

# Ali Moghtaderi

## Contact Information

The George Washington University  
Milken Institute School of Public Health  
950 New Hampshire Ave NW  
Washington, DC 20052

Email: [moghtaderi@email.gwu.edu](mailto:moghtaderi@email.gwu.edu)  
Tel: 202-994-3573  
U.S. Naturalized Citizen

## Employment

**2019- :** George Washington University, Department of Health Policy and Management, Milken Institute School of Public Health, Assistant Professor (tenure-track)

**2016-2019:** George Washington University, Department of Clinical Research and Leadership, School of Medicine and Health Sciences, Assistant Research Professor

**2016-2019:** George Washington University, Department of Health Policy and Management, Milken Institute School of Public Health (secondary appointment), Assistant Research Professor

**2014-2016:** George Washington University, the Centre for Healthcare Innovation and Policy Research (CHIPR), School of Medicine and Health Sciences, Postdoctoral Fellow

**2014-2016:** Northwestern University, Kellogg School of Management, Visiting Postdoctoral Fellow

## Education

**Ph.D.** Economics, University of Wisconsin–Milwaukee, Milwaukee, WI, USA, 2014

**M.A.** Economics, University of Wisconsin–Milwaukee, Milwaukee, WI, USA, 2010

**M.B.A.** Mazandaran University of Science and Technology, Babol, Iran, 2008

**B.Sc.** Metallurgical Engineering, Sharif University of Technology, Tehran, Iran, 2005

## Interests

**Primary:** Health Economics, Public Health Policy

**Secondary:** Applied Microeconomics

## Peer-Reviewed Publications

1. Jonathan Oskevarek, Mark Zocchi, Bernard Black, Pablo Celedon, Andrew Leubitz, **Ali Moghtaderi**, Dhimitri Nikolla, Nishad Rahman, Jesse Pines, “Emergency Department Volume, and Crowding Since the Onset of the Coronavirus Disease 2019 Pandemic,” *Annals of Emergency Medicine*, Published online: August 30, 2023
2. **Ali Moghtaderi**, Mark Zocchi, Jesse Pines, Arvind Venkat, Bernard Black, “Estimating the Uncertain Effect of the COVID Pandemic on Drug Overdoses,” *PLOS ONE*, Published online: august 10<sup>th</sup>, 2023
3. Andy Yuan, Bernard Black, Timea Viragh, David Magid, Qian Luo, **Ali Moghtaderi**, “Effect of Financial Incentives on Hospital-Cardiologist Integration and Cardiac Test Location,” *Journal of Empirical Legal Studies*, Published online: July 1<sup>st</sup>, 2023
4. Vinay Kini, David Magid, Qian Luo, Fredrick Masoudi, Larry Allen, Bernard Black, **Ali Moghtaderi**, “Trends in Short-, Intermediate-, and Long-Term Mortality Following Hospitalization in Myocardial Infarction among Medicare Beneficiaries, 2008-2018,” *Journal of the American Heart Association*, Published online: June 22<sup>nd</sup>, 2023

