

ENGY ZIEDAN

Assistant Professor
Department of Economics
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Webpage: <https://www.engyziedan.com/>

Citations: [Google Scholar Page \(350+ citations\)](#)

EDUCATION

2018 Ph.D. Economics, University of Illinois at Chicago (UIC)

2014 - MA Economics, University of Illinois at Chicago (UIC)

EMPLOYMENT AND APPOINTMENTS

2018- Present- Health Economist/Assistant Professor, Tulane University, Department of Economics (Tenure Track, due for Tenure Review in 08/2026)

2024- present – Principal Scientist -Protege AI

2022- Present- Affiliate Researcher, Indiana University O’Neil School of Public and Environmental Affairs

2022-2023- Visiting Research Scholar, Indiana University, O’Neil School of Public and Environmental Affairs (Funded through an NBER/NIH pilot)

2017-2018- Research Scientist/Fellow at Mathematic Policy Research (Chicago Office)

2017-2018 – Research Assistant Institute for Government and Public Affairs (University of Illinois)

Main Research Areas: Healthcare reimbursements on healthcare use & quality (Value Based Purchasing/P4P), state policy and the opioid epidemic, EMR data interoperability, effects of Covid19 on healthcare and health, effects of administrative price setting on innovation in medicine.

Programming skills: R, Stata, SQL, experience with Snowflake and AWS Athena

Highlighted Dataset Experience: CMS medical claims (MEDPAR and Carrier files), EMR data (HealthJump, Veradigm, Truveta, Commercial Claims (Change Healthcare), Census Data, Vital Statistics (Birth + Mortality data), All of Us Research EMR + genome data.

SCIENTIFIC PEER REVIEWED SCIENTIFIC PUBLICATIONS

1. **Engy Ziedan**, Kosali I. Simon(Indiana U.), and Coady Wing(Indiana U.). Effects of state COVID-19 closure policy on non-COVID-19 health care utilization. No. w27621. National Bureau of Economic Research, 2020. Revise and Resubmit second round at *Review of Economics and Statistics (RESTAT)*

2. Nguyen TD(Michigan U.), Gupta S(Indiana U.), **Engy Ziedan** et al. Assessment of Filled Buprenorphine Prescriptions for Opioid Use Disorder During the Coronavirus Disease 2019 Pandemic. *JAMA Internal Medicine*. 2021;181(4):562–565.
3. Nguyen TD(Michigan U.), Gupta S(Indiana U.), **Engy Ziedan** et al. "Racial and Ethnic Disparities in Buprenorphine and Extended-Release Naltrexone Filled Prescriptions During the COVID-19 Pandemic." *JAMA Network Open* 5.6 (2022): e2214765-e2214765.
4. **Engy Ziedan**, and Robert Kaestner(University of Chicago). Did the Hospital Readmissions Reduction Program Reduce Readmissions? An Assessment of Prior Evidence and New Estimates. *Evaluation Review* 45.6 (2021): 359-411.
5. Kaestner, Robert(University of Chicago), and **Engy Ziedan**. Mortality and socioeconomic consequences of prescription opioids: Evidence from state policies. No. w26135. National Bureau of Economic Research, 2019. *Labour Economics*
6. **Engy Ziedan**, and Robert Kaestner(University of Chicago). Effect of prescription opioids and prescription opioid control policies on infant health. No. w26749. National Bureau of Economic Research, 2020. Revise and Resubmit *at conditionally accepted The Southern Economic Journal* (won the Georgescu-Roegen Prize for best paper published in the SEJ in 2024)
7. Button, Patrick, LaPorchia A. Collins, Augustine Denteh, Mónica García-Pérez, Ben Harrell, Elliott Isaac, and **Engy Ziedan**. "Teaching controversial and contemporary topics in economics using a jigsaw literature review activity." *The Journal of Economic Education*

MANUSCRIPTS IN CIRCULATION /UNDER REVIEW

1. Harris, Douglas N., Engy Ziedan and Susan Hassig. "The Effects of School Reopenings on COVID-19 Hospitalizations." National Center for Research on Education Access and Choice. [Draft here](#)
2. Engy Ziedan and Diane Alexander (Wharton). Medicare Reimbursements and Innovation: An Application of Natural Language Processing to Examine Patents and The Case of the Wearable Artificial Kidney. (presented at NBER SI, [slides here](#))
3. Racial Segregation in Ambulatory Healthcare–New Evidence from Electronic Medical Records Data With Marcella Alsan (Harvard), M. Kate Bundorf(Duke), Melissa McInerney(Tufts), Alberto Ortega(Indiana), Kosali Simon(Indiana) and Ruth Winecoff (Rutgers)
4. Covid19 Shutdowns and Fetal Scanning. With Daniel Dench (Georgia Tech), Cici McNamara (Georgia Tech) and Howard Minkoff (SUNY Downstate).

