

ENGY ZIEDAN

Assistant Professor

Department of Economics

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## **EDUCATION**

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

M.A. Economics, University of Illinois at Chicago (UIC), 2014

## **EMPLOYMENT AND APPOINTMENTS**

2024 – Present | Co-Founder and Principal Scientist, Protege

2018 – Present | Assistant Professor, Department of Economics, Tulane University

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 (NBER/NIH funded)

2017 – 2018 | Research Scientist/Fellow, Mathematica Policy Research, Chicago

2017 – 2018 | Research Assistant, Institute for Government and Public Affairs, University of Illinois

## **RESEARCH AREAS**

Health economics, healthcare policy, Medicare policy, medical innovation, healthcare utilization among older adults

## **PROGRAMMING SKILLS**

R, Stata, SQL, Snowflake, AWS Athena

## **DATA EXPERIENCE**

CMS medical claims (MEDPAR, Carrier files), EMR data (HealthJump, Veradigm, Truveta), Commercial Claims (Change Healthcare), Census Data, Vital Statistics, All of Us Research Program

## **SCHOLARSHIP**

Peer-Reviewed Publications:

1. Nguyen TD, Gupta S, Ziedan E, et al. (2021). Assessment of Filled Buprenorphine Prescriptions for Opioid Use Disorder During the COVID-19 Pandemic. *JAMA Internal Medicine*, 181(4), 562–565.
2. Nguyen TD, Gupta S, Ziedan E, et al. (2022). Racial and Ethnic Disparities in Buprenorphine and Extended-Release Naltrexone Filled Prescriptions During COVID-19. *JAMA Network Open*, 5(6), e2214765.
3. Ziedan E, Kaestner R. (2021). Did the Hospital Readmissions Reduction Program Reduce Readmissions? *Evaluation Review*, 45(6), 359-411.

4. Kaestner R, Ziedan E. (2019). Mortality and Socioeconomic Consequences of Prescription Opioids. *Labour Economics*.
5. Ziedan E, Kaestner R. (2024). Effect of Prescription Opioids and Control Policies on Infant Health. *Southern Economic Journal*. (Georgescu-Roegen Prize winner)
6. Button P, Collins LA, Denteh A, García-Pérez M, Harrell B, Isaac E, Ziedan E. Teaching Controversial and Contemporary Topics in Economics Using Jigsaw Literature Review Activity. *Journal of Economic Education*.

Manuscripts Under Review:

- a) Ziedan E, Simon KI, Wing C. Effects of State COVID-19 Closure Policy on Non-COVID-19 Health Care Utilization. *Review of Economics and Statistics*. (Revise & resubmit, second round / received August 2024 – submitted with text edits)
- b) Wing C, Silva J, Simon K, Dreyer M, McGuire C., Ziedan E. Racial Disparities in Infant Drug Testing (Submitted to *Demography*, February 2025).

Working papers:

- c) Ziedan E, Alexander D. Medicare Reimbursements and Innovation: Wearable Artificial Kidney. (presented at NBER Summer Institute)
- d) Alsan M, Bundorf MK, McInerney M, Ortega A, Simon KI, Winecoff R, Ziedan E. Racial Segregation in Ambulatory Healthcare: New Evidence from EMR Data. (presented at NBER Spring Seminar)
- e) Kowalski A, Peahl A, Weins J, Ziedan E. Using Machine Learning and EMR to Predict Spontaneous Labor.
- f) Effects of Patient Advocacy Services on Elderly Utilization of Care and Health Outcomes. (Collaboration: Solace Health, Indiana University, University of Wisconsin)
- g) Bearman J, Geddes E, Kowalski A, Lurie I, Ziedan E. Effects of COVID-19 Postpartum Medicaid Extensions on Maternal Health.
- h) Cantor J, Whaley C, Ziedan E. COVID-19 and Provider Relief Fund Effects.
- i) Qian X, Wing C, Ziedan E. Failures of Omission vs Commission: Marginal Productivity of CT-Scan Technology.
- j) Gupta S, Shone H, Simon KI, Wing C, Ziedan E. Medicaid Disenrollment and Health Effects.
- k) Shone H, Simon KI, Ziedan E. Representativeness of Genetic Data Banks: The Case of All of Us Genome Data.
- l) Harris DN, Ziedan E, Hassig S. The Effects of School Reopenings on COVID-19 Hospitalizations.
- m) Dench D, McNamara C, Minkoff H, Ziedan E. COVID-19 Shutdowns and Fetal Scanning.