5. Jesse Pines, Mark Zocchi, Bernard black, Brendan Carr, Pablo Celedon, Alexander Janke, **Ali Moghtaderi**, Jonathan Oskvarek, Arjun Venkatesh, Arvind Venkat, “The Cost Shifting Economics of U.S. Emergency Departments,” *the Annals of Emergency Medicine*, Published online June 15<sup>th</sup>, 2023
6. Michael Makutonin, **Ali Moghtaderi**, Sophia Newton, Yan Ma, Andrew Meltzer, “Biliary Colic in the emergency department: A state-wide analysis for one-year costs and clinical outcomes,” *Surgery open science* ;12:9-13
7. Kan Z. Gianattasio, Melinda Power, Dale Lupu, Christina Prather, **Ali Moghtaderi**, “Medicare hospice policy changes and beneficiaries’ rate of live discharge and length of stay” *Journal of Pain and Symptom Management*; 65(3):162-172
8. Michael Makutonin, Sophia Newton, Justin Tse, **Ali Moghtaderi**, Yan MA, Andrew Meltzer, “Patients with complicated gallstone disease in the emergency department: clinical impact and cost-effectiveness of emergency department disposition decision,” *The American College of Emergency Physicians Open*, 3(5):e12795
9. Kan Z. Gianattasio, **Ali Moghtaderi**, Dale Lupu, Christina Prather, Melinda Power, “Evaluation of Federal Policy Changes to the Hospice Benefit and Use of Hospice for Persons With ADRD,” *JAMA Health Forum*, Published Online: May 6, 2022
10. Timothy Callaghan, David Washburn, Kirby Goidel, Tasmiah Nuzhath, Abigail Spiegelman, Julia Scobee, **Ali Moghtaderi**, Matthew Motta, “Imperfect messengers? An analysis of vaccine confidence among primary care physicians,” *Vaccine*, Published Online: March 19th, 2022
11. **Ali Moghtaderi**, Avi Dor, “Immunization and Moral Hazard: The HPV Vaccine and Uptake of Cancer Screening,” *Medical Care Research and Review*, 2021; 78(2): 125-137
12. Rahi Abouk, Lorens Helmchen, **Ali Moghtaderi**, Jesse Pines, “The ACA Medicaid Expansions and Opioid Mortality: Is There a Link?” *Medical Care Research and Review*, 2021; 78(6): 713-724
13. Qian Luo, **Ali Moghtaderi**, Anne Markus, Avi Dor, “Financial Impact of Medicaid Expansion on Community Health Centers”, *Health Services Research*, Published Online: October 21th, 2021
14. Timothy Callaghan, **Ali Moghtaderi**, Jennifer Lueck, Peter Hotez, Uli Strych, Avi Dor, Erika Franklin Fowler, Matthew Motta, “Correlates and Disparities of COVID-19 Vaccine Hesitancy,” *Social Science and Medicine*, Published Online: January 4th, 2021
15. Jesse Pines, Mark Zocchi, Bernard S. Black, Justin Carlson, Pablo Celedon, **Ali Moghtaderi**, Arvind Venkat, “Characterizing Pediatric Emergency Department Visits during the COVID-19 Pandemic,” *The American Journal of Emergency Medicine*, 2021; 41:201-204
16. Jesse Pines, Mark Zocchi, Bernard S. Black, Pablo Celedon, **Ali Moghtaderi**, Arvind Venkat, “The Effect of the COVID-19 Pandemic on Emergency Department Visits for Serious Cardiovascular Conditions,” *The American Journal of Emergency Medicine*, 2021; 47: 42-51
17. Jesse Pines, Mark Zocchi, Bernard S. Black, Justin Carlson, Pablo Celedon, **Ali Moghtaderi**, Arvind Venkat, “How Emergency Department Visits for Substance Use Disorders Have Evolved During the COVID-19 Pandemic,” *Journal of Substance Abuse Treatment*,

Published Online: April 9th, 2021

18. Jesse Pines, Mark Zocchi, Bernard S. Black, Rebecca Kornas, Pablo Celedon, **Ali Moghtaderi**, Arvind Venkat, “How the COVID-19 Pandemic Has Adversely Affected the Economics of US Emergency Care,” *Annals of Emergency Medicine*, Published Online: April 27th, 2021
19. **Ali Moghtaderi**, Bernard Black, Mark Zocchi, Jesse Pines, “Three-Year Effect of Medicaid Expansion on Emergency Department Visits and Payer Mix,” *Annals of Emergency Medicine*, 2020; 77(1): 76-81
20. **Ali Moghtaderi**, Jesse Pines, Mark Zocchi, Bernard Black, “The Effect of Affordable Care Act Medicaid Expansion on Hospital Revenue,” *Health Economics*, 2020; 29(12): 1682-1704
21. **Ali Moghtaderi**, Bernard Black, Steven Farmer, “Damage Caps and Defensive Medicine: Reexamination with Patient Level Data,” *Journal of Empirical Legal Studies*, 2019; 16(1): 26-68
22. Fredrick Masoudi, Timea Viragh, David Magid, **Ali Moghtaderi**, Samantha Schilsky, William Sage, Glenn Goodrich, David Smith, Bernard Black, “Trends in Medicare Payment Rates for Noninvasive Cardiac Tests and Correlation with Testing Location,” *JAMA Internal Medicine*, 2019; 179(12):1699-1706
23. Vinay Kini, Timea Viragh, David Magid, Frederick Masoudi, **Ali Moghtaderi**, Bernard Black, “Trends in Overall and High- and Low-quality Use of Noninvasive Cardiac Testing among Medicare Beneficiaries,” *JAMA Network Open*, 2019; 2(10): e1913070
24. Steven Farmer, **Ali Moghtaderi**, Samantha Schilsky, David Magid, William Sage, Nori Allen, Fredrick Masoudi, Avi Dor, Bernard Black, “Association of Medical Liability Reform with Clinical Approach to Coronary Artery Disease Management,” *JAMA Cardiology*, 2018; 3(7): 609–618
25. Nima Jalali, Sukayna Alfaraji, Caitlin Carter, **Ali Moghtaderi**, Jesse Pines, “Trends and Predictors of Retweets in Free Open Access Meducation,” *Academic Emergency Medicine*, 2019; 26(4): 443-446
26. **Ali Moghtaderi**, “Child Abuse Scandal Publicity and Catholic School Enrollment: Does the Boston Globe Coverage Matter,” *Social Science Quarterly*, 2018; 99(1): 169–184
27. **Ali Moghtaderi**, Scott Adams, “The Role of Physician Recommendation and Public Policy in Human Papillomavirus Vaccination,” *Applied Health Economics and Health Policy*, 2016; 14: 349–359
28. Jesse Pines, Mark Zocchi, **Ali Moghtaderi**, Bernard Black, Steven Farmer, Greg Hufstetler, Kevin Klauer, Randy Pilgrim, “Medicaid Expansion in 2014 Did Not Increase Emergency Department Use, But Did Change Insurance Payer Mix,” *Health Affairs*, 2016; 35(8): 1480–1486
29. Steven Farmer, Joel Shalowitz, Meaghan George, Frank McStay, Kavita Patel, James Perrin, **Ali Moghtaderi**, Mark McClellan, “Calculating the Full Capitated Payment Breakeven Rate for a Mid-Sized Pediatric Practice,” *Pediatrics*, 2016; 138(2): 1–11

