

## **COADY WING**

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

Indiana University

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Bloomington, IN47405

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### **ACADEMIC APPOINTMENTS**

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

Associate Professor 2019 - Present

Assistant Professor 2014 - 2019

School of Public Health, University of Illinois at Chicago

Assistant Professor 2012 - 2014

Institute for Policy Research, Northwestern University

Postdoctoral Fellow 2010 - 2011

### **EDUCATION**

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

Public Administration

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

Public Policy and Administration

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

Public Affairs and Policy Management

### **PUBLICATIONS**

#### *Journal Articles*

1. Zenk, S., Tarlov, E., Wing, C., Slater, S., Jones, K., Fitzgibbon, M., Powell, L. (Forthcoming) "Does the Built Environment Influence the Effectiveness of Behavioral Weight Management Interventions? *Preventive Medicine*.
2. Bullinger, L., and Wing, C. (Forthcoming) "How Many Children Live With Adults With Opioid Use Disorder?" *Child and Youth Services Review*.
3. Tarlov, E., Silva, A., Wing, C., Slater, S., Matthews, S., Jones, K., and Zenk, S. (Forthcoming) Neighborhood Walkability and Body Mass Index Change: A National Study of Veterans in Large Urban Areas. *Obesity*.
4. Li, D., Richards, M., and Wing, C. (Forthcoming) "Economic Downturns and Nurse Attachment to Federal Employment" *Health Economics*.

5. Perez, V. and Wing, C. (Forthcoming) Should We Do More To Police Medicaid Fraud? Evidence on the Intended and Unintended Consequences of Expanded Enforcement. *American Journal of Health Economics*.
6. Wing, C. (Forthcoming) What Can Instrumental Variables Tell Us About Missing Data in Household Surveys and Political Polls? *Political Analysis*
7. Yamaki, K., Wing, C., Mitchell, D., Owen, R., and Heller, T. (Forthcoming) Health Service Utilization and State Costs Among Adults Aging with Early-acquired Physical Disabilities in Medicaid Managed Care. *Journal of Aging and Health*
8. Yamaki, K., Wing, C., Mitchell, D., Owen, R., and Heller, T. (Forthcoming) Impact of Medicaid Managed Care on Health Care Utilization among Adults with Intellectual and Developmental Disabilities. *Intellectual and Developmental Disabilities*.
9. Slater, S., Wing, C., Jones, K., Matthews, S, Tarlov, E, and Zenk, S. (Forthcoming) Would Increasing Access to Recreational Places Promote Healthier Weights and a Healthier Nation? *Health and Place*
10. Tarlov, E., Wing, C., Gordon, H., Matthews, S., Jones, K., Powell, L., and 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
11. Zenk, S., Tarlov, E., Wing, C., Matthews, S., Tong, H., Jones, K., and 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.
12. Wing, C., and Bello-Gomez, R. (2018). Regression Discontinuity and Beyond: Options For Studying External Validity in and Internally Valid Design. *American Journal of Evaluation* 39(1): 91-108
13. Yamaki, K., Wing, C., Mitchell, D., Owen, R., and 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.
14. Wing, C., Simon, K., and Bello-Gomez, R. (2018) Designing Difference in Difference Studies: Best Practices for Public Health Research. *Annual Review of Public Health* 39(1): 453-469.
15. DeFlorio-Barker, S., Wing, C., Jones, RM., Dorevitch, S., (2018) Estimate of the Incidence and Cost of Recreational Waterborne Illness on United States Surface Waters. *Environmental Health* 17(3): 1-10.
16. Zenk SN, 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.
17. Wong, V, Wing, C, Martin, D, and 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

