

Alex Hollingsworth

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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	
<i>Ph.D.</i> , Economics	2015
<i>M.A.</i> , Economics	2011
Miami University, Oxford, OH	
<i>B.S.</i> , <i>Quantitative Economics</i>	2009
<i>B.A.</i> , <i>Diplomacy and Foreign Affairs</i>	2009

Working papers:

1. "The Impact of Public Insurance Expansions on the Use of Pre-Exposure Prophylaxis (PrEP) for HIV."
Under review.
with Shyam Raman, Dan Sacks, and Katherine Wen
2. "Lead exposure reduces academic performance: Intensity, duration, and nutrition matter."
with Mike Huang, Ivan Rudik, and Nick Sanders
3. "Comparative effects of recreational and medical marijuana laws on drug use among adults and adolescents." Revisions requested at the **Journal of Law and Economics**.
with Ashley Bradford and Coady Wing
4. "Tactics for design and inference in synthetic control studies: An applied example using high-dimensional data." Revisions requested at the **Review of Economics and Statistics**.
with Coady Wing
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. 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.
2. 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
3. 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)
4. 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
5. 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.
6. 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.
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.
8. 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
9. 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
10. 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
11. 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
12. 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)

13. 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. "Cognitive performance and air pollution: Evidence from India."
with Patrick Carlin and Jamie Mullins.
2. "A Gift of Health: The Duke Endowment's Impact on Health Care in the Carolinas, 1925- 1962".
with Krzysztof Karbownik, Melissa Thomasson, and Anthony Wray
3. "Retail Health Clinics: Emergency Department Diversion."
4. "Retail Health Clinics: Endogenous Location Choice".
5. "Controlling TB in a World without Antibiotics: Isolation and Education in North Carolina, 1932-1940".

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	
Universtiy (\$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 nd Year Paper, University of Arizona	2012
Oxford Scholars Scholarship, Miami University	2005

Invited seminars and competitive conference presentations:

Ohio State University, John Glenn College of Public Affairs, Presentation	2021
The Urban Institute	2021
Florida State University, Department of Economics	2021
Ohio University, Department of Economics	2021
Electronic Health Economics Colloquium (EHEC), Presentation	2020
NBER Environmental and Energy Economics Spring Meeting	2020
University of Arizona, Department of Economics, Presentation	2020
AERE Session at AEA/ASSA Annual Meetings, Presentation	2020
IU Mini Health Econ Conference, Presentation	2019
Annual Health Economics Conference, Presentation	2019
EPA National Center for Environmental Economics, Presentation	2019
ASHEcon, 8th Annual Conference, Presentation	2019

Miami University, Department of Economics, Presentation	2019
AERE Summer Conference, Presentation	2019
Midwest Health Economics Conference, Presentation	2019
University of Louisville, Department of Economics, Presentation	2019
Heartland Environmental and Resource Economics Workshop, Presentation	2018
World Congress of Environmental and Resource Economists, Presentation	2018
ASHEcon, 7th Annual Conference, Presentation	2018
Ohio State University, Department of Human Sciences, Presentation	2018
HERO Session at AEA/ASSA Annual Meetings, Presentation	2018
IU/VU/Louisville Health Economics and Policy Conference, Presentation	2017
Association for Public Policy Analysis & Management, Annual Research Conference, Presentation	2017
European Association of Environmental & Resource Economists, Annual Meeting, Presentation	2017
Georgia State University, Andrew Young School of Policy Studies, Presentation	2017
AERE Session at AEA/ASSA Annual Meetings, Presentation	2017
IU/VU Health Economics and Policy Conference, Presentation	2016
AcademyHealth Annual Research Meeting, Poster	2016
ASHEcon Sixth Biennial Conference, Presentation	2016
AERE Summer Conference, Presentation	2016
Iowa State University, Department of Economics, Presentation	2016
IU/VU Health Economics and Policy Conference, Presentation	2015
Heartland Environmental and Resource Economics Workshop, Poster	2015
CU Environmental and Resource Economics Workshop, Presentation	2015
International Health Economics Association World Congress, Presentation	2015
Southern Economic Association Annual Meetings, Presentation	2014
Economic History Association Annual Meetings, Poster Session	2014
5 th Lindau Nobel Laureate Meeting on Economic Sciences	2014
Selected and funded by the National Science Foundation	
University of Wisconsin - La Crosse, Presentation	2014
World Congress of Cliometrics, Presentation & Session Chair	2013

Referee service:

Addiction; American Economic Journal: Economic Policy; American Journal of Health Economics; 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 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-
- 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 Bradford (2023), Patrick Carlin (2023), Adam Lazri (2022)

Undergraduate

- Shyam Raman (2020)

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.

Last updated: 24 September 2021