

Shyam Raman

PHD CANDIDATE · CORNELL UNIVERSITY JEB E. BROOKS SCHOOL OF PUBLIC POLICY

+1 (219) 252 9934 | sr2297@cornell.edu | shyamkraman.com | [shyamkraman](https://www.linkedin.com/in/shyamkraman) | [shyamkraman](https://twitter.com/shyamkraman)

Education

Cornell University

DOCTOR OF PHILOSOPHY · PHD · PUBLIC POLICY

Ithaca, NY

2024 (expected)

Thesis Three Essays on the Economics of Cannabis Policy

Committee John Cawley (chair) · Colleen Carey · Nicholas Sanders · Nicolas Ziebarth

MASTER OF SCIENCE · MS · POLICY ANALYSIS AND MANAGEMENT

2022

Indiana University

BACHELOR OF SCIENCE IN PUBLIC HEALTH · BSPH · EPIDEMIOLOGY

Bloomington, IN

2020

Fields of Interest

Health economics · urban economics · social policy · inequality · health disparities

Research

JOB MARKET PAPER

Is the grass greener? Cannabis laws, mortality, and spillovers in substance use policy.

I study cannabis access across the United States and its impact on incident deaths of despair using county-level mortality data on suicides, drug overdoses, and traffic accidents from 2000-2020. I exploit spatio-temporal variation in cannabis access using geographic microdata on cannabis dispensary openings for medical and recreational use. Applying a spatial difference-in-difference strategy, I find heterogeneous effects of cannabis laws on mortality by use type – recreational versus medical – and by demographic groups. This study is the first to leverage distance to cannabis access as exposure to a cannabis law and illustrates the importance of distributional impacts of substance use policies.

PEER REVIEWED PUBLICATIONS

2022

Shyam Raman, Douglas Kriner, Nicolas Ziebarth, Kosali Simon, and Sarah Kreps

COVID-19 booster uptake among US adults: Assessing the impact of vaccine attributes, incentives, and context in a choice-based experiment.

Social Science & Medicine · [10.1016/j.socscimed.2022.115277](https://doi.org/10.1016/j.socscimed.2022.115277)

Shyam Raman and Ashley C. Bradford

Recreational cannabis legalization associated with reductions in Medicaid drug utilization.

Health Economics · [10.1002/hec.4519](https://doi.org/10.1002/hec.4519)

Paul Lushenko, Shyam Raman, and Sarah Kreps

Multilateralism and public support for drone strikes.

Research & Politics · [10.1177/1093433](https://doi.org/10.1177/1093433)

2021

David C. Wheeler, Joseph Boyle, Shyam Raman, and Erik J. Nelson
Modeling elevated blood lead level risk across the United States.
Science of the Total Environment · [10.1016/j.scitotenv.2021.145237](https://doi.org/10.1016/j.scitotenv.2021.145237)

Sumedha Gupta, Thuy Nguyen, Shyam Raman, BK Lee, Felipe Lozano-Rojas, Ana Bento, Kosali Simon, and Coady Wing
Tracking public and private response to the COVID-19 epidemic: Evidence from state and local government actions.
American Journal of Health Economics · [10.1086/716197](https://doi.org/10.1086/716197)

2019

David C. Wheeler, Shyam Raman, Resa M. Jones, Mario Schootman, and Erik J. Nelson
Bayesian deprivation index models for explaining variation in elevated blood lead levels among children in Maryland.
Journal of Spatial and Spatio-temporal Epidemiology · [10.1016/j.sste.2019.100286](https://doi.org/10.1016/j.sste.2019.100286)

EDITOR REVIEWED PUBLICATIONS

Paul Lushenko, Sarah Kreps, and Shyam Raman
How to Avoid Civilian Casualties During Drone Strikes – At No Cost to National Security.
Modern War Institute, West Point · 2022 · [Stable Link](#)

Sarah Kreps, Paul Lushenko, and Shyam Raman
Biden can reduce civilian casualties during US drone strikes. Here's how.
Brookings Foreign Policy · 2022 · [Stable Link](#)

Paul Lushenko, Sarah Kreps, and Shyam Raman
A More Just Drone War Is Within Reach.
Foreign Affairs · 2022 · [Stable Link](#)

WORKING PAPERS

Shyam Raman, Catherine Maclean, David Bradford, and Coleman Drake
Recreational cannabis laws and opioid distribution.
Revisions Requested · Health Economics

Shyam Raman, Paul Lushenko, and Sarah Kreps
Do military targeting standards reduce civilian harm? Evidence from drone strikes in Pakistan.
Under Review · [arXiv Working Paper](#)

Shyam Raman, Ben Harrell, Alex Hollingsworth, Samuel Mann, and Katherine Wen
Public health insurance and the spread of infectious disease.
Manuscript Available on Request

RESEARCH IN PROGRESS

Stephenson Strobel, Shira Brown, and Shyam Raman
Adverse selection in the emergency department: Physician decision making and patient outcomes.