18. Zenk, S., Tarlov, E., Wing, C, Matthews, SA., Jones, KM., 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
19. Tarlov, E., Zenk, S., Matthews, SA., Powell, LM., Jones, KM., Slater, S., Wing, C. (2017) Neighborhood Resources to Support Health Diets and Physical Activity Among US Military Veterans. *Preventing Chronic Disease* 14(E111): 1-14
20. Wing, C and Clark, MH. (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.
21. 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.
22. Wong, V., and Wing, C. (2016) The Regression Discontinuity Design and the Social Corruption of Quantitative Indicators. *Observational Studies* 2: 183-209.
23. Kleiner, M., Marier, A., Park, KW., and Wing, C. (2016) Relaxing Occupational Licensing Requirements: Analyzing Wages and Prices for a Medical Service. *Journal of Law and Economics* 59(2): 261-291.
24. McConeghy, K.W., and Wing, C. (2016) A National Examination of Pharmacy-based Immunization Statutes and Their Association with Influenza Vaccinations and Preventive Health. *Vaccine* 34: 3463-3468
25. Chon, WJ., Desai, A., Wing, ., C Arwindekar, D; Tang, I., Josephson, M., and 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: 204-216.
26. Bress, A., Kittles, R., Wing, C., Hooker, S., and 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
27. Wing, C., and 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
28. Armenia, A, Gerstel, N, and Wing, C (2014) Workplace compliance with the law: the case of the Family and Medical Leave Act. *Work and Occupations* 41(3): 277-304
29. McConeghy, K, Bress, A, Quato, D, Wing, C, and 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

30. Wing, C., and 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.
31. McConeghy, K; Bress, A., and 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\_S)
32. 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., and 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.
33. Cook, T.D., and Wing, C. (2012). Making MTO health results more relevant to current housing policy: Next steps. *Cityscape* 14(2):169-180.
34. 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**

35. Wolf, D.A., Wing, C., and 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). New York: Routledge.
36. 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). Hoboken, NJ: John Wiley & Sons, Inc.
37. Hallberg, K., Wing, C., Wong, V.C., and 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). New York: Oxford University Press.
38. Smeeding, T.M., Robson, K., Wing, C., and 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). New York: Cambridge University Press.
39. Smeeding, T.M., Wing, C., and 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 and R. Takanishi (Eds.), *Immigration, Diversity, and Education* (pp. 26-47). New York & London: Routledge/Taylor and Francis Group.
40. Wing, C and Schott, S. (2006) Information Disclosure as an Environmental Policy Instrument and Self-regulatory Tool. In Doern, G.B (eds.) *Innovation, Science, Environment: Policies and Practices* (pp 213-232, 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). Submitted to the Illinois Department of Public Health and 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., and Wing C. (2014). An Independent Evaluation of the Integrated Care Program: Findings from the Baseline through Year Two (FY13). 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., and 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

## **FUNDED PROJECTS**

VA Health Services Research and Development  
Veteran Socioeconomic Status: Development and Validation of a Novel Measure to Support a Learning Healthcare System  
Funded for Two Years: 01/01/2018-01/01/2020  
Role: Co-Investigator

IBM Center for the Business of Government  
Lessons on Effective Fraud Unit Practices: Evidence From Medicaid Fraud Control Units  
Funded for One Year: 01/01/2018 – 12/31/2018  
Total Cost: \$20,000  
Role: Co-PI with Victoria Perez

Robert Wood Johnson Foundation  
The Effects of Active Living Zoning Policies on Population Health  
Funded for One Year: 01/01/2018 – 12/31/2018  
Total Cost: \$150,000  
Role: Co-Investigator (PI Sandy Slater and Shannon Zenk)

PPI Faculty Fellowship Indiana University Public Policy Institute  
Does Routine Medical Care Improve Health and Reduce Costs Over The Long Term?  
One Year Fellowship (01/07/2017 TO 01/07/2018)  
Total Cost: \$25,000  
Role: Principal Investigator

R01CA172726 NIH/National Cancer Institute  
Environmental Attributes and Weight Control: Study of Over 1.3 Million Veterans.  
Funded for Four Years: 01/09/2013 to 01/09/2017  
Total Cost: \$2,357,770  
Co-Investigator. (PI E. Tarlov and S. Zenk)

IIR 13-085 Department of Veterans Affairs  
Improving VA Weight Management Outcomes: Role of the Residential Environment  
Funded For Three Years: 01/10/2014 to 01/09/2017  
Total Direct Cost: \$1,065,545  
Total Costs: N/A (VA Indirect Formula is not disclosed).  
Co-Investigator. (PI: E. Tarlov)

R305B140029 Institute for Education Sciences.  
Annual Workshops on Better Quasi-Experimental Design and Analysis  
Funded For Three Years: 06/01/2016 to 05/31/2018  
Total Cost: \$955,941  
Co-Investigator. (PI: T. Cook.)

University of Illinois Campus Research Board.  
Effects of Military Acquired Skills on Later Life Outcomes of Veterans  
Funded for 1 Year (Declined Funding After Joining IUB).  
Total Cost: \$20,000  
Principal Investigator.

