

Jacob Wallace

Dept. of Health Policy and Management • Yale School of Public Health

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Education

2010 – 2016 **Harvard University** – Cambridge, MA
PhD in Health Policy/Economics

2001 – 2005 **Swarthmore College** – Swarthmore, PA
BA in Economics (with High Honors)

Employment

2017 – Present *Assistant Professor* • **Yale School of Public Health** • New Haven, CT
Health economist with a focus of study on the Medicaid program. Research has been published in the top clinical, health policy, and economics journals and received .

2016 – 2017 *Data Scientist and Product Manager* • **Nuna Health** – San Francisco, CA
Led team of software engineers and data scientists, including numerous with PhDs, to support development of T-MSIS, and generate insights for policymakers and clients.

2007 – 2010 *Policy analyst* • **New York State Department of Health** – Albany, NY
Led multi-year projects to reform Medicaid provider reimbursement rates; helped implement prospective payment; recipient of Commissioner's Award for excellence.

2005 – 2006 *Analyst* • **Cornerstone Research** – New York, NY
Analyst assigned to a variety of case teams working on complex commercial litigation. Presented regression analyses to case teams, clients, and expert witnesses.

Professional affiliations

2023-Present Editorial board, *Health Services Research*

2023-Present Invited researcher, *Abdul Lateef Jameel Poverty Action Lab*

2017-Present Assistant Professor, *Tobin Center for Economic Policy at Yale*

2017-2019 Visiting Assistant Professor, *Harvard Medical School*

Economics papers

- 2024 *Private Provision of Public Services: Evidence from Random Assignment in Medicaid* with Dan Macambira, Michael Geruso, Anthony Lollo, and Chima D. Ndumele. **Revise and resubmit at American Economic Review.** [NBER Working paper](#).
- 2024 *The Great Equalizer: Medicare and the Geography of Consumer Financial Strain* with Paul Goldsmith-Pinkham and Maxim Pinkovskiy. **Revise and resubmit at Review of Economics and Statistics.** [NBER Working paper](#).
- 2024 *Adverse Selection and Network Design Under Regulated Plan Prices: Evidence from Medicaid* with Amanda Kreider, Timothy J. Layton, and Mark Shepard. **Under review.** [NBER Working paper](#).
- 2023 *What Does a Provider Network Do? Evidence from Random Assignment in Medicaid Managed Care.* **American Economic Journal: Economic Policy**, Vol. 15, No. 1, pp. 473-509.
- 2023 *What Difference Does a Health Plan Make? Evidence from Random Plan Assignment in Medicaid* with Timothy J. Layton and Michael Geruso. **American Economic Journal: Applied Economics**, Vol. 15, No. 3, pp. 341-79.
- 2022 *Measuring Changes in Disparity Gaps: An Application to Health Insurance* with Paul Goldsmith-Pinkham, Karen Jiang, and Zirui Song. **American Economic Association Papers and Proceedings**, Vol. 112, pp. 356-60.

Health policy papers

- 2023 *After 50 Years, Health Professional Shortage Areas Had No Significant Impact On Mortality Or Physician Density* with Justin Markowski and Chima D. Ndumele. **Health Affairs**, Vol. 42, No. 11, pp. 1507-1516.
- 2023 *Association Between Medicare Eligibility at Age 65 Years and In-Hospital Treatment Patterns and Health Outcomes for Patients with Trauma: Regression Discontinuity Approach* with Deepon Bhaumik, John Scott, and Chima D. Ndumele. **British Medical Journal**, 382:e074289.
- 2023 *Excess Death Rates for Republican and Democratic Registered Voters in Florida and Ohio During the COVID-19 Pandemic* with Paul Goldsmith-Pinkham and Jason Schwartz. **JAMA Internal Medicine**, Vol. 183, No. 9, pp. 916-923.
- 2023 *Conditional cross-design synthesis estimators for generalizability in Medicaid* with Irina Degtiar, Tim Layton, and Sherri Rose. **Biometrics**, published online April 5, 2023.