Patrick Carlin, Samuel Mann, Ashley C. Bradford, and Shyam Raman
Recreational cannabis laws and migration.

Ben Harrell and Shyam Raman
Sodomy laws and uptake of post-exposure prophylaxis: Evidence from Lawrence v. Texas.

Shyam Raman, Samuel Mann, Ashley C. Bradford, and Coleman Drake
Recreational cannabis laws and self-reported health.

Shyam Raman
Immobile and exposed. Residential segregation and environmental injustice in metropolitan America.

Invited Seminars and Conference Presentations

* *presented by co-author*

2023 (Scheduled)

U.S Army War College

2022

U.S. Naval War College · APPAM Annual Research Conference (Postponed from 2021) · AEA CSQIEP Virtual Seminar · Indiana University · AcademyHealth Annual Research Meeting · ASHEcon Annual Meeting · Health Economist' Study Group · NBER Summer Institute (Health Economics) · University of Sydney · Vanderbilt University · Harvard University · University of Oxford · Cornell Undergraduate Research Board · APPAM Annual Research Conference · Southern Economic Association Annual Meeting · Virtual Economics of Risky Behaviours (VERB) Seminar*

2021

The MITRE Corporation · ASHEcon Annual Meeting · Southern Economic Association Annual Meeting

2020

Indiana University · Milliman Consulting · ASHEcon Annual Meeting · Southern Economic Association Annual Meeting · APPAM Annual Research Conference

2019

Valparaiso University · ASHEcon Annual Meeting · Southern Economic Association Annual Meeting · APPAM Annual Research Conference

Teaching Experience

INSTRUCTOR OF RECORD

SP23 **Principles of Microeconomics (Scheduled)**, Cornell Prison Education Program

TEACHING ASSISTANT

SP23, SP21 **Multiple Regression Analysis**, Cornell University for Prof. Nicolas Bottan
FA22 **Microeconomics for Management (Graduate)**, Cornell University for Prof. Nicholas Sanders
FA20 **Economics and Environmental Policy**, Cornell University for Prof. Nicholas Sanders
SP19-SP20 **Introduction to the US Healthcare System**, Indiana University for Prof. Alex Hollingsworth
FA18-FA19 **Principles of Anatomy & Physiology**, Indiana University for Prof. Lauralyn Riggins

Positions and Affiliations

CURRENT

2021- **Research Consultant**, University of Pittsburgh Graduate School of Public Health

PAST

2021-22 **Senior Fellow**, Cornell University Tech Policy Institute
2021-22 **Associate Health Economist**, The MITRE Corporation

Research Experience

- 2022- **Research Assistant to Dr. John Cawley**, Cornell University Brooks School of Public Policy
- 2021-22 **Research Assistant to Dr. Nicolas Bontan**, Cornell University Brooks School of Public Policy
- 2019-20 **Research Assistant to Dr. Kosali Simon**, Indiana University O'Neill School
- 2018-20 **Research Assistant to Dr. Erik Nelson**, Indiana University School of Public Health
- 2018-19 **Research Assistant to Dr. Christina Ludema**, Indiana University School of Public Health
- 2017-20 **Research Assistant to Dr. Alex Hollingsworth**, Indiana University O'Neill School

Professional Activities

UNIVERSITY SERVICE

- 2022- **Mentor**, Cornell Undergraduate Research Board
- 2021-22 **President**, Graduate Students in Policy Analysis and Management (GSPAM)

REFEREE SERVICE

Journal of Health Economics · Health Economics · Journal of Risk and Insurance · Journal of Health Economics, Policy, and Law · Sociology Compass

MEMBERSHIPS

American Society of Health Economists · Association for Public Policy Analysis and Management · American Public Health Association · Cornell Population Center · AcademyHealth · Southern Economic Association · International Health Economics Association

UNDERGRADUATE ADVISING

Nandika Nair (2022) · Richard Li (2024) · Ella Corkum (2024) · Lucy Barsanti (2023)

References

John Cawley

Professor, Cornell University
jhc3@cornell.edu

Nicholas Sanders

Assistant Professor, Cornell University
njsanders@cornell.edu

Nicolas Ziebarth

Professor, University of Mannheim
nrz2@cornell.edu

Alex Hollingsworth

Associate Professor, Indiana University
hollinal@indiana.edu