

ALI JALALI

425 East 61st Street, Suite 301 ◊ New York, NY 10065
alj4004@med.cornell.edu ◊ 562-335-2283 ◊ www.alijalali.net

SUMMARY STATEMENT

Early-career and NIH-funded health economist with expertise in research designs and applied econometric methods for comparative effectiveness and pharmacoeconomic evaluations of health interventions conducted alongside clinical trials and observational cohort studies.

ACADEMIC EMPLOYMENT & AFFILIATIONS

Assistant Professor

Department of Population Health Sciences 2021 - Present
Joan & Sanford I. Weill Medical College
Cornell University

IMPROVE Maternal Health Research Centers of Excellence Affiliate

NY Community-Hospital-Academic Maternal Health Equity Partnerships 2024 - Present
Columbia University and Weill Cornell Medicine

Research Affiliate

Consult for Addiction Treatment and Care in Hospitals Program (CATCH) 2022 - Present
New York University Grossman School of Medicine

Research Affiliate

Center for Health Economics of Treatment Interventions– 2019 - Present
for Substance Use Disorder, HCV, and HIV (CHERISH)

Postdoctoral Associate

Department of Healthcare Policy & Research (now Population Health Sciences) 2019 - 2021
Weill Cornell Medical College, Cornell University

Research Affiliate

Health Services Research & Development Service 2018 - 2019
United States Department of Veterans Affairs

EDUCATION

PhD in Economics 2019
University of Utah, Salt Lake City, UT

MA in Economics 2014
California State University, Los Angeles, CA

BA in Philosophy & Economics, *Magna Cum Laude* 2012
California State University, Los Angeles, CA

PUBLICATIONS & MANUSCRIPTS UNDER REVIEW

1. Xiao Z, Skinner A, Li Z, Shaw LC, Behrends CN, Chatterjee A, **Jalali A**, Jordan AE, Morgan JR, Nolen S, Schackman BR, Marshall BDL, Walley AY. 2024. “Improving racial/ethnic health equity and naloxone access among people at risk for opioid overdose: A simulation modeling analysis of community-based naloxone distribution strategies in Massachusetts.” (**Under Review**)
2. **Jalali A**. 2024. “Informing evidence-based medicine for opioid use disorder using pharmacoeconomic studies.” (**Revise and Resubmit**)

