

# Alex Hollingsworth

## Address

O'Neill School of Public and Environmental Affairs  
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## Academic appointments:

Indiana University Bloomington

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

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

## Affiliations:

Faculty Research Fellow, National Bureau of Economic Research 2021 -

Affiliated Faculty, Ostrom Workshop in Political Theory and Policy 2018 -

Adjunct Researcher, RAND Corporation 2016 - 2019

## Education:

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

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## Working papers:

1. "The geography of environmental regulation: Welfare and distributional impacts of the Clean Air Act."  
with Taylor Jaworski, Carl Kitchens, and Ivan Rudik
2. "Tactics for design and inference in synthetic control studies: An applied example using high-dimensional data."  
with Coady Wing
3. "A thousand cuts: Cumulative lead exposure and academic achievement." Under review.  
with Mike Huang, Ivan Rudik, and Nick Sanders
4. "Excess emissions: Environmental impacts, health effects, and policy debate." Conditionally accepted at the **Review of Environmental Economics and Policy**.  
with David Konisky and Nikolaos Zirogiannis.
5. "Simulated Power Analyses for Observational Studies: An Application to the Affordable Care Act Medicaid Expansion." Conditionally accepted at the **Journal of Public Economics**.  
with Bernard Black, Leticia Nunes, and Kosali Simon

## Publications

1. “Comparative effects of recreational and medical marijuana laws on drug use among adults and adolescents.” Accepted at the **Journal of Law and Economics**.  
with Ashley Bradford and Coady Wing
2. 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.
3. Hollingsworth, Alex., David Konisky, and Nikos Zirogiannis. 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
4. 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.  
(Earlier version released as NBER Working Paper No. 25974)
5. Zirogiannis, 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
6. 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.
7. 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.
8. 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.
9. 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
10. 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
11. 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
12. 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

13. 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)
14. 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:**

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

#### **Selected work in progress:**

1. "The gift of a lifetime: Mortality effects of hospital funding and its complementaries."  
with Krzysztof Karbownik, Melissa Thomasson, and Anthony Wray
2. "Cognitive performance and air pollution: Evidence from India."  
with Patrick Carlin and Jamie Mullins.
3. "Public insurance expansions, HIV and risky behavior: The role of PrEP.."  
with Ben Harrell, Sam Mann, Shyam Raman, and Katherine Wen

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#### **Fellowships, grants, honors, & awards:**

Faculty Research Support Program, Seed Funding, Indiana University (\$22,669)	2021-
with Nikos Ziropiannis, David Konisky, and Gabe Filippelli	
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:**

2022: Ohio State University, Department of Economics; Insper - Institute of Education and Research; Australian Health and Human Capital Seminar Series

2021: NBER Health Economics, Fall meeting; 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; EPA 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; 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:**

Addiction; American Economic Journal: Economic Policy; American Journal of Health Economics; American Journal of Accountable Care; American Journal of Managed Care; Contemporary Economic Policy; Demography; Drug and Alcohol Dependence; Economic Inquiry; Economics & Human Biology; Energy Journal; Forum for Health Economics & Policy; JAMA: Pediatrics; JAMA: Network Open; Journal of the Association of Environmental and Resource Economists; Journal of Drug Issues; Journal of Environmental Economics and Management; Journal of Health Economics; 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; Review of Economic Studies; Social Science & Medicine; World Medical and Health Policy.

**Proposal review:**

National Science Foundation

**Teaching:**

Indiana University

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

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:**

Professional

- ASHEcon Scientific Review Committee 2019, 2020, 2021
- APPAM Program Committee 2019, 2020
- 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.

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:**

Doctoral

- Zhengyan (Ian) Li (2020), Arthur Lin Ku (2020), Eli Baratz (2023), Ashley Bradfrod (2023), Patrick Carlin (2023), Adam Lazri (2022)

Undergraduate

- Shyam Raman (2020), Riley Melton (2022), Jenna DeVellis (2022), Evann Englert (2022), Nicholas Stevens (2023), Elizabeth McAvoy (2023)

**Other:**

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: 3 March 2022*