## **PRESENTATIONS**

### **2019**

Effects of Marijuana Regulations on Drug Use In The General Population. (2019). American Society of Health Economics. Washington, DC.

Synthetic Control Groups: An Introduction To Key Concepts, Recent Extensions, and a Hands-On Application. Workshop In Methods, Indiana University. Bloomington, IN.

Effects of Marijuana Regulations on Drug Use In The General Population. (2019). Public Policy Seminar, University of Connecticut. Hartford, CT.

Effects of Marijuana Regulations on Drug Use In The General Population. (2019). Economics Department Seminar, Miami University. Oxford, OH.

### **2018**

Rural Health and Obesity. (2018) Indiana University Rural Health Project Development Team. Indiana University. Bloomington, IN.

Using Instrumental Variables To Interpret Experiments, Choice Experiments, and Survey Nonresponse. (2018) Workshop In Methods. Indiana University. Bloomington, IN

The Effect of Medicaid Fraud Enforcement on Nursing Home Quality. (2018) Association for Public Policy Analysis and Management. Washington, DC

Recruiting and Retaining Dental Labor in Federal Facilities: Harder than Pulling Teeth? (2018) American Society of Health Economists. Atlanta, GA

Effects of Medicaid Fraud and Patient Abuse Enforcement Efforts on Nursing Home Quality (2018) American Society of Health Economists. Atlanta, GA

Central Planning and Market Based Reforms: Evidence From Ohio's Long-Term Care Market (2018) American Society of Health Economists. Atlanta, GA

## **2017**

Effects of Pay Rigidity and Monopsony Power on Physician Labor Supply at the VA. (2017) 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. (2017) 10<sup>th</sup> Annual SPMA International Conference on Public Management and Administration. Pretoria, South Africa.

Research Design Challenges and Evaluation of 1115 Demonstration Waivers. (2017) 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. Economics Department Seminar. (2017) Louisiana State University. Baton Rouge, LA.

Effects of Pay Rigidity and Monopsony Power on Physician Labor Supply at the VA. (2017) Western Economics Association International Conference. Santiago, Chile.

Is Legal Marijuana A Substitute For Alcohol? Evidence From Recent Changes in Marijuana Regulation. (2017) Western Economics Association International Conference. Santiago, Chile.

## **2016**

Expanding Medicaid Managed Care For High Cost Sub-Populations: Evidence From Illinois. (2016) Indiana University Purdue University Indianapolis. Economics Department Seminar.

Regression Discontinuity and Extensions. (2016) OPRE Methods Meeting --- Building Strong Evidence in Challenging Contexts: Alternatives to Traditional Randomized Controlled Trials.

ACA Medicaid Enrollment Among Previously Eligible Adults: How Powerful Was The Welcome Mat? (2016) Association For Public Policy Analysis and Management.

Expanding Medicaid Managed Care For High Cost Sub-Populations: Evidence From Illinois. (2016) 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. (2015) Annual Meeting of the American Public Health Association. Chicago, IL.

Effects of Pharmacy Based Immunization on Influenza Vaccination Rates: Evidence From State Level Regulatory Changes. (2015) 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.(2015) International Health Economics Association, Milan Italy.

Do Schools Respond to Pressure? Evidence from NCLB Implementation Details. (2015) 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. (2014) American Society of Health Economists

## **2013**

Effects of Occupational Regulations on the Cost of Dental Services: Evidence from Dental Insurance Claims. (2013) Health Economics Workshop, Center for Health and the Social Sciences. University of Chicago.

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. (2013) Association of Public Policy Analysis and Management.

## **2012**

Effects of Occupational Regulations on the Prices of Medical Services Commonly Provided By Advanced Practice Nurses (2012) American Economics Association

Effects of Occupational Regulations on the Cost of Dental Services: Evidence from Dental Insurance Claims. (2012) Institute for Government and Public Affairs, University of Illinois at Chicago.

Effects of Occupational Regulations on the Cost of Dental Services: Evidence from Dental Insurance Claims. (2012) Upjohn Institute Workshop.

Do Occupational Regulations Make Dental Services More Expensive? (2012) American Society for Health Economics, Minneapolis, MN

## **2011**

Using Comparison Groups To Extrapolate From The Regression Discontinuity Design (2011) Society for Educational Effectiveness.

