” Poster presentation. AcademyHealth ARM, Seattle, USA. June 24-26, 2018.

Yue, D., Ponce, N. “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.

Yue, D., Ponce, N. “Racial and Ethnic Disparities in Access to Primary Care after Medicaid Expansion.” Poster presentation. AcademyHealth ARM, New Orleans, USA. June 24-27,2017.

Yue, D., Meng, Q., Ruan, S., Xu, J., Zhu, W., Cheng, G., Meng, Q. 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

Primary Advisor: five Ph.D. students
Dissertation Committee Member: 12+ (five has graduated and four has defended proposal)
Primary Advisor for four MPH students
MPH Thesis Review Member for one MPH student (graduated)

PROFESSIONAL SERVICES

UMD Department of Health Policy and Management

2022- Chair, Programs, Curricula, & Courses (PCC) committee
2021- Member, MPH Student Admission Committee
2021- Member, PhD Student Admission Committee

2021-2022 Member, 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