

Mimi Shen

EDUCATION

Pardee RAND Graduate School Assistant Policy Researcher & PhD Candidate in Policy Analysis	Santa Monica, CA 2016 - present
Johns Hopkins Bloomberg School of Public Health Master of Science in Public Health in Health Policy	Baltimore, MD 2011-2013
Carleton College Bachelor of Arts in Economics	Northfield, MN 2006 - 2010

SKILLS

Statistical Packages: Stata, SPSS, SAS, limited R
Database: Oracle SQL
Reporting: Tableau
Machine Learning: Weka
MS Office Suite

U.S. Citizen

EXPERIENCE

Assistant Policy Researcher & Doctoral Fellow RAND Corporation	Santa Monica, CA 2016 –present
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- Conduct comprehensive review of policy, legislation, and literature on topics related to Medicaid, Medicare, Affordable Care Act, telehealth services, behavioral health care, and military health services
- Perform econometric analysis on multiple projects within RAND Health
- Draft sections of reports and memorandums for multiple projects within RAND Health and the National Security Research Division
- Conduct semi-structured interviews with health care industry leaders regarding health system integration
- Co-author systematic reviews on:
 - Effects of medication-assisted treatment of opioid-use disorders on functional outcomes of military personnel
 - Workforce outcomes for caregivers with chronic conditions
 - Effects of inter-professional education on the long-term performance of the students in the medical fields
 - Mental health care in the U.S. military (multiple reviews)

Statistical Outcomes Analyst Intermountain Healthcare (Institute for Healthcare Delivery Research)	Salt Lake City, UT 2014 - 2016
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- Used SQL and Stata to extract, clean, process, and analyze data from Intermountain's extensive electronic medical record system. Researched short-term and longitudinal impact of behavioral health (standalone and embedded within primary care) and substance abuse treatment on health outcomes and cost. Developed extensive queries for SQL and transparent, reproducible statistical programming code in Stata.
- Developed and refined quality measures for patient improvement, clinician performance, and rapid cycle monitoring. Created and maintained a real-time Tableau dashboard for use by clinical and operations staff
- Performed predictive analytics and assisted in development of machine learning algorithms for patient triage

- Designed, implemented, and evaluated components of front-end EMR user interface during multi-year transition to Cerner electronic medical record system; extensive experience with data mining from an enterprise data warehouse
- Present data and reports to operations and clinical staff across the Intermountain system and with community partners; maintain regular communication to discuss data and reporting needs
- Assisted senior health care leadership from national and international health systems (e.g., Providence Health and Services, Banner Health, Mayo Clinic, Ascension Health, Saskatchewan Ministry of Health, NHS England) on quality improvement projects through the Advanced Training Program for Healthcare Quality Improvement under Dr. Brent James

Research Consultant

The Lewin Group

Falls Church, VA

2012 - 2014

- Staffed on a wide range of state, federal, and private sector healthcare projects. Performed quantitative (statistical modeling, data preparation and analysis using SAS) and qualitative analyses (personal interviews, survey development, stakeholder engagement), drafted reports, and drafted proposals.
- Selected projects:
 - Developed a risk adjustment methodology for the Initial Core Set of Adult Health Care Quality Measures for Medicaid-Eligible Adults to more effectively compare health plan and provider performance, accounting for socioeconomic factors
 - Used the Lewin Group Health Benefits Simulation Model (HBSM) to forecast direct and secondary enrollment and economic impacts of Medicaid expansion for two state Medicaid agencies
 - Updated HBSM to reflect healthcare care reform inputs and assumptions
 - Assisted in analyses of cost trends using all-payers claims database data
 - Organized and led workgroups around quality improvement and delivery system reform for two State Health Care Innovation Plan initiatives
 - Performed long-term financial impact analyses for a state community hospital association (98 member hospitals); provided projection of effects of ACA-related Medicare rate cuts, sequestration, reallocation of DSH payments, and changes to uncompensated care
 - Served as lead research analyst and report author for a prominent state Medical Association to define a value-based organizational and funding structure for a physician-driven, value-based healthcare delivery model, with emphasis on population health management solutions
 - Led portions of analysis on a study of primary care workforce retention for the Assistant Secretary for Planning and Evaluation; assisted in development of a dynamic programming model to assess clinician decision-making
 - Performed market assessment and cost trend analysis for many cost containment initiatives for federal, state, and local agencies

