Joseph Dov Bruch, Ph.D.

Assistant Professor of Public Health Sciences and the College

Department of Public Health Sciences

The University of Chicago Biological Sciences

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EDUCATION

2021 Ph.D. in Population Health Sciences (Social and Behavioral Sciences)

Harvard University

2021 M.Sc. in Biostatistics

Harvard University

2015 B.A. in Psychology

University of Pennsylvania

Phi Beta Kappa, *summa cum laude*

INVESTIGATOR OVERVIEW

As a health policy researcher, I seek to answer a range of novel questions centered on the compatibility of different financial arrangements and financial systems with health care and population health. I also lead the GenderSci Lab’s Health Care Finance team at Harvard University. The Health Care Finance team investigates the role of financial firms on the health of women and gender minorities.

RESEARCH & PROFESSIONAL EXPERIENCE

2022 – Present

Assistant Professor

Department of Public Health Sciences | The University of Chicago | Chicago, Illinois

2021 – 2022

Visiting Research Scholar

Department of Health Care Policy | Harvard Medical School | Boston, Massachusetts

2021 – 2022

Postdoctoral Student

Department of Health Systems Management | Guilford Glazer Faculty of Business & Management | Ben-Gurion University of the Negev | Israel

2021 – 2022

Visiting Research Scholar

Department of Health Policy and Management | Harvard T.H. Chan School of Public Health | Boston, Massachusetts

2018 – Present

Director of Health Care Finance

GenderSci Lab | Harvard University | Cambridge, Massachusetts

2019

Advisor

Social Determinants of Health | NYC Health + Hospitals | New York, New York

2017

Analyst

Strategic Areas | New York University Langone Medical Center | New York, New York

RESEARCH PUBLICATIONS

**Bruch JD**,\* Roy V,\* Grogan R. The Financialization of Health in the United States. NEJM. Forthcoming.

Kannan S, **Bruch JD**, Song Z. Changes in Hospital Adverse Events and Patient Outcomes Associated with Private Equity Acquisition. JAMA. Forthcoming.

Borsa A, Bejarano G, Ellen M,\*\* **Bruch JD**.\*\* Evaluating trends in private equity ownership and impacts on health outcomes, costs, and quality: systematic review. BMJ. 2023 Jul 19;382:e075244. doi: 10.1136/bmj-2023-075244. PMID: 37468157; PMCID: PMC10354830.

**Bruch JD**, Richardson SS. Women's health, Inc. Lancet. 2023 Apr 15;401(10384):1258-1259. doi: 10.1016/S0140-6736(23)00736-5. PMID: 37062291.

Kadakia KT, Zheng J, **Bruch JD**, Tsai TC. Comparison of the Financial and Operational Characteristics of For-Profit and Nonprofit Hospitals Receiving Federal Graduate Medical Education Payments, 2011-2020. JAMA. 2023 Jan 10;329(2):173-175. doi: 10.1001/jama.2022.21460. PMID: 36625818; PMCID: PMC9857109.

**Bruch JD,** Foot C, Singh Y, Song Z, Polsky D, Zhu JM. Workforce Composition In Private Equity-Acquired Versus Non-Private Equity-Acquired Physician Practices. Health Aff (Millwood). 2023 Jan;42(1):121-129. doi: 10.1377/hlthaff.2022.00308. PMID: 36623222.

Singh Y, Song Z, Polsky D, **Bruch JD**, Zhu JM. Association of Private Equity Acquisition of Physician Practices With Changes in Health Care Spending and Utilization. JAMA Health Forum. 2022 Sep 2;3(9):e222886. doi: 10.1001/jamahealthforum.2022.2886. PMID: 36218927; PMCID: PMC9440392.

**Bruch JD**, Nair-Desai S, Orav EJ, Tsai TC. Private Equity Acquisitions of Ambulatory Surgical Centers Were Not Associated With Quality, Cost, Or Volume Changes. Health Aff (Millwood). 2022 Sep;41(9):1291-1298. doi: 10.1377/hlthaff.2021.01904. PMID: 36067436.

**Bruch JD**, Katz T, Ramesh T, Appelbaum E, Batt R, Tsai TC. Trends in Real Estate Investment Trust Ownership of US Health Care Properties. JAMA Health Forum. 2022 May 13;3(5):e221012. doi: 10.1001/jamahealthforum.2022.1012. PMID: 35977256; PMCID: PMC9107031.

Gompers A, **Bruch JD**, Richardson SS. Are COVID-19 Case Fatality Rates a Reliable Measure of Sex Disparities? Womens Health Issues. 2021 Nov 26:S1049-3867(21)00182-1. doi: 10.1016/j.whi.2021.11.007. PMID: 34930640; PMCID: PMC8616740.

**Bruch JD**, Feldman J, Song Z. Use of private management consultants in public health. BMJ. 2021 Sep 7;374:n2145. doi: 10.1136/bmj.n2145. PMID: 34493533.

Shattuck-Heidorn H, Danielsen AC, Gompers A, **Bruch JD**, Zhao H, Boulicault M, Marsella J, Richardson SS. A finding of sex similarities rather than differences in COVID-19 outcomes. Nature. 2021 Sep;597(7877):E7-E9. doi: 10.1038/s41586-021-03644-7. Epub 2021 Sep 22. PMID: 34552251.

Borsa A, **Bruch JD**. Prevalence and performance of private equity-affiliated fertility practices in the United States. Fertil Steril. 2021 Sep 15:S0015-0282(21)01976-2. doi: 10.1016/j.fertnstert.2021.08.035. Epub ahead of print. PMID: 34538462.

**Bruch JD**, Gondi S, Song Z.  COVID-19 and Private Equity Investment in Health Care Delivery. JAMA Health Forum. 2021;2(3):e210182.

