

# Alex Hollingsworth

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## Academic appointments

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### **The Ohio State University**, Columbus, OH

Associate Professor  
Department of Agricultural, Environmental, and Development Economics 2023 -  
Department of Economics (joint appointment) 2023 -  
John Glenn College of Public Affairs (joint appointment) 2023 -

### **Indiana University**, Bloomington, IN

Associate Professor, O'Neill School of Public and Environmental Affairs 2021 - 2023  
Assistant Professor, O'Neill School of Public and Environmental Affairs 2015 - 2021

## Current professional appointments

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### **National Bureau of Economic Research**

Research Associate 2022 -

### **Journal of Policy Analysis and Management**

Co-Editor 2022 -

### **Journal of Health Economics**

Editor 2024 -

## Education

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### **University of Arizona**, Tucson, AZ

*Ph.D.*, Economics 2015

*M.A.*, Economics 2011

### **Miami University**, Oxford, OH

*B.S.*, *Quantitative Economics* 2009

*B.A.*, *Diplomacy and Foreign Affairs* 2009

## Working papers:

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- Hollingsworth, Alex., Chris Karbownik, Melissa Thomasson, and Anthony Wray. "The gift of a lifetime: the hospital, modern medicine, and mortality." Conditionally accepted at the **American Economic Review**.
- Hollingsworth, Alex., Taylor Jaworski, Carl Kitchens, and Ivan Rudik. "Economic geography and the efficiency of environmental regulation." Revisions requested at **Journal of Political Economy: Microeconomics**.
- Freedman, Seth., Alex Hollingsworth, Kosali Simon, Coady Wing, and Madeline Yozwiak. "Designing difference in difference studies with staggered treatment adoption: Key concepts and practical guidelines." Revisions requested the **Annual Review of Public Health**.
- Clay, Karen., Alex Hollingsworth, and Edson Severnini. "The impact of lead exposure on fertility, infant mortality, and infant birth outcomes." Revisions requested at **Review of Environmental Economics and Policy**.
- Wing, Coady. Alex Hollingsworth, and Seth Freedman. "Stacked difference-in-differences."
- Hollingsworth, Alex., and Coady Wing. "Tactics for design and inference in synthetic control studies: An applied example using high-dimensional data."