3. Lu T, Cadet T, Ryan D, Chawarski MC, Coupet E, Edelman JE, Hawk KF, **Jalali A**, O'Connor PG, Owens PH, Martel SH, Fiellin DA, D'Onofrio G, Murphy SM. 2024. "Cost-effectiveness of implementation facilitation to promote emergency initiated buprenorphine for opioid use disorder." (**Under Review**)
4. Krawczyk N, Lim S, Cherian T, Goldfeld K, Katyal M, Rivera B, McDonald R, Khan M, Wiewel E, Braunstein S, Murphy SM, **Jalali A**, Jeng PJ, Kutscher E, Khatri U, Rosner Z, Vail W, MacDonald R, Lee J. "Transitions of care between jail-based medications for opioid use disorder and ongoing treatment in the community: A retrospective cohort study." (**Under Review**)
5. Winhusen, TJ, Kropp, F, Greenfield, SF, Krans, EE, Lewis, D, Martin, PR, Gordon, AJ, Davies, TH, Wachman, EM, Douaihy, A, Parker, K, Xin, X, **Jalali, A**, Lofwall, MR. "Trauma prevalence and its association with health-related quality of life in pregnant persons with opioid use disorder." (**Under Review**)
6. Reback, CJ, Landovitz, RJ, Benkeser, D, **Jalali, A**, Shoptaw, S, Li MJ, Mata, RP, Ryan D, Jeng, PJ, Murphy, SM. "Protocol for a randomized controlled trial with a stepped care approach, utilizing PrEP navigation with and without contingency management, for transgender women and sexual minority men with a substance use disorder: Assistance Services Knowledge-PrEP (A.S.K.-PrEP)." (**Under Review**)
7. **Jalali A**, Jeng PJ, Green TC, Morgan JR, Pacula RL, Behrandz CN, Walley AY, Schackman BR, Marshall BDL, Myrphy SM. "Naloxone Access and out-of-pocket pricing in US retail pharmacies amidst the opioid crisis, 2010-2018." (**Under Review**)
8. Cadet T, Elkington K, Ryan M, **Jalali A**, Wasserman G, Taxman F, Dennis M, Murphy SM. "The cost of implementing and sustaining an evidence-based, behavioral-health electronic screening system in probation departments." (**Under Review**)
9. Black GG, Kochheiser M, Chen U, Wright MA, **Jalali A**, Otterburn DM. "Covering your back and your wallet: Prophylactic muscle flap coverage after spinal fusion improves outcomes and reduces healthcare costs." (**Revise and Resubmit**)—(Senior Methods Author)
10. Freibott CE, **Jalali A**, Murphy SM, Walley AJ, Linas BP, Jeng PJ, Bratberg J, Marshall BDL, Zang X, Green TC, Morgan JR. 2024. "The association between naloxone claims and proportion of independent vs. chain pharmacies: A longitudinal analysis of naloxone claims in the US." *Journal of the American Pharmacists Association*. (**In-Press**)
11. Cherian T, Lim S, Katyal M, Goldfeld K, McDonald R, Wiewal E, Khan M, Krawczyk N, Braunstein S, Murphy SM, **Jalali A**, Jeng PJ, Rosner Z, MacDonald R, Lee J. 2024. "Impact of jail-based methadone or buprenorphine treatment on non-fatal opioid overdose after incarceration." *Drug and Alcohol Dependence*. (**In-Press**)
12. Lim S, Cherian T, Katyal M, Goldfeld K, McDonald R, Wiewal E, Khan M, Krawczyk N, Braunstein S, Murphy SM, **Jalali A**, Jeng PJ, Rosner Z, MacDonald R, Lee J. 2024. "Jail-based medication for opioid use disorder and patterns of community re-entry after release: A sequence analysis." *Journal of Substance Use and Addiction Treatment*. 158:209254.
13. Yun H, Kim J, Gandhe A, Nelson B, Hu JC, Gulani V, Margolis D, Schackman BR, **Jalali A**. 2023. "Cost-effectiveness of annual prostate MRI and potential MRI-guided biopsy after prostate-specific antigen test results." *JAMA Network Open*. 6(11): e2344856.—(Senior Author)
14. Nolen S, Trinidad AJ, Jordan AE, Green TC, **Jalali A**, Murphy SM, Schackman BR, Marshall BD. "Racial and ethnic differences in receipt of naloxone distributed by opioid overdose prevention programs in New York City." *Harm Reduction Journal*. 20(1):152.
15. Jin, H, **Jalali A**, Wijnen, B, Bao, Y. 2023. "Editorial: Economic evaluation of mental health interventions." *Frontiers in Psychiatry*. 14:1294245.