**Bruch JD**, Barin O, Venkataramani AS, Song Z. Mortality Before and After Border Wall Construction Along the US-Mexico Border, 1990-2017. Am J Public Health. 2021 Jul 1:e1-e9. doi: 10.2105/AJPH.2021.306329.

**Bruch JD**, Zeltzer D, Song Z. Characteristics of Private Equity-Owned Hospitals in 2018. Ann Intern Med. 2021 Feb;174(2):277-279. doi: 10.7326/M20-1361.

**Bruch JD**, Bellamy D. Charity Care: Do Nonprofit Hospitals Give More than For-Profit Hospitals? J Gen Intern Med. 2020 Sep 1. doi: 10.1007/s11606-020-06147-9.

**Bruch JD**, Gondi S, Song Z. Changes in Hospital Income, Use, and Quality Associated With Private Equity Acquisition. JAMA Intern Med. 2020 Nov 1;180(11):1428-1435. doi: 10.1001/jamainternmed.2020.3552.

**Bruch JD**, Borsa A, Song Z, Richardson SS. Expansion of Private Equity Involvement in Women's Health Care. JAMA Intern Med. 2020 Nov 1;180(11):1542-1545. doi: 10.1001/jamainternmed.2020.3567.

Richardson SS, Reiches MW, **Bruch JD**, Boulicault M, Noll NE, Shattuck-Heidorn H. Is There a Gender-Equality Paradox in Science, Technology, Engineering, and Math (STEM)? Commentary on the Study by Stoet and Geary (2018). Psychol Sci. 2020 Mar;31(3):338-341. doi: 10.1177/0956797619872762.

**Bruch JD**. Intestinal infection associated with future onset of an anxiety disorder: Results of a nationally representative study. Brain Behav Immun. 2016 Oct;57:222-226. doi: 10.1016/j.bbi.2016.05.014.

\*\*Denotes co-senior authorship

PUBLIC WRITING

**Bruch JD** & Davidovitch N. [Israelis, Demand Palestinians Get Vaccinated, Too. Or the Pandemic Won't End.](https://www.haaretz.com/middle-east-news/.premium-israelis-demand-palestinians-get-vaccinated-too-or-the-pandemic-won-t-end-1.9580772) Haaretz. 2021.

**Bruch JD**. [The Shocking Deception of Israeli Scientists Pushing the COVID-19 Swedish Model.](https://www.haaretz.com/science-and-health/.premium-the-shocking-deception-of-israeli-scientists-pushing-the-covid-19-swedish-model-1.9137421) Haaretz. 2020.

Borsa A, **Bruch JD**, & Richardson SS. [When private equity firms invest in women's health clinics, who benefits?](https://www.statnews.com/2020/09/14/private-equity-firms-invest-womens-health-clinics-who-benefits/) STAT. 2020.

Richardson SS & **Bruch JD**. [Gender equality paradox monkey business: Or, how to tell spurious causal stories about nation-level achievement by women in STEM](https://www.genderscilab.org/blog/gender-equality-paradox-monkey-business-or-how-to-tell-spurious-causal-stories-about-nation-level-achievement-by-women-in-stem). GenderSci Blog. 2020.

Boulicault M, Danielsen AC, **Bruch JD,** Tarrant A, Borsa A, Richardson SS. [Socially Relevant Variables In U.S. State COVID-19 Surveillance Reporting: A Report Card.](https://www.healthaffairs.org/do/10.1377/hblog20200710.964611/full/) Health Affairs Blog. Published online July 14, 2020. doi: 10.1377/hblog20200710.964611

Reiches M, Boulicault M, **Bruch JD**, Noll N, Shattuck-Heidorn H, Weir B, & Richardson S. [Theory matters: Sex, gender, and alzheimer's disease.](https://www.genderscilab.org/blog/theory-matters-sex-gender-and-alzheimers-disease) GenderSci Blog. 2018.

**Bruch JD** & Levy I. [The simple test for sexually transmitted diseases that doctors do not offer patients](https://www.haaretz.co.il/news/health/new-research/1.6462107?fbclid=IwAR2vznJdxjOesvSc5QdSBSJJH9BbaUU8v36IwrmlUN8thevGBfOnUb--IH8). Haaretz. 2018.

UNPUBLISHED WORK

**Bruch JD**, Zheng J, Orav EJ, Tsai T. Changes in Hospital Quality and Finances after Real Estate Investment Trust Acquisition. [Submitting]

Marsella J, Richardson SS**, Bruch JD**. Investment Feminism and the Rise of Femtech. Submitting]

Henderson M, Mouslim M, **Bruch JD**, Song Z. Private Equity Ownership and Hospital Charges and Prices. [Submitting, *Annals of Internal Medicine*]

**Bruch JD**, Parthan A, Notowidigdo M. Contracting with Management Consultants: Effects on Health System Quality, Finances, and Utilization. [Preliminary]

\* denotes co-first author, \*\*denotes co-senior author

REFEREE

Health Affairs, Journal of General Internal Medicine, JAMA Network Open, Social Science & Medicine, Annals of Internal Medicine (selected as a 'top grade' reviewer), American Journal of Epidemiology, International Journal of Health Services, AJPH

AWARDS

AcademyHealth Outstanding Dissertation Award Honorable Mention (2022)

Horowitz Foundation for Social Policy Trustees' Award for the most innovative approach in theory and/or methodology (2020)

Departmental Honors, Rose Award – University of Pennsylvania (2015)

GRANTS

Center for Health Administration Studies (CHAS) Seed Grant at the University of Chicago. $30k. PI

The Center for the Study of Gender and Sexuality at the University of Chicago. $3k. PI

The Rx Foundation, $100k. Co-PI