

Sarah E. Baum

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EDUCATION	Harvard University	2022 - Current
	Ph.D. in Population Health Sciences (Global Health and Population) Fields: Health Economics, Infectious Diseases Dissertation: Physician allocation of infectious disease screening and its implications for disease surveillance Committee: Nicolas Menzies (Chair), Jessica Cohen, Leila Agha	
	Barnard College, Columbia University	2017
	B.A. in Economics with Honors, <i>magna cum laude</i>	
SELECTED PUBLICATIONS	Baum, S , Agha L, Menzies N, and Cohen J. (2025) Association of prenatal syphilis screening mandates with maternal syphilis case detection. <i>Under review</i> .	
	Baum, S , Pelissari D et al. (2024) Surveillance for TB drug resistance using routine rapid diagnostic testing data: Methodological development and application in Brazil. <i>PLOS Computational Biology</i> .	
	Baum, S and Benshaul-Tolonen A. (2021) Extractive Industries and Gender Equality. <i>Review of Environmental Economics and Policy</i> .	
	Baum, S , Reddy V, Vora N, et al. (2020) Cost comparison between two responses to Hepatitis A virus incidents in restaurant food handlers—New York City, 2015 and 2017. <i>Journal of Public Health Management and Practice</i> .	
WORK IN PROGRESS	Baum, S . Selection and surveillance: Linking shocks to safety net health care access and STI case detection	
	Baum, S . Physician responses to changes in local epidemiology: A movers design leveraging shocks to Lyme disease risk	
	Baum, S and Menzies N. Identifying pathways to TB drug resistance in Brazil	
GRANTS & FELLOWSHIPS	NIH National Institute of Allergy and Infectious Diseases T32 Award (2023-2026)	
	Princeton in Africa Fellowship (2018-2019)	
TEACHING	Introduction to Economics with Applications to Health and Development Harvard School of Public Health - Margaret McConnell (2024), James Potter (2025)	
	Econometric Methods for Health Policy Harvard School of Public Health - Nidhiya Menon (2025)	
RELEVANT EXPERIENCE	Consultant, Mark Clapp	Mass General Brigham Boston, MA
	2025 - Current	
	Research Assistant, Nicolas Menzies	Harvard School of Public Health Boston, MA
	2023 - Current	
	Health & Policy Research Assistant	EcoHealth Alliance New York, NY
	2021 - 2022	

Senior Policy Associate

2019 - 2021

Abdul Latif Jameel Poverty Action Lab
(J-PAL at MIT)
Cambridge, MA**Research Fellow**

2018 - 2019

Population Services International
Johannesburg, South Africa**Research Assistant, Anja Tolonen**

2017 - 2019

Economics Dept., Barnard College
New York, NY**Consultant**

2017 - 2018

New York City Department of Health
New York, NY**Intern - HIV, Health & Development**

2017

UN Development Programme
New York, NY**CONFERENCES**Global Health Security (2022)
World Bank Land and Poverty Conference (2018)
Consortium of Universities for Global Health (2016)**SKILLS****Technical:** R, Stata, ArcGIS
Languages: English (Native), French (Intermediate)