16. Chatterjee A, Yan S, Lambert A, Morgan JR, Green TC, Jeng PJ, **Jalali A**, Xuan Z, Krieger M, Marshall BD, Walley AY, Murphy SM. 2023. "Comparison of a national commercial pharmacy naloxone data source to State and City pharmacy naloxone data sources—Rhode Island, Massachusetts, and New York City, 2013-2019." *Health Services Research*. 58(5):1141-1150
17. Gopaldez M, Wenzel K, Campbell A, **Jalali A**, Fishman M, Murphy SM, Rotrosen J, Nunez EV. 2023. "Impact of medication-based treatment on healthcare utilization among individuals with opioid use disorder: A secondary analysis." *Psychiatric Services*. Jun 20:appips20220549
18. Cadet T, **Jalali A**, Jeng PJ, Poole S, Woody GE, Murphy, SM. 2023. "Determinants of health-related quality of life among individuals with opioid use disorder, recently released from incarceration." *Addiction Science & Clinical Practice*. 18, 34.
19. Lim SW, Cherian T, Katyal M, Goldfeld K, McDonald R, Wiewel E, Khan M, Krawczyk N, Braunstein S, Murphy SM, **Jalali A**, Jeng PJ, MacDonald R, Lee JD. 2023. "Association between jail-based methadone or buprenorphine treatment for opioid use disorder overdose mortality after release from New York City jails 2011-2017." *Addiction*. 118(3): 459–467
20. Springer, SA, . . . , ACTION Cooperative Group. "Study protocol of a randomized controlled trial comparing two linkage models for HIV prevention and treatment in justice-involved persons." *BMC Infectious Diseases*. 22(1):1-16.
21. **Jalali A**, McPherson SM, Tamimi R, Murphy SM. 2022. "Econometric issues in prospective economic evaluations alongside clinical trials: Combining the nonparametric bootstrap with methods that address missing data." *Epidemiological Reviews*. 4(1):67-77.
22. **Jalali A**, Jeng PJ, Polsky D, Pool S, Ku YC, Woody GE, Murphy SM. 2022. "Cost-effectiveness of extended-release injectable naltrexone among incarcerated persons with opioid use disorder before release from prison versus after release." *Journal of Substance Abuse Treatment*. 141:108835
23. Morgan J, Freibott CE, **Jalali A**, Jeng PJ, Walley AY, Chatterjee A, Green TC, Nolan ML, Linas BP, Marshall BDL, Murphy SM. 2022. "The role of increasing pharmacy and community distributed naloxone in the opioid overdose epidemic in Massachusetts, Rhode Island, and New York City." *Drug and Alcohol Dependence Reports*. 4:100083
24. Tabatabaeepour N, Morgan JR, **Jalali A**, Kapadia SN, Meinhofer A. 2022. "Impact of prenatal substance use policies on commercially insured pregnant females with opioid use disorder." *Journal of Substance Abuse Treatment*. 140:108800
25. Nunez J, Nellerme J, Davis A, Ruhnke S, Gonchigjav B, Bat-Erdene N, Zorigtbaatar A, **Jalali A**, Bagley K, Katz MG, Pioli H, Bat-Erdene B, Orgoi S, Price RR, Lundeg G. 2022. "Establishing a baseline for surgical care in Mongolia: A situational analysis using the six indicators from the Lancet Commission on Global Surgery." *BMJ Open*. 12(7):e051838.
26. Murphy SM, Jeng PJ, McCollister KE, Leff JA, **Jalali A**, Shulman M, Lee JD, Nunes EV, Novo P, Rotrosen J, Schackman R. 2021. "Cost-effectiveness implications of increasing the efficiency of the extended-release naltrexone induction process for the treatment of opioid use disorder: A secondary analysis." *Addiction*. 116(12):3444-3453.
27. Mordhorst TR, **Jalali A**, Nelson RE, Brodke, DS, Spina N, Spiker WR. 2021. "Cost analysis of primary single-level lumbar discectomies using the Value Driven Outcomes database in a large academic center." *The Spine Journal*. 21(8):1309-1317.
28. Waitzman NJ, **Jalali A**, Gross SD. 2021. "Preterm birth lifetime costs in the United States in 2016: An update" *Seminars in Perinatology*. 45(3):151390.
29. Wang W, Lowe NG, **Jalali A**, Murphy SM. 2021. "Economic modeling of reSET-O, a prescription