## Publications

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18. Hollingsworth, Alex., Mike Huang, Ivan Rudik, and Nick Sanders. Forthcoming. "A thousand cuts: Cumulative lead exposure and academic achievement." **Journal of Human Resources**  
DOI: <https://doi.org/10.3368/jhr.0222-12169R2>  
(Earlier version released as NBER Working Paper No. 28250)
17. Ziropiannis, Nikos., April Byrne, Alex Hollingsworth, and David Konisky. 2023. "Polluting under the radar: Emissions, inequality, and concrete batch plants in Houston." **Environmental Science & Technology**.  
DOI: <https://doi.org/10.1021/acs.est.3c04412>
16. Hollingsworth, Alex., David Konisky and Nikolaos Ziropiannis. 2023. "Excess emissions: Environmental impacts, health effects, and policy debate." **Review of Environmental Economics and Policy**.  
DOI: <https://doi.org/10.1086/723885>
15. Hollingsworth, Alex., Ashley Bradford and Coady Wing. 2022. "Comparative effects of recreational and medical marijuana laws on drug use among adults and adolescents." **Journal of Law and Economics**.  
DOI: <https://doi.org/10.1086/721267>.
14. Black, Bernard., Alex Hollingsworth, Letícia Nunes, and Kosali Simon. 2022. "Simulated Power Analyses for Observational Studies: An Application to the Affordable Care Act Medicaid Expansion." **Journal of Public Economics**., Volume 213, 104713.  
DOI: [10.1016/j.jpubeco.2022.104713](https://doi.org/10.1016/j.jpubeco.2022.104713)  
(Earlier version released as NBER Working Paper No. 25568)
13. Hollingsworth, Alex, and Ivan Rudik. 2021. "The Effect of Leaded Gasoline on Elderly Mortality: Evidence from Regulatory Exemptions." **American Economic Journal: Economic Policy**, 13 (3): 345-73.  
DOI: [10.1257/pol.20190654](https://doi.org/10.1257/pol.20190654).
12. Hollingsworth, Alex., David Konisky, and Nikos Ziropiannis. 2021. "The health consequences of excess emissions: Evidence from Texas." **Journal of Environmental Economics and Management**. Volume 108 (102449)  
DOI: [10.1016/j.jeem.2021.102449](https://doi.org/10.1016/j.jeem.2021.102449)
11. Sacks, Dan., Alex Hollingsworth, Thuy Nguyen, and Kosali Simon. 2021. "Can policy affect initiation of addictive substance use? Evidence from opioid prescribing." **Journal of Health Economics**. Volume 76. 102397.  
DOI: [10.1016/j.jhealeco.2020.102397](https://doi.org/10.1016/j.jhealeco.2020.102397).  
(Earlier version released as NBER Working Paper No. 25974)
10. Ziropiannis, Nikos., Daniel Simon, and Alex Hollingsworth. 2020. "Estimating co-pollutant benefits from climate change policies in the electricity sector: An empirical approach." **Energy Economics**. Volume 90, August 2020, 104863.  
DOI: [10.1016/j.eneco.2020.104863](https://doi.org/10.1016/j.eneco.2020.104863)
9. Wing, Coady., Ashley Bradford, Aaron Carroll, and Alex Hollingsworth. 2020. "Association of state marijuana legalization policies for medical and recreational use and vaping associated lung disease." **JAMA: Network Open**. 3(4): e202187.  
DOI: [10.1001/jamanetworkopen.2020.2187](https://doi.org/10.1001/jamanetworkopen.2020.2187).
8. Wen, Hefei., Aparna Soni, Alex Hollingsworth, Seth Freedman, Joe Benitez, Kosali Simon, and Brendan Saloner. 2020. "Changes in Opioid-Related Hospital Use with Expansion of Medicaid." **JAMA: Internal Medicine**. 180(5): 1-7.  
DOI: [10.1001/jamainternmed.2020.0473](https://doi.org/10.1001/jamainternmed.2020.0473).
7. Hollingsworth, Alex., Kranz, Ashley., and Debbie Freund. 2020. "Care management reduced infant mortality for Medicaid managed care enrollees in Ohio." **American Journal of Managed Care**. 26(3):294-298  
DOI: [10.37765/ajmc.2020.42637](https://doi.org/10.37765/ajmc.2020.42637).

6. Lin, Lee-Kai., Simon, Kosali., Hollingsworth, Alex., and Brendan Saloner. 2019. "Association between the Number of Certified Buprenorphine Prescribers and the Quantity of Buprenorphine Prescriptions: Evidence from 2015 to 2017." **Journal of General Internal Medicine**. 34. Pages 2313–2315. DOI: 10.1007/s11606-019-05165-6
5. Hollingsworth, Alex., Soni, Aparna., Carroll, Aaron., Cawley, John., and Kosali Simon. 2019. "Gains in health insurance coverage explain variation in Democratic vote share in the 2008-2016 presidential elections." **PLoS ONE** 14(4): e0214206. DOI: 10.1371/journal.pone.0214206
4. Hollingsworth, Alex. and Ivan Rudik. 2019. "External Impacts of Local Energy Policy: The Case of Renewable Portfolio Standards." **Journal of the Association of Environmental and Resource Economists**. Volume 6, Number 1, Pages 187-213. DOI: 10.1086/700419
3. Zirogiannis, Nikos., Alex Hollingsworth, and David Konisky. 2018. "Understanding Excess Emissions from Industrial Facilities: Evidence from Texas." **Environmental Science & Technology**. Volume 52, Number 5, Pages 2482-2490. DOI: 10.1021/acs.est.7b04887
2. Hollingsworth, Alex., Ruhm, Christopher J., and Kosali Simon. 2017. "Macroeconomic Conditions and Opioid Abuse." **Journal of Health Economics**. Volume 56, Pages 222-233. DOI: 10.1016/j.jhealeco.2017.07.009. (Earlier version released as NBER Working Paper No. 23192)
1. Gordon, Paul., Gray, Laurel., Hollingsworth, Alex., Shapiro, Eve., and James Dalen. 2017. "Opposition to Obamacare: A Closer Look." **Academic Medicine**. Volume 92, Issue 9, Pages 1241-1247. DOI: 10.1097/ACM.0000000000001725.