## **Working Papers**

1. Bernard Black, Vladimir Atanasov, Aharona Glatman-Freedman, Lital Keinan-Boker, Amnon Reichman, Lorenzo Franchi, John R. Meurer, Qian (Eric) Luo, David B. Thaw, and ***Ali Moghtaderi***, “The COVID-19 Vaccine Booster Rollout: Lives Saved in Israel vs the United States,” *Submitted to Health Affairs (revised and resubmitted)*
2. Dhimitri A Nikolla, Jonathan J Oskvarek, Mark Zocchi, Nishad Rahman, Andrew Leubitz, ***Ali Moghtaderi***, Bernard Black, Jesse Pines, “Definition Matter When Determining Non-Incidental COVID-19 Hospitalization,” *Submitted to PLOS ONE (under review)*
3. Michael Makutonin, Justin Dare, Sophia Newton, ***Ali Moghtaderi***, Yan Ma, Andrew Meltzer, “Operative versus Non-Operative Management of Uncomplicated Acute Appendicitis: A One –Year Statewide Analysis of Costs and ED Revisits,” *Submitted to JAMA Surgery (under review)*
4. Melinda Power, Victoria Willens, Christina Prather, ***Ali Moghtaderi***, Kan Gianattasio, Francine Grodestein, Raj Shah, Bryan James, “Understanding of Dementia”
5. Qian Luo, ***Ali Moghtaderi***, David Magid, Fredrick Masoudi, Vinay Kini, Bernard Black, “Vertical Integration between Physicians and Hospitals: Measurement and an Application to Cardiology”
6. ***Ali Moghtaderi***, Timea Viragh, Paula Natalia Barreto Parra, and Bernard Black, “Individual Healthcare Provider Database, 1999-2020”
7. Chelsea Richwine, Avi Dor, ***Ali Moghtaderi***, “Do Stricter Immunization Laws Improve Coverage? Evidence from the Repeal of Non-Medical Exemptions for School Mandates,” NBER Working Paper 2584

## **Work in Progress**

1. ***Ali Moghtaderi***, Qian Luo, Timea Viragh, Bernard Black, “The Effect of Damage Caps on Physician Location Decisions: Evidence using Physician-Level Data”

## **Non-Peer Reviewed Publications**

1. Jesse Pines, Bernard Black, Pablo Celedon, Ali Moghtaderi, Mark Zocchi, Arvind Venkat, “How A Fire Department Funding Model Could Preserve Rural Emergency Departments and Quality Emergency Care,” 2021, Health Affairs Blog
2. Avi Dor, Qian Luo, Ali Moghtaderi, Anne Markus, “Projected Financial Losses Experienced by Community Health Centers Under a Scenario of Major Cuts in Key Sources of Federal Funding: 2018–2022,” 2017, Geiger Gibson/RCHN Community Health Foundation Research Collaborative Research Brief No. 47

## **Ongoing Research Grants**

***Principal Investigator***, 07/20–04/25, R01 (1R01HL153154-01)

National Heart, Lung, and Blood Institute

Effect of Hospital-Cardiologist Integration on Clinical Practice, Healthcare Quality, and Medicare Spending

***Co-Investigator***, 02/22–02/27, R01 (1R01AG072559-01A1)

National Institute of Aging  
PI: Melinda Power and Bryan James  
Predictors and Consequences of the Timing and Accuracy of Clinical Dementia Diagnosis

## **Research Grants Pending Review**

### ***Co-Investigator***

National Heart, Lung, and Blood Institute  
PI: Vinay Kini  
Measurement and Reduction of Low-Value Cardiovascular Care

## **Past Research Grants**

### ***Principal Investigator***, 09/2022-08/2023 (01RIA042022)

GW School of Public Health Innovation Award  
COVID-19 Pandemic and Childhood Immunization: Direct and Spillover Effect

### ***Co-Principal Investigator (with Bernard Black)***, 01/17–07/19, R01 (5R01HL113550)

National Heart, Lung, and Blood Institute  
Took over PI responsibility from Steven Farmer in January 2017  
Joint Effect of Malpractice Risk and Financial Incentives on Cardiac Testing