- digital therapeutic for patients with opioid use disorder” *Journal of Medical Economics*. 24(2):61-68.
30. **Jalali A**, Ryan DA, Jeng PJ, McCollister KE, Leff JA, Lee JD, Nunes EV, Novo P, Rotrosen J, Schackman BR, Murphy SM. 2020. “Health-related quality of life and opioid use disorder pharmacotherapy: A secondary analysis of a clinical trial.” *Drug and Alcohol Dependence*. 215(1):108221.
 31. **Jalali A**, Rothwell E, Botkin JR, Anderson RA, Butterfield RJ, Nelson RE. 2020. “Cost-effectiveness of nusinersen and universal newborn screening for spinal muscular atrophy.” *The Journal of Pediatrics*, 227:274-280.
 32. Murphy SM, Jeng PJ, Poole S, **Jalali A**, Vocci F, Gordon M, Woody GE, Polsky D. 2020. “Health and economic outcomes of treatment with extended-release naltrexone among pre-release prisoners with opioid use disorder (HOPPER): Protocol for an evaluation of two randomized effectiveness trials.” *Addiction Science & Clinical Practice*. 15(15).
 33. **Jalali A**, Ryan DA, McCollister KE, Marsch LA, Schackman BR, Murphy SM. 2020. “Economic evaluation in the national drug abuse treatment clinical trials network: Past, present, and future.” *Journal of Substance Abuse Treatment*. 112:18-27.
 34. **Jalali A**, Martin C, Nelson RE, Vanneman ME, Marti BI, Cooney KA, Waitzman NJ, O’Neil B. 2020. “Provider practice competition and adoption of Medicare’s oncology care model.” *Medical Care*. 58(2):154-160.
 35. Tabiri S, **Jalali A**, Nelson RE, Damah MC, Abantanga FA, Price RR, Katz MG. 2019. “Barriers to timely presentation of patients with surgical conditions at tamale teaching hospital in northern Ghana.” *World Journal of Surgery*. 43(2):346-52.
 36. Tabiri S, Russell KW, Gyamfi FE, **Jalali A**, Price RR, Katz MG. 2018. “Local anesthesia underutilized for inguinal hernia repair in northern Ghana.” *PLoS One*. 13(11):e0206465.
 37. Tabiri S, Yenli EM, Gyamfi FE, **Jalali A**, Nelson RE, Price RR, Katz MG. 2018. “The use of mesh for inguinal hernia repair in northern Ghana.” *Journal of Surgical Research*. 230:137-142.
 38. Goz V, Lakomkin N, **Jalali A**, Brodke DS, Spiker WR. 2018. “Coagulation laboratory testing is predictive of wound complications following microdiscectomy.” *Global Spine Journal*. 9(2):138-142.

EXTRAMURAL FUNDING AWARDED

As Principle Investigator (PI)

NIH/NIDA R03DA057465 05/2023—04/2025
 The Economic Viability and Value of Implementing an Inpatient Addiction Consult Model in Public Hospital Systems for Patients with Opioid Use Disorder
 Total Cost: \$186,876

Chestnut Health System 01/2023—01/2025
 Health-related Quality of Life Among Persons Involved in the Criminal-Legal System with a History of Opioid Use Disorder
 Total Cost: \$247,483

As Sub-contract PI

AHRQ R18HS029783 12/2023—11/2027
 Leveraging Social Determinants via Artificial Intelligence and Peer Coaching to Address Racial Disparities in Primary Care among People Who Use Opioids
 Total Sub-contract Cost: \$224,849

NIH U54HD1131722 09/2023—08/2028
 NY Community-Hospital-Academic Maternal health Equity Partnerships (NY-CHAMP): Policy Solutions for Addressing Structural Racism in Maternal Health Disparities
 Total Sub-contract Cost: \$113,505

NIH/NIDDK U01DK137272 09/2023—09/2028
 NAVIGATE CKD: A Community-engaged Multi-level Intervention to Reduce Kidney Disparities Among Latinos with Kidney Disease
 Total Sub-contract Cost: \$139,347

Complete list of extramural funding as Co-Investigator available upon request.