- 2023 *State-level Variation in Supplemental Maternity Kick Payments in Medicaid Managed care* with Samantha Auty and Jamie Daw. **JAMA Internal Medicine**, Vol. 183, No. 1, pp. 80-82.
- 2023 *Risk Adjustment and Promoting Health Equity in Population-Based Payment: Concepts and Evidence* with J. Michael McWilliams, Gabe Weinreb, Lin Ding, Chima D. Ndumele. **Health Affairs**, Vol. 42, No. 1, pp. 105-114.
- 2023 *Long-Term Stability of Coverage Among Michigan Medicaid Beneficiaries: A Cohort Study* with Chima D. Ndumele, Anthony Lollo, Harlan Krumholz, and Mark Schlesinger. **Annals of Internal Medicine**, Vol. 176, No. 1, pp. 22-28.
- 2022 *Racial/Ethnic Disparities in Substance Use Treatment in Medicaid Managed Care in New York City: The Role of Plan and Geography* with Margarita Alegria, Irene Falgas-Bague, et al. **Medical Care**, Vol. 60, No. 11, pp. 806-812.
- 2022 *Association Between Medicaid Managed Care Coverage of Substance Use Services and Treatment Utilization* with Samantha Auty and Megan Cole. **JAMA Health Forum**, Vol. 3, No. 8, pp. e222812-e222812.
- 2022 *Performance metrics of substance use disorder care among Medicaid enrollees in New York, New York* with Margarita Alegria, Irene Falgas-Bague, et al. **JAMA Health Forum**, Vol. 3, No. 7, pp. e221771-e221771.
- 2022 *Disparities in Health Care Spending and Utilization Among Black and White Medicaid Enrollees* with Anthony Lollo, Kate Duchowny, Matthew Lavallee, and Chima D. Ndumele. **JAMA Health Forum**, Vol. 3, No. 6, pp. e221398-e221398.
- 2022 *Supporting Innovation in Medicaid Policy—Interventions to Increase Adoption of RCTs* with Julia Smith and Atheendar Venkataramani. **New England Journal Of Medicine**, Vol. 386 (19), pp. 1775-1777.
- 2022 *In Medicaid Managed Care Networks, Care is Highly Concentrated Among a Small Percentage of Physicians* with Avital B. Ludomirsky, William L. Schpero, Anthony Lollo, Susannah Bernheim, Joseph S. Ross, and Chima D. Ndumele. **Health Affairs**, Vol. 41, No. 5, pp. 760-768.
- 2022 *Residual Confounding in Health Plan Performance Assessments: Evidence from Randomization in Medicaid* with J. Michael McWilliams, Anthony Lollo, Janet Eaton, and Chima D. Ndumele. **Annals of Internal Medicine**, Vol. 175, No. 3, pp. 314-324.
- 2021 *Evaluation of the Association Between Medicare Eligibility and Excess Deaths During the COVID-19 Pandemic in the US* with Anthony Lollo and Chima D. Ndumele. **JAMA Health Forum**, Vol. 2, No. 9, pp. e212861-e212861.

- 2021 *Changes in racial and ethnic disparities in access to care and health among US adults at age 65 years* with Karen Jiang, Paul Goldsmith-Pinkham, and Zirui Song. **JAMA Internal Medicine**, Vol. 181, No. 9, pp. 1207-1215.
- 2021 *Characterization of US Hospital Advertising and Association With Hospital Performance, 2008-2016* with Chima D. Ndumele, Michael Cohen, Muriel Solberg, and Anthony Lollo. **JAMA Network Open**, Vol. 4, No. 7, pp. e2115342-e2115342.
- 2021 *Out-of-network laboratory test spending, utilization, and prices* with Zirui Song and Timothy Lillehaugen. **JAMA**, Vol. 325, No. 16, pp. 1674-1676.
- 2021 *Out-of-network spending on behavioral health, 2008-2016* with Zirui Song, Timothy Lillehaugen, Susan Busch, and Nicole Benson. **Journal of General Internal Medicine**, Vol. 36, No. 1, pp. 232-234.
- 2020 *Promoting Equitable Access to COVID-19 Vaccines—The Role of Medicaid* with Jason Schwartz and Walter Orenstein. **Health Affairs Forefront**, September, 2020.
- 2020 *Association of Provider Performance with Changes in Insurance Networks* with Katie Piwnica-Worms, Anthony Lollo, and Chima D. Ndumele. **Journal of General Internal Medicine**, Vol. 35, No. 7, pp. 1997-2002.
- 2020 *Out-of-network spending: why growing attention is focused on a small share of medical spending* with William Johnson, Kevin Kennedy, Jean Biniek, and Zirui Song. **Health Affairs Forefront**, Vol. 6, No. 2.
- 2020 *Out-Of-Network Spending Mostly Declined In Privately Insured Populations With A Few Notable Exceptions From 2008 To 2016* with Zirui Song, William Johnson, Kevin Kennedy, and Jean Biniek. **Health Affairs**, Vol. 39, No. 6, pp. 1032-1041.
- 2020 *Comparison of office-based physician participation in Medicaid managed care and health insurance exchange plans in the same US geographic markets* with Anthony Lollo and Chima D. Ndumele. **JAMA Network Open**, Vol. 3, No. 4, pp. e202727-e202727.
- 2016 *Traditional Medicare Versus Private Insurance: How Spending, Volume, and Price Change at Age Sixty-Five* with Zirui Song. **Health Affairs**, Vol. 35, No. 5, pp. 864-872.
- 2016 *Health Insurance Effects on Preventive Care and Health: A Methodologic Review* with Ben Sommers. **American Journal of Preventive Medicine**, Vol. 50, No. 5, pp. S27-S33.

- 2015 *Medicare Fee Cuts and Cardiologist-Hospital Integration* with Zirui Song, Hannah Neprash, Rick McKellar, Michael Chernew, and J. Michael McWilliams. **JAMA Internal Medicine**, Vol. 175, No. 7, pp. 1229-1231.
- 2015 *Measuring Prices in Health Care Markets Using Commercial Claims Data* with Hannah Neprash, Michael Chernew, and J. Michael McWilliams. **Health Services Research**, Vol. 50, No. 6, pp. 2037-2047.
- 2015 *Effect of dependent coverage expansion of the Affordable Care Act on health and access to care for young adults* with Ben Sommers. **JAMA Pediatrics**, Vol. 169, No. 5, pp. 495-497.
- 2015 *Unintended consequences of eliminating Medicare payments for consultations* with Zirui Song, John Ayanian, Yulei He, Teresa Gibson, and Michael Chernew. **JAMA Internal Medicine**, Vol. 173, No. 1, pp. 15-21.

Recent grants

- 2023-2026 *Principal Investigator* • **NIA/NIH** • R01 AG080439-01 • \$1,454,295
Title: "Access to Healthcare as a Driver of Place-Based Inequality in Mid-Life Mortality: Evidence from Movers in Medicaid"
- 2022-2026 *Co-Investigator* • **NINR/NIH** • R01 NR020855-01 • \$2,276,083
Title: "Leveraging SNAP to Improve Mental Health Outcomes: Evidence from the COVID-19 Emergency Response" (PI: Chima Ndumele, PhD)
- 2023-2027 *Co-Investigator* • **NIDA/NIH** • R01 DA057789-01A1 • \$2,744,621
Title: "Substance use disorder treatment centers and facility ownership changes" (PI: Susan Busch, PhD)
- 2022-2026 *Co-Investigator* • **NIAAA/NIH** • R01 AA030170 • \$2,316,053
Title: "Alternative payment models and alcohol use disorder treatment and consequences" (PI: Susan Busch, PhD)
- 2022-2026 *Site Principal Investigator* • **NIA/NIH** • R01 AG077949-01 • \$117,577
Title: "Racial Bias in Risk-Adjustment Algorithms and Implications for Racial Health Disparities: Evidence from Dual-Eligible Medicare/Medicaid Long-Term Care Patients in New York" (PIs: Maya Rossin-Slatter, PhD and Ajin Lee, PhD)
- 2021-2024 *Site Principal Investigator* • **Robert Wood Johnson Foundation** • \$101,899
Title: "Building a Smarter Safety-Net: Evidence of Offsets between the SNAP and Medicaid Programs" (PI: Chima Ndumele, PhD)

- 2022-2023 *Site Principal Investigator* • **Commonwealth Foundation** • \$57,276
Title: "Racial/Ethnic Disparities in the Economic Consequences of Health Shocks: Evidence from Medicaid" (*PI: Brigham Walker, PhD*)
- 2020-2023 *Principal Investigator* • **Commonwealth Foundation** • \$97,978
Title: "Reexamining racial and ethnic disparities in Medicaid: Evidence from random assignment"
- 2020-2023 *Site Principal Investigator* • **Arnold Ventures** • \$83,489
Title: "Healthcare Markets and Regulation Lab: Policies to reduce spending on Long Term Care" (*PI: Michael Chernew, PhD*)
- 2019-2022 *Co-Investigator* • **NHLBI/NHI** • \$1,641,256
Title: "Leveraging Physician Networks to Improve Cardiovascular Care and Outcomes for Low-Income Populations" (*PI: Chima Ndumele, PhD*)

Professional honors and recognition

- 2023 Invited editorial board member, *Health Services Research*
- 2023 Invited researcher, *Abdul Lateef Jameel Poverty Action Lab*
- 2021 Health Equity Research Award (Yale School of Public Health)
For the paper "Disparities in Health Care Spending and Utilization Among Black and White Medicaid Enrollees".
- 2021 Faculty Mentor of the Year (Yale School of Public Health)
The mentoring award recognizes educators who are leaders in shaping the next generation of public health professionals and who serve as role models for their students.
- 2021 Team Science Research Award (Yale School of Public Health)
For the paper "Comparison of office-based physician participation in Medicaid managed care and health insurance exchange plans in the same US geographic markets".
- 2015 Jeremy R. Knowles Graduate Student Fellowship (Harvard University)
- 2015 Graduate Society Dissertation Completion Fellowship (Harvard University)
- 2014 Certificate for Excellence in Tutoring (Harvard Medical School)
- 2013 Dean's Award for Excellence in Student Teaching (Harvard Kennedy School)
- 2005 Phi Beta Kappa (Swarthmore College)

Invited conferences and seminars

- 2024 University of Pennsylvania, Leonard Davis Institute
- 2023 Johns Hopkins Bloomberg School of Public Health, Health Economics Seminar; University of Texas at Austin, Economics Department; Lehigh Economics Department, O'Neill School of Public and Environmental Affairs; American Society of Health Economists Annual Conference (ASHEcon); NBER Summer Institute
- 2022 Johns Hopkins Bloomberg School of Public Health, Health Economics Seminar; University of Texas at Austin, Economics Department; Lehigh Economics Department, O'Neill School of Public and Environmental Affairs
- 2021 Stanford University, Economics Department; Harvard Medical School, Health Care Policy; University of Pennsylvania; Ohio State Applied Microeconomics seminar*; 12th Annual Empirical Health Law Conference, Boston University and Duke University; American Society of Health Economists Annual Conference (ASHEcon); Association for Public Policy and Management (APPAM); NBER Summer Institute
- 2020 Harvard-MIT-BU Joint Health Economics Seminar; American Society of Health Economists Annual Conference (ASHEcon); Association for Public Policy and Management (APPAM)
- 2019 Swarthmore College, Economics Department; American Society of Health Economists Annual Conference (ASHEcon); Association for Public Policy and Management (APPAM); New England Area Medicaid Research Symposium (Organizer)
- 2018 Northwestern Kellogg Healthcare Markets Conference; American Society of Health Economists Annual Conference (ASHEcon)
- 2017 Harvard School of Public Health; Yale School of Public Health; Weill-Cornell Medical College

Miscellaneous

Software: R, Stata, SAS, \LaTeX , Github

Hobbies: Parenting, tennis

Foreign languages: Bahasa Indonesia (basic)

Citizenship: U.S.A.

Last updated

January 29, 2024