### ***Co-Principal Investigator (with Avi Dor)***, 10/17–09/19, Policies for Action (74923)

Robert Wood Johnson Foundation  
Impact of State Vaccine Mandates and Exemptions on Childhood Immunization Coverage

### ***Co-Principal Investigator (with Avi Dor)***, 09/18–09/19

George Washington Katzen Cancer Research Center  
Impact of Policy Interventions on HPV Vaccination and Incidence of Cervical Cancer

### ***Co-Investigator***, 7/19-06/21, R03 (1R03AG061499)

National Institute on Aging  
PI: Melinda Power  
Evaluating Impact of Recent Federal Policy Changes on Hospice Utilization among Patients with Alzheimer's disease and Related Dementias

### ***Principal Investigator***, 4/19-3/20

Harvey L. Neiman Health Policy Institute  
Health Information Exchanges and the Prevalence of Repeated Imaging Studies

## **Presentations**

**2023:** American Society of Health Economist Annual Meeting

**2022:** Association for Public Policy Analysis and Management Fall Research Meeting

**2020:** Academy Health Annual Research Meeting

**2019:** Conference of Empirical Legal Studies, Association for Public Policy Analysis and Management Fall Research Meeting, American Society of Health Economists Annual Meeting

**2018:** George Mason University Law and Economics Symposium: The Affordable Care Act and the Future of Health Care Reform, Southern Economic Association Annual Meeting, Conference

of Empirical Legal Studies, American Society of Health Economists Biannual Meeting, American Law and Economics Annual Meeting

**2017:** Midwest Law and Economics Association Annual Meeting, Annual Conference of Empirical Legal Studies

**2016:** Annual Conference on Empirical Legal Studies, Southern Economic Association Annual Meeting, American Society of Health Economists Biannual Meeting, American Law and Economics Annual Meeting, Eastern Economic Association Annual Meeting

**2015:** George Washington University, OCPI Work in Progress; George Washington University, Bridging the Divide: Research Methods Training: Focus on Reproductive Health

**2014:** Southern Economic Association Annual Meeting, Midwest Economic Association Annual Meeting

### **Invited Talks**

**Bureau of Labor Statistics**, Economics of Vaccine for COVID-19, 2020

### **Graduate Advising**

**Qian Luo** (Ph.D. Committee Member), **Chelsea Richwine** (Ph.D. Committee Member), **Kan Gianattasio** (Ph.D. Committee Member), **Roberto Delhy** (Ph.D. Committee Member), **Kimberly DiGioia** (PhD Committee Member), **Kun Li** (PhD Committee Member)

### **Teaching Experience**

**Instructor**, Department of Health Policy and Management, George Washington University, Washington, DC, USA

- **PUBH 6352.10**: Basics of Economics for Health Policy, Fall 2019, Fall 2020, Fall 2021, Fall 2022, Fall 2023
- **PUBH 6340.10**: Health Economic and Financing, Spring 2017, Fall 2017, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023
- **PUBH 6399.10**: Cost-Benefit Analysis in Health Care, Spring 2017, Spring 2018, Spring 2019, Spring 2020, Spring 2022

**Co-Instructor**, Department of Clinical Research and Leadership, George Washington University, Washington, DC, USA

- **HSCI 6265**: Grantsmanship in Translational Health Science, Spring 2018

**Instructor**, Department of Economics, University of Wisconsin–Milwaukee, Milwaukee, WI, USA

- **Economics 100**: Introductory Economics, Fall 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012, and Spring 2013
- **Economics 301**: Intermediate Microeconomics, Spring 2012
- **Economics 103**: Principle of Microeconomics, Summer 2010

## **Honors and Awards**

*Richard Perlman Prize in Labor Economics, 2014*

## **Refereeing**

*Papers: Journal of Health Economics, Journal of Economic Behavior and Organization, Economics and Human Biology, Health Affairs, JAMA Open Network, JAMA Health Forum, Journal of Land Economics, Health Education and Behavior, Eastern Economic Journal, Health Security, Social Science and Medicine-Population Health, International Journal of Public Health, Journal of Health Care for the Poor and Underserved, Medical Care Research and Review, Annals of Internal Medicine, Vaccine*

*Grants: National Institute of Health Organization and Delivery of Health Services (ODHS) study section, National Institute of Health Topics in Health Services and Clinical Informatics Research Special Emphasis study section*

## **Professional Experience**

*Project manager, 2 Feasibility and Business Development Projects, Tarh-e-Now Andishan Consulting Company (TNA), Tehran, Iran, 2007–2009*

*Project team member, 2 Strategic Planning Projects, Tarh-e-Now Andishan Consulting Company (TNA), Tehran, Iran, 2007–2009*