Do Occupational Regulations Make Dental Services More Expensive? Evidence From Private Insurance Claims (2011) Canadian Economics Association 2011,

## **2010**

Voluntary Counseling and Testing In Malawi: What Can We Learn From An Incentive Based Experiment? (2010) American Society of Health Economists.



Voluntary Counseling and Testing In Malawi: What Can We Learn From An Incentive Based Experiment? (2010) Canadian Economics Association

### **2009**

Military Service and Later Labor Force Outcome: A Life Course Approach. (2009) Population Association of America.

How Does Citizenship Affect Immigrant Outcomes: Evidence From The EU SILC.(2009) Canadian Economics Association.

### **2008**

The Effect of Maternal Work On Adolescent Educational Outcomes In 41 Countries. (2008) Canadian Economics Association

### **2007**

Does Written Informed Consent Reduce HIV Testing? Evidence From a Natural Experiment. (2007) Canadian Economics Association.

### **2006**

The Role of Online Communication and Information Disclosure in Social and Commons Dilemmas. (2006) Canadian Economics Association.

### **PEER REVIEWER**

*Journal of Policy Analysis and Management, Journal of Health Economics, Demography, Political Analysis, Journal of Labor Economics, Journal of the American Statistical Association, Health Economics, 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**

2011 Syracuse University Doctoral Award  
2011 Maxwell School Doctoral Dissertation Award  
2005 Canadian Association of Programs in Public Administration National Student Award  
2005 Ian MacDonald Essay Prize  
2005-2006 Ontario Graduate Scholarship  
2004-2005 Carleton University M.A. Scholarship  
2004 Ian MacDonald Essay Prize  
2004 Charlatan Literary Supplement Short Story Prize  
2003 Carleton University Dean's Honour List  
2003 Claude Bissel Scholarship  
2000 Carleton University Entrance Scholarship

### **SERVICE**

Indiana University Workshop in Methods Advisory Board (2018 – 2020)

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

SPEA Public Affairs PhD Program Committee (2016-present) – SPEA, Indiana University

SPEA Ad Hoc Committee on Peer Teaching Evaluation (2016) – SPEA, Indiana University

SPEA PhD Policy Analysis Field Committee (2014-present) – SPEA, Indiana University.

Indiana University Workshop In Methods (2014)

Indiana University Faculty Council's Sub-Committee on Faculty Compensation and Benefits Committee (2014) – Indiana University.

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

MPH Committee (2013-2014)– University of Illinois at Chicago, School of Public Health, Department of Health Policy and Administration

PhD Committee (2012-2014)– University of Illinois at Chicago, School of Public Health, Department of Health Policy and Administration

Committee on Committees (2013-2014) – University of Illinois at Chicago, School of Public Health

School of Public Health Strategic Planning (Strategic Thinking Group on Research) (2013) – University of Illinois at Chicago, School of Public Health

## **TEACHING EXPERIENCE**

Econometrics (Phd Level) -- Indiana University

Public Program Evaluation (Undergraduate, Masters, and PhD Level) -- Indiana University

Public Programs: Theory and Evidence (PhD Level) – Indiana University

Regression Analysis (MPA Level)– Indiana University

Research Design for Causal Inference – University of Illinois at Chicago

Health and Social Policy – University of Illinois at Chicago

Health Economics -- Future Professoriate Program Teaching Associate  
Syracuse University -- Maxwell School of Citizenship and Public Affairs  
Mentor: Deborah Freund

**History of Economic Thought** -- Teaching Assistant  
Carleton University -- Arthur Kroeger College of Public Affairs

**EMPLOYMENT HISTORY (Before PhD)**

|                               |  |
|-------------------------------|--|
| September 2006 – 2010         | Graduate Associate -- Syracuse University<br>Syracuse, NY<br>Professors Douglas Wolf, Timothy Smeeding, and<br>Deborah Freund                |
| May 2005 – August 2006        | Research Assistant – COOL Research Data Center<br>Carleton University & University of Ottawa Ottawa,<br>Canada<br>Professor Jennifer Stewart |
| January 2004 – September 2004 | Junior Analyst – Environment Canada<br>Ottawa, Canada  |
| October 2002 – August 2003    | Junior Analyst -- Fisheries and Oceans Canada<br>Ottawa, Canada  |
| May 2002 – August 2002        | Junior Analyst -- Industry Canada<br>Ottawa, Canada  |