RESEARCH IN PROGRESS

5. Using Machine Learning and Electronic Medical Records to Predict Spontaneous Labor + Random Control Trial at the University of Michigan Health System. With Amanda Kowalski, Alex Peahl (U.Michigan) and Jenna Weins (CS Michigan).
6. Effects of the Covid19 Postpartum Medicaid Extensions on Maternal Health. With Amanda Kowalski (U.Michigan), Ithai Lurie (US Treasury), Jacob Bearman (US Treasury) and Eilidh Geddes (University of Georgia).
7. Covid19 and the Provider Relief Fund Effects with Chris Whaley (Brown University) and Jon Cantor (RAND).
8. Failures of Omission vs Commission: The marginal productivity of CT-Scan technology With Xuechao Qian (Stanford U.) and Coady Wing (Indiana University)
9. Medicaid Disenrollment and Health Effects. With Sumedha Gupta, Kosali Simon, Hailemichael Shone and Coady Wing.
10. Are Genetic Data Banks Representative? The Case of All of Us Genome Data. With Hailemichael Shone and Kosali Simon.

RESEARCH SUPPORT, EXTERNAL

- a. 2018-2020 - **National Institute of Health Agency for Healthcare Research and Quality**. (R01HS025586 Role: Coinvestigator, PI: Robert Kaestner). The Intended and Unintended Consequences of the Hospital Readmission Reduction Program (>\$500,000)
- b. 2021- **National Institute of Aging**. The Effects of Covid19 on Non-Covid19 Care. Contract (No.75N95D20F4000 Role: Coinvestigator, PI: Kosali Simon). (appx \$35,000)
- c. 2021- **National Institute on Drug Abuse**. The Effect of Medical Cannabis Laws on Health Care Use in Insured Populations with Pain-S1. (R01DA04736, Role: Co-investigator, PI: David Bradford) (>\$570,000)
- d. 2021- **The Pew Charitable Trust**. Racial Disparities in Access to MOUD Therapy during the Covid19 Pandemic. (Role: Co-investigator PI: Stephen Crystal) (appx \$250,000)
- e. 2022-2023- **NBER Center for Aging and Health Research NIA pilot**-Drivers of Racial Segregation in Physician Services: Implications for Health Outcomes Equity. (P30AG012810 Role: Coinvestigator, PI: Anne Case and David Cutler). (appx \$60,000)
- f. 2023-2024- **NBER Center for Aging and Health Research**-Post COVID-19 Experiences Among Adults with ADRD (Role: Coinvestigator, PI: Kosali Simon and Sumedha Gupta). (appx \$300,000)

LETTERS/ NEWSLETTERS/OTHER WRITING, NOT PEER REVIEWED

- a. NBER Bulletin on Health Spring 2023 <https://www.nber.org/bulletin-health/20231>
- b. NBER program report Health Economics
<https://www.nber.org/reporter/2022number4/program-report-health-economics>
- c. The Mortality and socioeconomic consequences of prescription opioids. Vox EU CEPR available at: <https://voxeu.org/article/mortality-and-socioeconomic-consequences-stateprescription-opioid-policies>
- d. EMR Data Resources of Healthcare Encounter Data. American Society for Health Economics Newsletter <https://www.ashecon.org/newsletter/newsletter-20211/data-resources-on-health-care-encounter-data/>
- e. Tradeoffs Podcast. Medical Debt in America
<https://us3.campaignarchive.com/?u=6ab1fc39a0b1b15521551487c&id=e19351ed7f>

Peer Reviewed Journal Referee:

Nature, Nature Behavior, Review of Economics and Statistics, Empirical Economics, American Economic Journal: Economic Policy, Health Affairs, Health Economics, Journal of Policy, Analysis and Management, Contemporary Economic Policy, American Journal of Health Economics, Journal of Health Economics, Journal of Policy Analysis and Management, PNAS, Economics and Human Biology, Journal of the Royal Statistical Society, Journal of Risk and Uncertainty, BMC Research Notes, Medical Care Research and Review, Southern Economic Journal

Government Scientific Committee Referee:

2020 –reviewer, National Science Foundation (Economics) Government:

2021- Scientific Expert, National Science Foundation Trans-Atlantic Platform Recovery, Renewal and Resilience in a Post Pandemic World (T-AP RRR)

INVITED PRESENTATIONS

2024- American Society of Health Economics, American European Health Economics Group, Louisiana State University, RAND corporation

2023- NBER Summer Institute (Health Economics Group Boston MA), University of Illinois (Urbana), Indiana University, National Foundation for Municipal Analyst Healthcare Meeting, American Society of Health Economics, American European Health Economics Group (Harvard University), NBER conference on Racial and Ethnic Health Disparities (Boston)

2022 - American Economic Association, American European Health Economics Group, American Public Policy Analysis and Management , National Bureau of Economic Research Spring Meeting

2021- Massachusetts Institute of Technology (School effectiveness and Inequality Initiative), University of California Riverside, American Public Policy Analysis and Management (x 2), Southern Economic

Association (Presidential Panel), American Economic Association

2020- National Bureau of Economic Research (Covid19 Health Economics Group), University of California San Diego (Postponed).

2019- Population Health Science Workshop at University of Pennsylvania (Poster), American Society of Health Economists (x2), Chicago Federal Reserve Bank

2018- American Economic Association, American Society of Health Economists (x 2), American Public Policy Analysis and Management