

Avik Sanyal — Curriculum Vitae

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I am a Ph.D candidate in Quantitative Economics (ABD status) at the University of California, Irvine. My research areas include Applied Econometrics, Public Economics, Political Economy and Health Economics. My research empirically analyses the determinants and consequences of public policies, particularly mental health policies.

SKILLS

- **Econometric Methodology:** Regression Discontinuity, Difference in Differences, Instrumental Variables, Time Series modelling, Binary and Count data models (Poisson, Probit, Logit, Negative Binomial), Panel data models (Fixed and Random effects), Semi-parametric models, Survey data analysis, Impact Assessment models such as REMI and IMPLAN.
- **Data**
 - **ArcGis:** Data mapping and visualization with Spatial data.
Created an interactive map of mass shootings in the US, using originally collected data, which can be accessed in my [website](#).
 - **Stata:** Statistical Analysis, Data Cleaning, Data Visualization.
 - **R:** Statistical Analysis, Data Cleaning
 - **Python:** Statistical analysis, Web scraping.
 - **Data Collection:** Collecting original data from sources such as newspaper articles and legislative documents among others.
- Familiar with health care related datasets such as Health and Retirement Survey (HRS), National Health and Nutrition Examination Survey (NHANES), Medical Expenditure Panel Survey (MEPS), and mental health-related datasets such as Behavioral Risk Factor Surveillance Survey (BRFSS), National Survey of Drug Use and Health (NSDUH), Drug Abuse Warning Network (DAWN), Mental Health Client Level Dataset and Treatment Episode Admissions and Discharge Dataset (TEDS-A, TEDS-B).
- Familiar with US Census related datasets such as American Communities Survey (ACS), Current Population Survey (CPS), County Business Patterns (CBP) and other large datasets such as the FBI Supplementary Homicide Report (FBI-SHR).
- Familiar with legal databases such as LexisNexis, WestLaw, HeinOnline and media archives such as Vanderbilt Television News Archive, ProQuest.
- **Teaching:** Experience teaching both introductory and advanced undergraduate economics courses, familiar with online learning tools such as YuJa, GradeScope, Canvas.

EDUCATION

- **University of California, Irvine** **Irvine, CA**
Ph.D in Economics *Expected June 2023*
- **University of California, Irvine** **Irvine, CA**
M.A in Economics *2018*
- **Jadavpur University** **Kolkata, India**
M.A in Economics *2017*
- **St. Xavier's College** **Kolkata, India**
B.Sc in Economics *2015*

WORKING PAPERS

- **Impact of Mass Shootings on Mental Health Policy** [Job Market Paper] , 2022.
This paper analyzes how state governments respond to mass shootings by enacting policies to make mental healthcare accessible and how media coverage and other political and institutional factors shape the response. For this purpose, I construct an original dataset of mass shootings, their media coverage, and mental health legislation. The main findings reveal that mass shootings result in an increase in bills introduced in a number of categories of mental health related legislation, of which the bills enacted into law are those that aim to improve access to mental healthcare in schools. ~~The~~ results also show that media coverage of mass shootings leads to an increase in bills but has no effect on whether said bills are enacted into law.

○ **Impact of Residential Segregation on Welfare Generosity, 2019**

As racial biases are often said to play a major role in American politics, is it possible that the lack of familiarity due to residential segregation could affect which policies are enacted and how they are implemented ? Using an aggregated measure of segregation at the state level, this paper examines how residential segregation affects public attitudes towards welfare and the degree of welfare generosity of states. The findings indicate that for states with lower proportion of African Americans, higher segregation (or less exposure) leads to less generous welfare policies while for states with a higher proportion of African Americans, higher segregation leads to more generous welfare policies.

WORKS IN PROGRESS

Impact of Skilled Immigration on Support for Redistribution, 2021.

Impact of Advocacy Efforts by Interest Groups on Mental Health Legislation in the Wake of a Mass Shooting, 2022.

PROFESSIONAL SERVICES

- Faculty mentor, Undergraduate Research Opportunities Program, UC Irvine 2022 - present
- Research mentor, Lumiere Education 2022 - present
- Tutor, Economics Learning Centre, UC Irvine 2018 - present
- Editor, Eco Echoes, St. Xaviers College, Kolkata 2013 - 2015.
- Rapporteur, Bengal Global Business Summit, Kolkata 2016

CONFERENCE AND PRESENTATIONS

- Southern California Applied Economics Conference, UC San Diego 2022
- Centre for Global Peace and Conflict Studies Annual Graduate Student Conference, UC Irvine 2021
- Theory, History and Development Seminar, UC Irvine 2021, 2020
- Department of Economics, Annual Poster Session, UC Irvine 2019, 2020, 2021, 2022
- Theory, History and Political Economy Seminar, UC Irvine 2021
- Centre for Global Peace and Conflict Studies, UC Irvine 2021, 2022

AWARDS AND GRANTS

- Centre for Global Peace and Conflict Studies (CGPACS) Graduate Student Grant, UC Irvine 2022
- Graduate Division Completion Fellowship, UC Irvine 2022
- Graduate Dean's Recruitment Fellowship, UC Irvine 2017
- Summer Research Fellowship, UC Irvine 2022
- Summer Research Fellowship, UC Irvine 2021
- Summer Research Fellowship, UC Irvine 2020
- Summer Research Fellowship, UC Irvine 2019

TEACHING

- ECON 129: ECON OF DATA ANALYSES (SPRING 2022)
- ECON 122A: APPLIED ECONOMETRICS (Winter 2022)
- ECON 122B: APPLIED ECONOMETRICS II (Summer 2019, Summer 2020)
- ECON 100A: INTERMEDIATE ECONOMICS I (Summer 2021)
- ECON 1: INTRO TO ECON (Fall 2018)
- ECON 13: GLOBAL ECONOMY (Spring 2019, Fall 2019, Spring 2021)
- ECON 20B: BASIC ECONOMICS I (Winter 2020)
- ECON 100B: INTERNATIONAL ECONOMICS II (Winter 2019)
- ECON 100C: INTERNATIONAL ECONOMICS III (Spring 2020)
- ECON 20A: BASIC ECONOMICS (Fall 2020, Fall 2021).

LANGUAGES

English (Professional), Bengali (Fluent), Hindi (Intermediate), Spanish (Beginner)

REFERENCES

- **Amihai Glazer**, Professor of Economics, Emeritus, University of California, Irvine.
Email: aglazer@uci.edu
- **Dan Bogart**, Professor of Economics, University of California, Irvine.
Email: dbogart@uci.edu
- **Yingying Dong**, Associate Professor of Economics, University of California, Irvine.
Email: yyd@uci.edu