PRESENTATIONS

Academic Workshops, Didactics and Webinars

International Network on Health and Hepatitis in Substance Users (INHSU): *“Economic Evaluations of Clinical Interventions for Substance Use Disorder”* Feb 28th 2024
 Boston Medical Center, Addiction Fellows Didactic: *“Healthcare costs and fiscal considerations for addiction specialist”* Jan 18th 2024
 NewYork Presbyterian Hospital, Internal Med. Residency Program: *“Economic evaluation of medical decisions”* May 26th 2023
 Weill Cornell Medicine - Qatar’s Executive Certificate program in Healthcare Management and Policy: *“Three lectures on economic evaluation methods in healthcare”* Mar 31st 2022
 Addictions Health Services Research Monthly Workshop: *“Conducting economic evaluations alongside substance use disorder clinical trials: Statistical methods and best practices”* Jan 11th 2021

Invited Talks

Dept. of Public Health and Community Medicine, University of Gothenburg Mar 23rd 2023
 Dept. of Pharmacy Systems, Outcomes and Policy, University of Illinois, Chicago Mar 23rd 2021
 Dept. of Health Behavior and Policy, Virginia Commonwealth University Feb 9th 2021
 Dept. of Population Health Sciences, Weill Cornell Medicine Jan 14th 2021
 VA Salt Lake City Health Care System Dec 15th 2020
 Program for Addiction Research, Clinical Care, Knowledge, and Advocacy (PARCKA), University of Utah School of Medicine Dec 15th 2020
 Dept. of Healthcare Policy & Research, Weill Cornell Medicine Apr 15th 2019
 Dept. of Sociology, University of Utah Nov 16th 2018
 Dept. of Economics, University of Texas, Rio Grande Valley Oct 26th 2018
 VA Salt Lake City Health Care System Oct 16th 2018
 Dept. of Economics, California State University, Long Beach Oct 5th 2018
 Dept. of Economics and Statistics, California State University, Los Angeles Sep 20th 2018

Annual Meetings

Addiction Health Services Research Conference (podium), New York, NY Oct 2023
 European Society for Medical Decision Making (poster), Berlin, Germany May 2023
 Society for Medical Decision Making (poster), Seattle, WA Oct 2022
 AcademyHealth Annual Research Meeting (Session Chair), Washington D.C. Jun 2022
 AcademyHealth Annual Research Meeting (poster), Washington D.C. Jun 2022
 Addiction Health Services Research Conference (podium) Oct 2021 (virtual)
 The College of Problems on Drug Dependence (poster) Jun 2021 (virtual)

Addiction Health Services Research Conference (poster) Oct 2020 (virtual)
 The College of Problems on Drug Dependence (poster) Jun 2020 (virtual)
 Academic & Health Policy Conference on Correctional Health (poster) Jun 2020 (canceled)
 International Society for Pharmacoeconomics and Outcomes Research (poster) May 2020 (virtual)
 Cure SMA (poster), Anaheim, CA Jun 2019
 NHGRI CEER Consortium (podium), Salt Lake City, UT Apr 2019
 American Association for Cancer Research (poster), Atlanta, GA Apr 2019
 AcademyHealth (poster), Seattle, WA Jun 2018
 American College of Surgeons - Utah Chapter (poster), Salt Lake City, UT May 2018
 American Public Health Association (poster), Atlanta, GA Nov 2017
 Western Social Science Association (podium), Reno, NV Apr 2016

PUBLISHED TECHNICAL REPORTS

1. Waitzman NJ, **Jalali A.** 2019. “Updating national preterm birth costs to 2016 with separate estimates for individual states.” *University of Utah.*

TEACHING EXPERIENCE

Full Instructor

Weill Cornell Graduate School of Medical Sciences:

–HPEC 5005: Cost Effectiveness Analysis Sp. 2022, Sp. 2023, Sp. 2024
 University of Utah:

–ECON 6190: Health Economics (Master’s level graduate class) Fa. 2016, Su. 2017

–ECON 5190: Health Economics (Senior level class) Sp. 2017

–ECON 4890: CSBS Internship in Economics (supervising instructor) Su. 2018, Sp. 2018

–ECON 3620: Mathematics for Economists Sp. 2016

–ECON 3540: Current Economic Problems Fa. 2015, Su. 2016

Westminster College Gore School of Business:

–ECON 263: Elementary Microeconomics Sp. 2017

Guest Lecturer

Department of Population Health Sciences, Weill Cornell Graduate School of Medical Sciences

–HPEC 5005: Cost-Effectiveness Analysis (Master’s level graduate class) Sp. 2021

Department of Healthcare Policy & Research, Weill Cornell Graduate School of Medical Sciences

–ECON 200: Cost-Effectiveness Analysis (Master’s level graduate class) Sp. 2020

Department of Economics, Franklin & Marshall College

–ECON 10: Introduction to Economic Principles Fa. 2020

MEDICAL AND GRADUATE THESIS/PROJECT ADVISOR

Callista Clairmont, MD Student (2024-2025), Project title: TBD/In-development.