Honorable Mention- Best Research Paper- Society of Teachers of Family Medicine, 2018

Non-refereed/non-academic publications:

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1. Nikos Zirogiannis, Alex Hollingsworth, and David Konisky, "Air pollution from industrial shutdowns and startups worse than thought," **The Conversation**, February 14, 2018.

Selected work in progress:

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1. "Public insurance expansions, HIV and risky behavior: The role of PrEP.." with Ben Harrell, Sam Mann, Shyam Raman, and Katherine Wen

Previous professional appointments

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Faculty Research Fellow, <b>National Bureau of Economic Research</b>	2021 - 2022
Senior Research Program Leader, Climate & Environment, <b>Irsay Institute</b>	2022 - 2023
Affiliated faculty, <b>Ostrom Workshop in Political Theory and Policy</b>	2018 - 2023
Adjunct Researcher, <b>RAND Corporation</b>	2016 - 2019

Fellowships, grants, honors, & awards:

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Faculty Research Support Program, Seed Funding, Indiana University (\$22,669) with Nikos Zirogiannis, David Konisky, and Gabe Filippelli	2021-
APPAM, 40 for 40 Fellowship Recipient	2018
Faculty Seed Grant, Center for Research on Race and Ethnicity in Society Grant, Indiana University (\$3,000) with Hsien-Chang Lin and Kosali Simon	2018
Grand Challenges: Responding to the Addictions Crisis Grant, Indiana University (\$226,712)	

with Hsien-Chang Lin, Dan Sacks, and Kosali Simon	2018
Trustees' Teaching Award, Indiana University (\$2,500)	2018
Exploratory Travel and Data Grant, Economic History Association (\$2,500)	2013
Don Wells Teaching Fellowship (\$1,000)	2014
Runner Up, Steve Manos Prize for best 2 <sup>nd</sup> Year Paper, University of Arizona	2012
Oxford Scholars Scholarship, Miami University	2005

Invited seminars and competitive conference presentations:

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2023: Marquette University, Department of Economics; Medtronic; University of Maryland, School of Public Policy; University of Texas at Austin, Environmental and Energy Economics and Policy Worksho; San Diego State University, Center for Health Economics & Policy Studies

2022: Environmental Protection Agency; Duke University, Triangle Health Economics Workshop; The Ohio State University, Department of Economics; Insper - Institute of Education and Research; Australian Health and Human Capital Seminar Series; The Ohio State University, Department of Agricultural, Environmental, and Development Economics; UC-Davis Agricultural and Resource Economics

2021: NBER Health Economics, Fall meeting; The Ohio State University, John Glenn College of Public Affairs; The Urban Institute; Florida State University, Department of Economics; Ohio University, Department of Economics

2020: Electronic Health Economics Colloquium (EHEC); NBER Environmental and Energy Economics Spring Meeting; University of Arizona, Department of Economics; AERE Session at AEA/ASSA Annual Meetings

2019: IU Mini Health Econ Conference; Annual Health Economics Conference; Environmental Protection Agency: National Center for Environmental Economics; ASHEcon, 8th Annual Conference; Miami University, Department of Economics; AERE Summer Conference; Midwest Health Economics Conference; University of Louisville, Department of Economics

2018 Heartland Environmental and Resource Economics Workshop; World Congress of Environmental and Resource Economists; ASHEcon, 7th Annual Conference; The Ohio State University, Department of Human Sciences; HERO Session at AEA/ASSA Annual Meeting

2017: IU/VU/Louisville Health Economics and Policy Conference; Association for Public Policy Analysis & Management, Annual Research Conference; European Association of Environmental & Resource Economists, Annual Meeting; Georgia State University, Andrew Young School of Policy Studies; AERE Session at AEA/ASSA Annual Meeting

2016: IU/VU Health Economics and Policy Conference; AcademyHealth Annual Research Meeting, Poster; ASHEcon Sixth Biennial Conference; AERE Summer Conference; Iowa State University, Department of Economics

2015: IU/VU Health Economics and Policy Conference; Heartland Environmental and Resource Economics Workshop, Poster; CU Environmental and Resource Economics Workshop; International Health Economics Association World Congress

2014: Southern Economic Association Annual Meetings; Economic History Association Annual Meetings, Poster; 5<sup>th</sup> Lindau Nobel Laureate Meeting on Economic Sciences, Attendee; University of Wisconsin - La Crosse, Department of Economics