OTHER WRITING (not peer-reviewed, selected):

- NBER Bulletin on Health (Spring 2023) <https://www.nber.org/bh/20231/costs-and-consequences-covids-impact-non-urgent-care>
- VoxEU CEPR: Mortality and Socioeconomic Consequences of Prescription Opioids <https://cepr.org/voxeu/columns/mortality-and-socioeconomic-consequences-state-prescription-opioid-policies>
- ASHEcon Newsletter: EMR Data Resources <https://www.ashecon.org/newsletter/newsletter-20211/data-resources-on-health-care-encounter-data/>
- Tradeoffs Healthcare Podcast- Medical Debt in US healthcare <https://us3.campaign-archive.com/?u=6ab1fc39a0b1b15521551487c&id=e19351ed7f>

PEER REVIEW & SERVICE:

Journal referee:

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

Grant proposal referee:

National Science Foundation (Economics, Trans-Atlantic Platform Recovery)

Tulane University:

- 2020-2021 – Reviewer, Tulane Journal of Policy and Political Economy
- 2019-2021 – Co-organizer, Economics Department Seminar
- 2019 – Member, Hiring Committee (Economics of Education Position)

RESEARCH SUPPORT, EXTERNAL (In Processes):

1. ARPAH-H - Phase 0 in collaboration with IBM, Boston Children's Hospital and Red Hat Research (encouraged to process to proposal - Due date April 18th/ 2025).

RESEARCH SUPPORT, EXTERNAL (Awarded):

1. Analysis of the Hospital Readmission Reduction Program on Medicare 30-day Readmissions  
Project Number: 7R01HS025586-03  
PI: Robert Kaestner (University of Chicago)  
Role: Co-investigator

Funder: Agency for Healthcare Research and Quality  
Year: 2017-2020

2. The Effect of Medical Cannabis Laws on Health Care Use in Insured Populations with Pain (Supplement)  
Award Number: 3R01DA047365-03S1  
PI: David Bradford (University of Georgia)  
Role: Co-investigator  
Funder: National Institute on Drug Abuse  
Year: 2021-2023
3. Leveraging a Linked Data Approach to Real-World Data Enrichment of Private Claims: COVID-19 and Vulnerable Populations  
Contract No.: 75N95D20F4000  
PI: Kosali Simon (Indiana University)  
Role: Co-investigator  
Funder: National Institute of Health  
Year: 2021
4. Drivers of Racial Segregation in Physician Services: Implications for Health Outcomes  
Contract No.: P30AG012810 (pilot award via NBER)  
PI: Anne Case (Princeton) and David Cutler (Harvard)  
Role: Co-investigator  
Funder: National Institute of Health  
Year: 2022-2023
5. Racial and Ethnic Disparities in Receipt of Medication for Opioid Use Disorder  
PI: Stephen Crystal (Rutgers)  
Role: Co-investigator  
Funder: Pew Charitable Trust  
Year: 2021-2022

RESEARCH SUPPORT, INTERNAL:

1. 2019 – SLA Faculty Research Award (\$5,000)
2. 2020 – Murphy Institute Seed Funding (\$3,000)
3. 2021 – Kurzius Family Early Career Professorship (\$6,500)

INVITED PRESENTATIONS (selected):

2025 –Moderator- AI in Healthcare Annual Summit (Shaper Capital and Protege). Moderator – Future of Healthcare Spending in the US (Tulane wide event hosting John Skinner), Indiana University.

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