Matthew Maughan, MS Student (2023-2024), Project title: Cost-effectiveness of two new Ebola therapeutics (Mab114 and REGN) in Uganda.

Grant Black, MD Student (2022-23), Project title: Health economic and surgical outcomes of prophylactic muscle flap coverage after spinal fusion. [Mentee Outcomes: Manuscript submission and society presentation.]

Hyunkyung Yun, MS Student (2020-22), Project title: Cost-effectiveness of MRI and MRI-guided biopsy for prostate cancer screening. [Mentee Outcomes: Peer reviewed publication and admission to PhD Program at Brown University.]

AWARDS, HONORS & FELLOWSHIPS

Early Career Investigator Award, Addiction Health Services Research Conference 2021
Recognized by Editor-in-Chief as a high-quality peer reviewer, *Annals of Internal Medicine* 2020
Utah Center for Excellence in ELSI Research Graduate Fellowship 2019
Charles Kuntz Scholar Award, Congress of Neurological Surgeons 2018
Utah Center for Excellence in ELSI Research Award 2018
Howard-Karsten Memorial Fellowship 2017
Jewel J. Rasmussen Doctoral Research Grant 2017
AFIT Student Scholar Award 2016
Distinction in PhD Qualifying Exam: Microeconomic Theory 2015
Distinction in PhD Qualifying Exam: Political Economy 2015

Teaching

Economics Dept. Graduate Instructor Teaching Award Nomination 2016, 2017
Recognition for “Excellence in Education,” Latter-day Saint Student Association 2016

Non-Academic Achievements

High School Wrestling Championship (D.IV–189 lbs), California Interscholastic Federation 2005

SERVICE & MEMBERSHIP

Grant Reviewer:

De Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO) Jan. 2023
Muscular Dystrophy Canada Dec. 2021

Editorial Service:

Guest Associate Editor, *Frontiers in Psychiatry* 2023

Journal Referee: *Health Affairs, Annals of Internal Medicine, Addiction, Medical Care, Medical Decision Making, Journal of Substance Abuse Treatment, International Journal of Drug Policy, Pediatric Research, Journal of Market Access & Health Policy, Global Spine Journal, PLoS One, Gastroenterology, Addiction Science & Clinical Practice, International Journal of Neonatal Screening, Drug and Alcohol Dependence, Pharmacoeconomics, British Journal of Psychiatry, BMC Health Services*

Abstract Reviewer, AcademyHealth Annual Research Meeting 2021-2023

Co-Chair, Population Health Sciences Postdoctoral Committee 2020-2021

Paper Discussant, Allied Social Science Association Annual Meeting 2020

Scientific Review Committee, American Society of Health Economists 2018

Abstract Reviewer, American Public Health Association 2018

Chair, Graduate Senate Advisory Committee, University of Utah 2016-2017

PhD Admissions and Rules Committee, Dept. of Economics, University of Utah 2015-2016

Member: American Economic Association (2012-Present), American Society of Health Economists (2017-Present), American Public Health Association (2017-Present), The New York Academy of Sciences (2020-Present), Academic Consortium on Criminal Justice health (2021-Present), Society for Medical Decision Making (2022-Present)

TECHNICAL SKILLS, LANGUAGES AND CITIZENSHIP

Programming	Stata, R, Python
Software & Tools	L ^A T _E X, Mathematica, TreeAge, Microsoft Office Package
Languages	English, Persian (Farsi)
Citizenship	United States

REFERENCES

References available upon request.