2013: World Congress of Cliometrics

Referee service:

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Addiction; American Economic Journal: Economic Policy; American Economic Review; American Economic Review: Insights; American Journal of Health Economics; American Journal of Accountable Care; American Journal of Managed Care; Climatic Change; Contemporary Economic Policy; Demography; Drug and Alcohol Dependence; Economic Inquiry; Economics & Human Biology; Energy Journal; Forum for Health Economics & Policy; JAMA: Pediatrics; JAMA: Health Forum; JAMA: Network Open; Journal of the Association of Environmental and Resource Economists; Journal of Drug Issues; Journal of Economic Behavior and Organization; Journal of Environmental Economics and Management; Journal of Health Economics; Journal of Human Resources; Journal of Law & Economics; Journal of Labor Economics; Journal of Policy Analysis and Management; Journal of Public Economics; Journal of Public Health; Health Economics; Health Education & Behavior; Industrial Relations; International Journal of Public Sector Management; PNAS; PNAS: Nexus; Resource and Energy Economics; Review of Environmental Economics and Policy; Review of Economics of the Household; Review of Economic Studies; Social Science & Medicine; Sports Economic Review; World Medical and Health Policy.

Proposal review:

National Science Foundation  
Research Council of Norway

Teaching:

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The Ohio State University

ECON 1101: Using big data to solve economic and social problems	2023-
AEDECON 8220: Frontiers in health and environmental economics	2023-
PUBAFRS 3000: Public policy analysis	2023
AEDECON 6330: Cost-benefit analysis	2023

Indiana University

SPEA-H 124: Overview of the U.S. Health Care System	2015-2023
SPEA-H 455: Health Industry Regulation	2022
SPEA-H 524: Health Industry Regulation	2017-2023
SPEA-V 506: Statistical Analysis for Effective Decision Making	2018-2022
SPEA-P 764: Seminar in Policy Analysis	2021-2023

The University of Arizona

Economics 330: Macroeconomic and Global Institutions and Policy	2012
Economics 371: Economic Development	2013
Economics 323: The Economics of Sports	2014

Service:

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Professional

– ASHEcon Scientific Review Committee	2019-
– APPAM Program Committee	2019-
– APPAM Program Committee Chair	2023-
– NBER Summer Institute Organizer, Economics of Health Program	2023
– The Hidden Curriculum Podcast: Co-host and co-founder	2020-

Podcast aimed towards graduate students and junior faculty that cover topics not formally taught in graduate school, but that are important for professional success.

Ohio State University

– Strategic Planning and Budget Committee Member, John Glenn College	2023-
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- PhD Admissions committee member, John Glenn College 2023-  
Indiana University
- Teaching Task Force, Member 2019-
- Undergraduate Programs Advisory Committee, Member 2015-
- Peer Teaching Observation Committee, Member 2021-
- Undergraduate Curriculum Committee, Member 2016-
- Strategic Planning Committee, Member and sub-committee co-chair 2020-
- Policy Analysis & Public Finance Speaker Series, Organizer 2016-2020

Advising:

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Ad hoc

- AEA Mentoring Program Mentor 2023-
- AERE Scholars Program Mentor 2021-2022
- ASHEcon Mentor Program 2021-2022
- Association for Mentoring and Inclusion in Economics (AMIE) 2022-2023

Ohio State University

Doctoral

- \* Primary: Andrew Bergmann (2027)
- \* Committee member: Shinjini Pandey (2026)

Indiana University

Doctoral

- \* Committee Member: Zhengyan (Ian) Li (2020), Arthur Lin Ku (2020), Ashley Bradford (2023), Patrick Carlin (2023), Adam Lazri (2025), Trevor Memmott (2024), Madeline Yozwiak (2025), Eli Baratz (2025)

Undergraduate

- \* Shyam Raman (2020), Riley Melton (2022), Jenna DeVellis (2022), Evann Englert (2022), Nicholas Stevens (2023), Elizabeth McAvoy (2023), Eva Brungard (2024)

Other:

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Professional associations: American Economic Association, American Society of Health Economists, Association of Environmental and Resource Economists, Association for Public Policy Analysis and Management

Citizenship: U.S.

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*Last updated: 29 January 2024*