Health Policy Analyst

Maryland Citizens' Health Initiative

Baltimore, MD

2011 - 2012

- Performed door-to-door outreach to provide information about health benefits, services, and enrollment materials to Baltimore City residents and small business owners
- Facilitated community outreach events at town hall-style meetings and other community gatherings
- Facilitated public meetings attended by policy experts and members of the state legislature
- Assisted in drafting policy recommendations to guide the Maryland Health Exchange Board

Research Assistant

University of Minnesota

Minneapolis, MN

2010 - 2011

- Laboratory research on immunologically mediated neuropathogenesis and neurodegenerative diseases of the central nervous system. Focus on host neuroimmune responses to herpes simplex virus (HSV) encephalitis infection and virus-mediated neuronal damage

PUBLICATIONS

- Uscher-Pines L, Bouskill K, Sousa J, Shen M, Fischer S. *Experiences of Medicaid Programs and Health Centers in Implementing Telehealth*. Santa Monica, CA: RAND Corporation, May 2019. <https://aspe.hhs.gov/pdf-report/experiences-medicaid-programs-and-health-centers-implementing-telehealth>
- Maglione M, Raaen L, Chen C, Azhar G, Shahidinia N, Shen M, Maksabedian E, Shanman R, Newberry S, Hempel S. *Effects of medication assisted treatment (MAT) for opioid use disorder on functional outcomes: A systematic review*. *Journal of Substance Abuse Treatment*, vol. 89, 2018, pp. 28 – 51.
- Dworsky, Michael, Carrie M. Farmer, and Mimi Shen. *Veterans' Health Insurance Coverage Under the Affordable Care Act and Implications of Repeal for the Department of Veterans Affairs*. Santa Monica, CA: RAND Corporation, August 2017. https://www.rand.org/pubs/research_reports/RR1955.html
- Kaiser Family Foundation and the Lewin Group Staff. *Coverage of Contraceptive Services: A Review of Health Insurance Plans in Five States*. Prepared for the Kaiser Family Foundation, April 2015. Available from: <http://kff.org/private-insurance/report/coverage-of-contraceptive-services-a-review-of-health-insurance-plans-in-five-states/>
- Kilroy C, Shen M, Tuft M & Wollmering. *Physician-Driven Payer Supported Value-Based Model*. Prepared for The California Medical Association, November 2013.
- The Lewin Group Staff. *California State Innovation Model Grant Initiative: Market Assessment*. Prepared for California Health and Human Services Agency, October 2013. Available from: http://www.chhs.ca.gov/PRI/CalSim_Market_Assessment_Final.pdf
- Cole M, Haught R, Shen M, Cardick L. *An Analysis of the Impact of Medicaid Expansion in Alaska*. Prepared for The Alaska Department of Health and Social Services, April 2013. Available from: http://dhss.alaska.gov/Documents/Lewin_Final_Report.pdf
- Cole M, Haught R, & Shen M. *An Evaluation of the Impact of Medicaid Expansion in New Hampshire*. Prepared for the State of New Hampshire, November 2012. Available from:
Phase I: <http://www.dhhs.nh.gov/ombp/documents/nhimpactofmedicaidexpansionv8550719.pdf>
Phase II: www.dhhs.nh.gov/ombp/documents/nhmedicaidexp-phase-IIrpt.pdf
Phase III: <http://governor.nh.gov/commissions-task-forces/medicaid-care/documents/mm-02-06-2014-lewin.pdf>