

# Sarah E. Baum

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EDUCATION	<b>Harvard University</b>	2022 - Current
	Ph.D. in Population Health Sciences (Global Health and Population) Fields: Health Economics, Infectious Diseases Dissertation: Allocation of infectious disease screening and its implications for disease surveillance Committee: Nicolas Menzies (Chair), Jessica Cohen, Leila Agha	
	<b>Barnard College, Columbia University</b>	2017
	B.A. in Economics with Honors, <i>magna cum laude</i>	
SELECTED PUBLICATIONS	<b>Baum, S</b> , Agha L, Menzies N, and Cohen J. (2025) Association of prenatal syphilis screening mandates with maternal syphilis case detection. <i>Under review</i> .	
	<b>Baum, S</b> , 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> .	
	<b>Baum, S</b> and Benshaul-Tolonen A. (2021) Extractive Industries and Gender Equality. <i>Review of Environmental Economics and Policy</i> .	
	<b>Baum, S</b> , 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	<b>Baum, S</b> . Selection and surveillance: Linking shocks to safety net health care access and STI case detection	
	<b>Baum, S</b> . Physician responses to changes in local epidemiology: A movers design leveraging shocks to Lyme disease risk	
	<b>Baum, S</b> 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	<b>Introduction to Economics with Applications to Health and Development</b> Harvard School of Public Health - Margaret McConnell (2024), James Potter (2025)	
	<b>Econometric Methods for Health Policy</b> Harvard School of Public Health - