

**Coady Wing**

Paul H. O'Neill School of Public and Environmental Affairs

Indiana University

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Paul H. O'Neill School of Public Environmental Affairs, Indiana University Bloomington

Chair -- Policy Analysis and Public Finance (2016-Present)

Professor (2025-Present)

Associate Professor (2019 to 2025)

Assistant Professor (2014 to 2019)

American Journal of Health Economics

Editorial Board (2024 to present)

School of Public Health, University of Illinois at Chicago

Assistant Professor (2012 to 2014)

Institute for Policy Research, Northwestern University

Postdoctoral Fellow (2010 to 2011)

National Institute for Nursing Research

Advisory Board (Pending Clearance)

## **Education**

Ph.D. Maxwell School of Citizenship and Public Affairs, Syracuse University  
Public Administration (2010)

M.A. School of Public Policy and Administration, Carleton University  
Public Policy and Administration (2006)

B.PAPM Arthur Kroeger College of Public Affairs, Carleton University  
Public Affairs and Policy Management (2004)

## **Journal Articles**

1. Freedman, S., Sacks, D.W., Simon, K. and Wing, C., (2026). Direct and indirect effects of vaccines: Evidence from COVID-19. *American Economic Journal: Applied Economics*, 18(1), pp.1-43.
2. Carlin, P., Dixon, B. E., Simon, K. I., Sullivan, R., & Wing, C. (Forthcoming). How Undervalued is the Covid-19 Vaccine? Evidence from Discrete Choice Experiments and VSL Benchmarks. *American Journal of Health Economics*.
3. Dreyer, M., McGuire, C., Silva, J., Simon, K., Wing, C., Ziedan, E., (Forthcoming) Racial Disparities in Infant Drug Testing: A Research Note. *Demography*.
4. Montenovo, L., Simon, K., Wing, C. (Conditionally Accepted) The Redistributive Effect of Federal Medicaid Outlays Across Counties: Causal Evidence from the ACA. *Public Budgeting and Finance*.

5. Sacks, D.W., Menachemi, N., Embí, P. and Wing, C., 2024. What can we learn about SARS-CoV-2 prevalence from testing and hospital data?. *Review of Economics and Statistics*, 106(3), pp.848-858.
6. Steuart, S.R., Estrada, M.A.G., Andrews, C.M., Grogan, C.M., Hinds, O.M., Lawler, E.C., Peterson, L.A., Lozano-Rojas, F., Westlake, M.A., Wing, C. and Abraham, A.J., 2025. Medicaid managed care organization service coverage and diagnosis and treatment of opioid use disorder: evidence from quasi-random auto-assignment in Kentucky. *Health Affairs Scholar*, 3(7).
7. Estrada, M. A. G., Steuart, S. R., Andrews, C. M., Grogan, C. M., Hinds, O. M., Lawler, E. C., Lozano-Rojas, F., Westlake, M.A., Peterson, L., Wing, C., Abraham, A. J. (2025). Relationship between Medicaid coverage design and receipt of medication for alcohol use disorder (MAUD): Probability of receipt increases based on comprehensiveness of plan. *Drug and Alcohol Dependence Reports*.
8. Siegal, N., Simon, K., Freedman, S., Aalsma, M.C. and Wing, C., 2025. Stalled Improvements? Youth Opioid Misuse 2015–2022. *Journal of Adolescent Health* 77(2), 33-277
9. Freedman, S., Marquardt, K., Salcedo, D., Simon, K., & Wing, C. (2024). Societal disruptions and childhood ADHD diagnosis during the Covid-19 pandemic. *Journal of Human Resources* 59(7), S187-S226.
10. Wing, C., Yozwiak, M., Hollingsworth, A., Freedman, S., Simon, K. (2024) Designing Difference in Difference Studies with Staggered Treatment Adoption: Key Concepts and Practical Guidelines. *Annual Review of Public Health* 45, 485-505.
11. Carlin, P., Raman, S., Simon, K., Sullivan, R. and Wing, C., 2024. Mask mandate costs. *Journal of Benefit-Cost Analysis*, 15(1), pp.163-191.
12. Nasseh, K., Bowblis, J.R. and Wing, C., 2024. How do dental practices respond to changes in scope of practice regulations?. *Health Economics*, 33(11), pp.2508-2524.
13. Wing, C. and Dreyer, M., 2024. Making sense of the difference-in-difference design. *JAMA Internal Medicine*, 184(10), pp.1250-1251.
14. Gian, C., Gupta, S., Simon, K., Sullivan, R. and Wing, C., 2024. Do workers undervalue COVID-19 risk? Evidence from wages and death certificate data. *Journal of Risk and Uncertainty*, 69(3), pp.281-321.
15. Gupta, S., Montenovo, L., Nguyen, T., Lozano-Rojas, F., Schmutte, I., Simon, K., Weinberg, B., & Wing, C. (2023). Effects of social distancing policy on labor market outcomes. *Contemporary Economic Policy*, 41(1), 166–193.
16. Chakraborty, R., Kobayashi, L.C., Jock, J., Wing, C., Chen, X., Phillips, M., Berkman, L., Kahn, K., Kabudula, C.W. and Rosenberg, M., (2024). Child support grant expansion and cognitive function among women in rural South Africa: Findings from a natural experiment in the HAALSI cohort. *Plos one*, 19(3), p.e0297673.
17. Jock, J., Kobayashi, L., Chakraborty, R., Chen, X., Wing, C., Berkman, L., Canning, D., Kabudula, W., Tollman, S., & Rosenberg, M. (2023). Effects of pension eligibility expansion on men's cognitive function: Findings from rural South Africa. *Journal of Aging & Social Policy*. <https://doi.org/10.1080/08959420.2023.2195785>
18. Anglin, K. L., Wong, V.C., Wing, C., Miller-Bains, K., & McConeghy, K. (2023). The validity of causal claims with repeated measures designs: A within-study comparison evaluation of differences-in-differences and the comparative interrupted time series. *Evaluation Review*, 47(5), 895–931.
19. Hollingsworth, A., Wing, C., & Bradford, A. C. (2022). Comparative effects of recreational and medical marijuana laws on drug use among adults and adolescents. *The Journal of Law and Economics*, 65(3), 515–554.

20. Montenovo, L., Jiang, X., Lozano-Rojas, F., Schmutte, I., Simon, K., Weinberg, B. A., & Wing, C. (2022). Determinants of disparities in early COVID-19 job losses. *Demography*, 59(3), 827–855.
21. Zenk, S. N., Pugach, O., Chriqui, J. F., Wing, C., Raymond, D., Tarlov, E., Sheridan, B., Jones, K., & Slater, S. J. (2022). Active living-oriented zoning codes and cardiometabolic conditions across the lifespan. *Translational Behavioral Medicine*, 12(4), 595–600.
22. Gupta, S., Nguyen, T.D., Rojas, F.L., Raman, S., Lee, B., Bento, A., Simon, K.I. & Wing, C. (2021). Tracking public and private response to the Covid-19 epidemic: Evidence from state and local government actions. *American Journal of Health Economics*, 7(4) 361–404.
23. Gupta, S., Cantor, J., Simon, K. I., Bento, A. I., Wing, C., & Whaley, C. M. (2021). Vaccinations against COVID-19 may have averted up to 140,000 deaths in the United States: Study examines role of COVID-19 vaccines and deaths averted in the United States. *Health Affairs*, 40(9), 1465–1472.
24. Carlin, P. R., Minard, P., Simon, D. H., & Wing, C. (2021). Effects of large gatherings on the COVID-19 epidemic: Evidence from professional and college sports. *Economics & Human Biology*, 43, 101033.  
<https://doi.org/10.1016/j.ehb.2021.101033>
25. Nguyen, T. D., Gupta, S., Andersen, M. S., Bento, A. I., Simon, K. I., & Wing, C. (2021). Impacts of state COVID-19 reopening policy on human mobility and mixing behavior. *Southern Economic Journal*, 88(2), 458–486.
26. Gupta, S., Simon, K., & Wing, C. (2020). Mandated and voluntary social distancing during the COVID-19 epidemic. *Brookings Papers on Economic Activity*, 2020(2), 269–326.
27. Bento, A. I., Nguyen, T., Wing, C., Lozano-Rojas, F., Ahn, Y. Y., & Simon, K. (2020). Information seeking responses to news of local COVID-19 cases: Evidence from Internet search data. *Proceedings of the National Academy of Sciences*, 117(21), 11220–11222.
28. Wing, C., Bradford, A., Carroll, A., & Hollingsworth, A. (2020). Association of state marijuana legalization policies for medical and recreational use and vaping associated lung disease. *JAMA Network Open*, 3(4).  
<https://doi.org/10.1001/jamanetworkopen.2020.2187>
29. Tarlov, E., Silva, A., Wing, C., Slater, S., Matthews, S., Jones, K., & Zenk, S. (2020). Neighborhood walkability and body mass index change: A national study of veterans in large urban areas. *Obesity*, 28(1), 46–54.
30. Richards, M. & Wing, C. (2019). Recruiting and retaining dental labor in federal facilities: Harder than pulling teeth? *Health Economics*, 28(11), 1356–1369.
31. Zenk, S., Tarlov, E., Wing, C., Slater, S., Jones, K., Fitzgibbon, M., & Powell, L. (2019). Does the built environment influence the effectiveness of behavioral weight management interventions? *Preventive Medicine*, 126, 1–8.
32. Bullinger, L. & Wing, C. (2019). How many children live with adults with opioid use disorder? *Child and Youth Services Review*, 104, 1–18.
33. Li, D., Richards, M., & Wing, C. (2019). Economic downturns and nurse attachment to federal employment. *Health Economics*, 28(6), 808–814.
34. Perez, V. & Wing, C. (2019). Should we do more to police Medicaid fraud? Evidence on the intended and unintended consequences of expanded enforcement. *American Journal of Health Economics*, 5(4), 481–508.

35. Wing, C. (2019). What can instrumental variables tell us about missing data in household surveys and political polls? *Political Analysis*, 27(3), 320–338.
36. Yamaki, K., Wing, C., Mitchell, D., Owen, R., & Heller, T. (2019). Health service utilization and state costs among adults aging with early-acquired physical disabilities in Medicaid managed care. *Journal of Aging and Health*, 31(10S) 97S–123S.
37. Yamaki, K., Wing, C., Mitchell, D., Owen, R., & Heller, T. (2019). Impact of Medicaid managed care on health care utilization among adults with intellectual and developmental disabilities. *Intellectual and Developmental Disabilities*, 57(4), 289–306.
38. Slater, S., Wing, C., Jones, K., Matthews, S., Tarlov, E., & Zenk, S. (2019). Would increasing access to recreational places promote healthier weights and a healthier nation? *Health & Place*, 56, 127–134.
39. Tarlov, E., Wing, C., Gordon, H., Matthews, S., Jones, K., Powell, L., & Zenk, S. (2018). Does effectiveness of weight management programs depend on the food environment? Evidence from a nationwide program. *Health Services Research*, 53(6), 4268–4290.
40. Zenk, S., Tarlov, E., Wing, C., Matthews, S., Tong, H., Jones, K., & Powell, L. (2018). Long-term weight loss effects of a behavioral weight management program: Does the community food environment matter? *International Journal of Environmental Research and Public Health*, 15(2), 211–236.
41. Wing, C. & Bello-Gomez, R. (2018). Regression discontinuity and beyond: Options for studying external validity in an internally valid design. *American Journal of Evaluation*, 39(1), 91–108.
42. Yamaki, K., Wing, C., Mitchell, D., Owen, R., & Heller, T. (2018). Impact of Medicaid managed care on Illinois' acute health services expenditures for adults with intellectual and developmental disabilities. *Intellectual and Developmental Disabilities*, 56(2), 133–146.
43. Wing, C., Simon, K., & Bello-Gomez, R. (2018). Designing difference in difference studies: Best practices for public health research. *Annual Review of Public Health*, 39(1), 453–469.
44. DeFlorio-Barker, S., Wing, C., Jones, R.M., & Dorevitch, S. (2018). Estimate of the incidence and cost of recreational waterborne illness on United States surface waters. *Environmental Health*, 17(3), 1–10.
45. Zenk, S.N., Tarlov, E., Powell, L., Wing, C., Matthews, S., Slater, S., Gordon, H., Berbaum, M., & Fitzgibbon, M. (2018). Weight And Veterans Environments Study (WAVES) I and II: Rationale, design, and methods. *American Journal of Health Promotion*, 32(3), 779–794.
46. Wong, V., Wing, C., Martin, D., & Krishnamachari, A. (2017). Did states use implementation discretion to reduce the stringency of NCLB? Evidence from a database of state regulations. *Educational Researcher*, 47(1), 9–33.
47. Zenk, S., Tarlov, E., Wing, C., Matthews, S.A., Jones, K.M., Tong, H., & Powell, L. (2017). Policy relevant food outlet access and body mass index in a nationwide US sample of 1.7 million adults, 2009-2014. *Health Affairs*, 36(8), 1433–1442.
48. Tarlov, E., Zenk, S., Matthews, S.A., Powell, L.M., Jones, K.M., Slater, S., & Wing, C. (2017). Neighborhood resources to support health diets and physical activity among US military veterans. *Preventing Chronic Disease*, 14. <https://doi.org/10.5888/pcd14.160590>
49. Wing, C. & Clark, M.H. (2017). What can we learn from a doubly randomized preference trial? An instrumental variables perspective. *Journal of Policy Analysis and Management*, 36(2), 418–437.

50. DeFlorio-Barker, S., Wade, T., Jones, R., Friedman, L., Wing, C., & Dorevitch, S. (2017). Estimated costs of sporadic gastrointestinal illness associated with surface water recreation: A combined analysis of data From NEEAR and CHEERS studies. *Environmental Health Perspectives*, 125(2), 215–222.
51. Wong, V. & Wing, C. (2016). The regression discontinuity design and the social corruption of quantitative indicators. *Observational Studies*, 3(2), 183–209.
52. Kleiner, M., Marier, A., Park, K.W., & Wing, C. (2016). Relaxing occupational licensing requirements: Analyzing wages and prices for a medical service. *Journal of Law and Economics*, 59(2), 261–291.
53. McConeghy, K.W. & Wing, C. (2016). A national examination of pharmacy-based immunization statutes and their association with influenza vaccinations and preventive health. *Vaccine*, 34(30), 3463–3468.
54. Chon, W.J., Desai, A., Wing, C., Arwindekar, D., Tang, I., Josephson, M., & Akkina, S. (2016). Impact of maintenance steroids versus rapid steroid withdrawal in African American kidney transplant recipients: Comparison of two urban centers. *International Journal of Clinical Medicine*, 7(3), 204–216.
55. Bress, A., Kittles, R., Wing, C., Hooker, S., & King, A. (2015). Genetic ancestry as an effect modifier of naltrexone in smoking cessation among African Americans: An analysis of a randomized controlled trial. *Pharmacogenetics and Genomics*, 25(2), 305–312.
56. Wing, C. & Marier, A. (2014). Effects of occupational regulations on the cost of dental services: Evidence from dental insurance claims. *Journal of Health Economics*, 34, 131–143.
57. Armenia, A., Gerstel, N., & Wing, C. (2014). Workplace compliance with the law: The case of the Family and Medical Leave Act. *Work and Occupations*, 41(3), 277–304.
58. McConeghy, K., Bress, A., Quato, D., Wing, C., & Nutescu, E. (2014). Evaluation of dabigatran bleeding-related outcomes in the FDA Adverse Event Reporting System during the first year of approval. *Pharmacotherapy: Journal of Human Pharmacology and Drug Therapy*, 34(6), 561–569.
59. Wing, C. & Cook, T.D. (2013). Strengthening the regression discontinuity design using additional design elements: A within study comparison. *Journal of Policy Analysis and Management*, 32(4), 853–877.
60. McConeghy, K., Bress, A., & Wing, C. (2013). Reports of bleeding-related fatalities with dabigatran and warfarin: An analysis using the Food and Drug Administration Adverse Events Reporting System. *Journal of the American College of Cardiology*, 61(10). [https://doi.org/10.1016/s0735-1097\(13\)60319-8](https://doi.org/10.1016/s0735-1097(13)60319-8)
61. Bress, A., Han, J., Patel, S.R., Desai, A.A., Mansour, I., Groo, V., Progar, K., Shah, E., Stamos, T.D., Wing, C., Garcia, J.G., Kittles, R., & Cavallari, L.H. (2013). Association of aldosterone synthase polymorphism (CYP11B2 - 344T>C) and genetic ancestry with atrial fibrillation and serum aldosterone in African Americans with heart failure. *PLoS ONE*, 8(7), 1–10.
62. Cook, T.D. & Wing, C. (2012). Making MTO health results more relevant to current housing policy: Next steps. *Cityscape*, 14(2), 169–180.
63. Wing, C. (2009). Effects of written informed consent requirements on HIV testing rates: Evidence from a natural experiment. *American Journal of Public Health*, 99(6), 1087–1092.
- Wing, C. (2009). Wing Responds—Effects of written informed consent on HIV testing: Evidence from a natural experiment. *American Journal of Public Health*, 99(11), 1924–1925.

## **Book chapters and other outlets**

64. Carlin, P., Gupta, S., Sacks, D., & Wing, C. (2020). Partisan differences in COVID-19 prevalence among politicians suggest important role for protective behaviors. *Covid Economics, Vetted and Real Time Papers* (pp. 70-75).
65. Wolf, D.A., Wing, C., & Lopoo, L.M. (2013). Methodological problems in determining the consequences of military service. In J.M. Wilmoth & A.S. London (Eds.), *Life-Course Perspectives on Military Service* (pp. 254-274). Routledge.
66. Wong, V.C., Wing, C., Steiner, P.M., Wong, M., & Cook, T.D. (2013). Research designs for program evaluation. In W. Velicer & J. Schinka (Eds.), *Handbook of Psychology: Research Methods in Psychology* (2nd ed., pp. 316-341). John Wiley & Sons, Inc.
67. Hallberg, K., Wing, C., Wong, V.C., & Cook, T.D. (2012). Experimental design for causal inference: Clinical trial and regression-discontinuity designs. In T.D. Little (Ed.), *The Oxford Handbook of Quantitative Methods* (pp. 223-236). Oxford University Press.
68. Smeeding, T.M., Robson, K., Wing, C., & Gershuny, J.I. (2012). Income poverty and income support for minority and immigrant households with children in rich countries. In A. Masten, K. Liebkind, & D.J. Hernandez (Eds.), *Realizing the Potential of Immigrant Youth* (pp. 63-89). Cambridge University Press.
69. Smeeding, T.M., Wing, C., & Robson, K. (2010). Differences in social-transfer support and poverty for immigrant families with children: Lessons from the Luxembourg Income Study (LIS). In E.L. Grigorenko & R. Takanishi (Eds.), *Immigration, Diversity, and Education* (pp. 26-47). Routledge.
70. Wing, C. & Schott, S. (2006). Information disclosure as an environmental policy instrument and self-regulatory tool. In G.B. Doern (Ed.), *Innovation, Science, Environment: Policies and Practices* (pp. 213-2320). McGill-Queens University Press.

## **Reports**

Heller, T., Owen, R., Mitchell, D. Eisenberg, Y., Wing, C., Bowers, A., Crabb, C., Yamaki, K., Keys, C., Back, L., Gibbons, H., Schmidt, M., & Viola, J. (2015). *An Independent Evaluation of the Integrated Care Program. Final Report: Findings through the Third Year (FY14)*. Report submitted to the Illinois Department of Public Health and the Illinois Department of Health and Family Services.

Heller, T., Owen, R., Mitchell, D., Keys, C., Viola, J., Eisenberg Y., Bowers A., Gibbons H., Yamaki K., & Wing C. (2014). *An Independent Evaluation of the Integrated Care Program: Findings from the Baseline through Year Two (FY13)*. Report submitted to the Illinois Department of Public Health, Illinois Department of Health and Family Services, and the Illinois Governor's Office.

Lo Sasso, A., Konetzka, T., Wing, C., & Benitez, J. (2014) *A Market for Long-Term Care Beds in Illinois: A Report for the Long-Term Care Subcommittee of the Illinois Health Facilities and Services Review Board*.

## **Working papers under review**

Wing, C., Cai, S.T., Simon, K., Sacks, D. (2026) Do GLP-1 Medications Pay for Themselves? NBER Working Paper w34678.

Mangano, J., Reif, J., Stewart, J., Wing, C. Does Medical Assistance in Dying Reduce Regular Suicide. (2026) Working Paper.

Wing, C., Lo, W.L. Lo, Nguyen, T., Simon, K. (2025) Effects of Medicaid Coverage on GLP-1 Utilization and Expenditures. Working Paper.

Choi, J., Freedman, S., Mangano, J., Wing, C. (2025) Differences in Differences and Staggered Adoption Designs. Manuscript in Preparation for Oxford Handbook of Impact Evaluation.

Wing, C., Freedman, S., & Hollingsworth, A. (2024) Stacked Difference-in-Differences. (No 32054) National Bureau of Economic Research.

Ziedan, E., Simon, K. I., & Wing, C. (2022). *Mortality Effects of Healthcare Supply Shocks: Evidence Using Linked Deaths and Electronic Health Records* (No. w30553). National Bureau of Economic Research. Under review at *Review of Economics and Statistics*.

Hollingsworth, A. & Wing, C., (2020). *Tactics for design and inference in synthetic control studies: An applied example using high-dimensional data*. Available at SSRN 3592088.

Cheng, W., Carlin, P., Carroll, J., Gupta, S., Rojas, F.L., Montenovo, L., Nguyen, T.D., Schmutte, I.M., Scrivner, O., Simon, K.I., & Wing, C. (2020). *Back to Business and (Re) employing Workers? Labor Market Activity During State COVID-19 Reopenings* (No. w27419). National Bureau of Economic Research. To be revised and resubmitted to *Industrial and Labor Relations Review*.

Montenovo, L., Simon, K., & Wing, C. (2020). *How Do New Social Programs Affect Federal Transfers to Local Areas? The Case of Medicaid Expansion under the Affordable Care Act*. Under review.

Ziedan, E., Simon, K.I. & Wing, C. (2020). *Effects of State COVID-19 Closure Policy on Non-COVID-19 Health Care Utilization* (No. w27621). National Bureau of Economic Research. Under review.

Rojas, F. L., Jiang, X., Montenovo, L., Simon, K. I., Weinberg, B. A., & Wing, C. (2020). *Is the Cure Worse than the Problem Itself? Immediate Labor Market Effects of COVID-19 Case Rates and School Closures in the US* (No. w27127). National Bureau of Economic Research. Under review.

### **Peer reviewer**

*Quarterly Journal of Economics, American Journal of Health Economics, Journal of Health Economics, Health Economics, Journal of Policy Analysis and Management, Journal of Labor Economics, Journal of Human Resources, Demography, Political Analysis, Journal of the American Statistical Association, Evaluation Review, Public Administration Review, Population Research and Policy Review, Review of Economics of the Household, B.E. Journal of Economic Analysis and Policy, American Journal of Public Health, Obesity*

### **Academic awards**

Reviewer of the Year (2025) – American Journal of Health Economics

Trustees Teaching Award (2022) Indiana University

Syracuse University Doctoral Award (2011)

Maxwell School of Citizenship and Public Affairs Doctoral Dissertation Award (2011)

Canadian Association of Programs in Public Administration National Student Award (2005)

Ian MacDonald Essay Prize (2005)

Ontario Graduate Scholarship (2005 to 2006)

Carleton University M.A. Scholarship (2004 to 2005)

Ian MacDonald Essay Prize (2004)

Charlatan Literary Supplement Short Story Prize (2004)

Carleton University Dean's Honour List (2003)  
Claude Bissel Scholarship (2003)  
Carleton University Entrance Scholarship (2000)

## **Grant Proposals Under Review**

*Extended Medicaid Eligibility and Maternal Health*  
PI Coady Wing and Dan Sacks (MPI)  
National Institute for Child Health and Human Development, R01HD116168-01  
(Under Review)

## **Funded projects**

*Medicaid Managed Care Coverage and Utilization Management for Opioid Use Disorder*  
Co-investigator (PI Christina Andrews and Colleen Grogan)  
Funded by the National Institute on Drug Abuse, R01DA052425, \$2,830,847 (IU \$165,343)  
Funding duration: July 1, 2021, to June 30, 2025

*Treatment for Alcohol Use Disorder in Medicaid Managed Care*  
Co-investigator (PI Christina Andrews and Amanda Abraham)  
Funded by the National Institute of Alcohol Abuse and Alcoholism, R01AA029097, \$3,352,468 (IU \$99,966).  
Funding duration: May 1, 2021, to April 30, 2025

*Veteran Socioeconomic Status: Development and Validation of a Novel Measure to Support a Learning Healthcare System*  
Co-investigator (PI Elizabeth Tarlov)  
Funded by Veterans Affairs Health Services Research and Development  
Funding duration: January 1, 2018, to January 1, 2020

*Lessons on Effective Fraud Unit Practices: Evidence from Medicaid Fraud Control Units*  
Principal Investigator (with Victoria Perez, Ph.D.)  
Funded by the IBM Center for the Business of Government, \$20,000  
Funding duration: January 1 to December 31, 2018

*The Effects of Active Living Zoning Policies on Population Health*  
Co-investigator (PI Shannon Zenk)  
Funded by the Robert Wood Johnson Foundation, \$150,000 (IU \$9863.96)  
Funding duration: January 1 to December 31, 2018

*Does Routine Medical Care Improve Health and Reduce Costs Over The Long Term?*  
Principal Investigator  
Funded by the Public Policy Institute's Faculty Fellowship, Indiana University, \$25,000  
Duration of fellowship: July 1, 2017, to July 1, 2018

Environmental Attributes and Weight Control: Study of Over 1.3 Million Veterans.  
Co-investigator (PI Shannon Zenk and Elizabeth Tarlov)  
Funded by the National Cancer Institute (R01CA17272), \$2,357,770  
Funding duration: September 1, 2013, to September 1, 2017

*Improving VA Weight Management Outcomes: Role of the Residential Environment*  
Co-investigator (PI Elizabeth Tarlov)  
Funded by the Department of Veterans Affairs (IIR 13-085), \$1,065,545 (IU \$10,329)

Funding duration: October 1, 2014, to September 1, 2017

*Annual Workshops on Better Quasi-Experimental Design and Analysis*

Co-investigator (PI Thomas Cook)

Funded by the Institute for Education Sciences (R305B140029), \$955,941 (IU \$44,884)

Funding duration: June 1, 2016, to May 31, 2018

*Effects of Military Acquired Skills on Later Life Outcomes of Veterans*

Principal Investigator

Funded by the University of Illinois Campus Research Board, \$20,000

Funding duration: 1 year (funding declined after joining Indiana University Bloomington.)

## **Presentations**

### **2025**

Precision and Heterogeneity in Staggered Adoption Designs. Paper presented at APPAM. Seattle, WA.

What Makes a Great Synthetic Control Study? Paper presented at APPAM, Seattle, WA.

Do GLP-1 Medications Pay for Themselves? Paper presented at WHY Seattle Symposium on Policy Evaluation and Causal Inference. Seattle, WA

Do GLP-1 Medications Pay for Themselves? Paper presented at IQVIA Institute Forum. Boston, MA

Does Extended Postpartum Medicaid Coverage Reduce Uninsurance? Evidence from Pandemic Continuous Coverage Requirements Paper Presented at American Society of Health Economics. Nashville, TN

Scope of Practice Rules and the Nursing Pipeline. Paper Presented at American Society of Health Economics. Nashville, TN

Stacked Difference in Differences. Paper presented at research seminar, Rand Corporation. Washington, DC.

### **2024**

Stacked Difference in Differences. Paper presented at APPAM, Washington, DC

Direct and indirect effects of vaccines: Evidence from COVID-19. Paper presented at WHY DC Symposium on Policy Evaluation and Causal Inference.

Getting Started with Event Study Designs: Basic Concepts and New Innovations. Syracuse University Center for Aging Studies Methodology Workshop, Syracuse, NY

Stacked Difference in Differences. Paper presented at American Society of Health Economics, San Diego, CA.

### **2023**

Direct and Indirect Effects of Vaccines: Evidence from Covid-19 in Schools. Paper presented at the Midwest Health Economics Conference, Chicago, IL.

*Stacked Difference in Differences.* Paper presented at WHY Causal Inference, Park City, UT

Direct and Indirect Effects of Vaccines: Evidence from Covid-19 in Schools. Paper presented at the American Society of Health Economics, St Louis, MI

*State ACA Medicaid Expansions and the Medicaid Continuity of Coverage Rules During the Covid-19 Public Health Emergency.* Paper presented at the Association for Public Policy Analysis and Management, Atlanta, GA

## 2022

*Instrumental Variable Tests for Adverse Selection.* Paper presented at the Association for Public Policy Analysis and Management, Washington, DC.

Cancelled Care and Downstream Health: Evidence from Linked Data on Mortality and Electronic Health Record Data. Paper presented at the American Society of Health Economics, Austin, TX.

How Do People Value Covid-19 Risks: Evidence from Stated Preference Experiments. Paper presented at the American Society of Health Economics, Austin, TX.

Health Effects of Delayed Vaccination: Evidence from a Regression Discontinuity Design. Paper presented at the American Society of Health Economics, Austin, TX.

## 2021

Child Behavioral Health Diagnoses and Covid-19 School Closures. Paper presented at the Association for Public Policy Analysis and Management, Austin, TX

## 2020

*Social Distancing Policies as Reactions to the Covid-19 Pandemic.* Paper presented at the Association for Public Policy Analysis and Management, Washington, DC.

## 2019

*Effects of Marijuana Regulations on Drug Use in the General Population.* Paper presented at the American Society of Health Economics, Washington, DC.

*Synthetic Control Groups: An Introduction to Key Concepts, Recent Extensions, and a Hands-on Application.* Paper presented at the Workshop in Methods, Indiana University, Bloomington, IN.

*Effects of Marijuana Regulations on Drug Use in the General Population.* Paper presented at the Public Policy Seminar, University of Connecticut, Hartford, CT.

*Effects of Marijuana Regulations on Drug Use in the General Population.* Paper presented at the Economics Department Seminar, Miami University, Oxford, OH.

## 2018

*Rural Health and Obesity.* Paper presented at the Indiana University Rural Health Project Development Team, Indiana University, Bloomington, IN.

*Using Instrumental Variables to Interpret Experiments, Choice Experiments, and Survey Nonresponse.* Paper presented at the Workshop in Methods, Indiana University, Bloomington, IN.

*The Effect of Medicaid Fraud Enforcement on Nursing Home Quality.* Paper presented at the Association for Public Policy Analysis and Management, Washington, DC.

*Recruiting and Retaining Dental Labor in Federal Facilities: Harder than Pulling Teeth?* Paper presented at the American Society of Health Economists, Atlanta, GA.

*Effects of Medicaid Fraud and Patient Abuse Enforcement Efforts on Nursing Home Quality.* Paper presented at the American Society of Health Economists, Atlanta, GA.

*Central Planning and Market Based Reforms: Evidence from Ohio's Long-term Care Market.* Paper presented at the American Society of Health Economists, Atlanta, GA.

## 2017

*Effects of Pay Rigidity and Monopsony Power on Physician Labor Supply at the VA.* Paper presented at the Association for Policy Analysis and Management, Chicago, IL.

*Effects of Affirmative Action on the Composition of the Federal Civil Service: Evidence from the Veterans Preference Program.* Paper presented at the 10th Annual School of Public Management and Administration International Conference on Public Management and Administration, Pretoria, South Africa.

*Research Design Challenges and Evaluation of 1115 Demonstration Waivers.* Paper presented at the Academy Health §1115 Expansion and §1332 Waiver Evaluation Meeting, Washington, DC.

*Effects of Pay Rigidity and Monopsony Power on Physician Labor Supply at the VA.* Paper presented at the Economics Department Seminar, Louisiana State University, Baton Rouge, LA.

*Effects of Pay Rigidity and Monopsony Power on Physician Labor Supply at the VA.* Paper presented at the Western Economics Association International Conference, Santiago, Chile.

*Is Legal Marijuana a Substitute for Alcohol? Evidence from Recent Changes in Marijuana Regulation.* Paper presented at the Western Economics Association International Conference, Santiago, Chile.

## 2016

*Expanding Medicaid Managed Care for High-cost Sub-populations: Evidence from Illinois.* Paper presented at the Economics Department Seminar, Indiana University and Purdue University, Indianapolis, IN.

*Regression Discontinuity and Extensions.* Paper presented at the OPRE Methods Meeting—Building Strong Evidence in Challenging Contexts: Alternatives to Traditional Randomized Controlled Trials, Washington, DC.

*ACA Medicaid Enrollment Among Previously Eligible Adults: How Powerful Was the Welcome Mat?* Paper presented at the Association for Public Policy Analysis and Management, Washington, DC.

*Expanding Medicaid Managed Care for High-cost Sub-populations: Evidence From Illinois.* Paper presented at the American Society of Health Economists.

## **2015**

*Impact of Medicaid Managed Care Program on the State Cost and Medical Care Expenditures: Evidence from a Pilot Program in Illinois.* Paper presented at the Annual Meeting of the American Public Health Association, Chicago, Illinois.

*Effects of Pharmacy Based Immunization on Influenza Vaccination Rates: Evidence from State Level Regulatory Changes.* Paper presented at the International Health Economics Association, Milan, Italy.

*Distributional Consequences of High Deductible Health Plans: Evidence from Voluntary and Mandatory Adoptions in Small and Medium-sized Firms.* Paper presented at the International Health Economics Association, Milan, Italy.

*Do Schools Respond to Pressure? Evidence from NCLB Implementation Details.* Paper presented at the Association of Public Policy Analysis and Management, Miami, FL.

## **2014**

*Using Skill Channeling Experiments to Identify the Long-term Effects of Military Acquired Skills: Evidence from the Enlistment Bonus Experiment.* (2014). American Economics Association.

*Are Difference in Difference and Interrupted Time Series Methods an Effective Way to Study the Causal Effects of Changes in Health Insurance Plans? Evidence From Within Study Comparisons.* Paper presented at the American Society of Health Economists.

## **2013**

*Effects of Occupational Regulations on the Cost of Dental Services: Evidence from Dental Insurance Claims.* Paper presented at the Health Economics Workshop, Center for Health and the Social Sciences, University of Chicago, Chicago, IL.

*Are Difference in Difference and Interrupted Time Series Methods an Effective Way to Study the Causal Effects of Changes in Health Insurance Plans? Evidence from Within Study Comparisons.* Paper presented at the Association of Public Policy Analysis and Management.

## **2012**

*Effects of Occupational Regulations on the Prices of Medical Services Commonly Provided by Advanced Practice Nurses.* Paper presented at the American Economics Association.

*Effects of Occupational Regulations on the Cost of Dental Services: Evidence from Dental Insurance Claims.* Paper presented at the Institute for Government and Public Affairs, University of Illinois at Chicago, Chicago, IL.

*Effects of Occupational Regulations on the Cost of Dental Services: Evidence from Dental Insurance Claims.* Paper presented at the Upjohn Institute Workshop.

*Do Occupational Regulations Make Dental Services More Expensive?* Paper presented at the American Society for Health Economics, Minneapolis, MN.

## **2011**

*Using Comparison Groups to Extrapolate from the Regression Discontinuity Design.* Paper presented at the Society for Educational Effectiveness.

*Do Occupational Regulations Make Dental Services More Expensive? Evidence From Private Insurance Claims.* Paper presented at the Canadian Economics Association.

## **2010**

*Voluntary Counseling and Testing in Malawi: What Can We Learn from an Incentive Based Experiment?* Paper presented at the American Society of Health Economists.

*Voluntary Counseling and Testing in Malawi: What Can We Learn from an Incentive Based Experiment?* Paper presented at the Canadian Economics Association.

## **2009**

*Military Service and Later Labor Force Outcome: A Life Course Approach.* Paper presented at the Population Association of America.

*How Does Citizenship Affect Immigrant Outcomes: Evidence From the EU SILC.* Paper presented at the Canadian Economics Association.

## **2008**

*The Effect of Maternal Work on Adolescent Educational Outcomes in 41 Countries.* Paper presented at the Canadian Economics Association.

## **2007**

*Does Written Informed Consent Reduce HIV Testing? Evidence From a Natural Experiment.* Paper presented at the Canadian Economics Association.

## **2006**

*The Role of Online Communication and Information Disclosure in Social and Commons Dilemmas.* Paper presented at the Canadian Economics Association.

## **Service**

Faculty Annual Report Committee, Paul H. O'Neill School of Public and Environmental Affairs, Indiana University (2019 to present)

Workshop in Methods Advisory Board, Indiana University (2018 to 2020)

Social Policy Faculty Search Committee, School of Public and Environmental Affairs, Indiana University (2018)

Ph.D. Program Committee, School of Public and Environmental Affairs, Indiana University (2016 to present)

Ad Hoc Committee on Peer Teaching Evaluation, School of Public and Environmental Affairs, Indiana University (2016)

Ph.D. Policy Analysis Field Committee, School of Public and Environmental Affairs, Indiana University (2014 to present)

Workshop In Methods, Indiana University (2014)

Faculty Council's Subcommittee on Faculty Compensation and Benefits Committee, Indiana University (2014)

Social Policy Faculty Search Committee, School of Public and Environmental Affairs, Indiana University (2014)

Master of Public Health Committee, School of Public Health, Department of Health Policy and Administration, University of Illinois at Chicago (2013 to 2014)

Ph.D. Committee, School of Public Health, Department of Health Policy and Administration, University of Illinois at Chicago (2012 to 2014)

Committee on Committees, School of Public Health, Department of Health Policy and Administration, University of Illinois at Chicago (2013 to 2014)

School of Public Health Strategic Planning (Strategic Thinking Group on Research) School of Public Health, Department of Health Policy and Administration, University of Illinois at Chicago (2013)

## **Teaching experience**

## Econometrics (Ph.D.)—Indiana University

Public Program Evaluation (B.A., M.A., and Ph.D.)—Indiana University

Public Programs: Theory and Evidence (Ph.D.)—Indiana University

Regression Analysis (M.A.)—Indiana University

Research Design for Causal Inference (B.A)—University of Illinois at Chicago

Health and Social Policy (B.A.)—University of Illinois at Chicago

Health Economics (B.A)—Future Professoriate Program Teaching Associate, Maxwell School of Citizenship and Public Affairs, Syracuse University (Mentor: Deborah Freund)

History of Economic Thought (B.A.)—Teaching Assistant, Arthur Kroeger College of Public Affairs, Carleton University

#### **Other professional experience (before Ph.D.)**

2006 to 2010 Graduate Associate, Syracuse University  
Syracuse, New York  
Professors Douglas Wolf, Timothy Smeeding, and Deborah Freund

2005 to 2006 Research Assistant, COOL Research Data Center  
Carleton University and University of Ottawa  
Ottawa, Canada  
Professor Jennifer Stewart

2004           Junior Analyst, Environment Canada  
                 Ottawa, Canada

2002 to 2003   Junior Analyst, Fisheries and Oceans Canada  
                 Ottawa, Canada

2002 to 2002   Junior Analyst, Industry Canada  
                 Ottawa, Canada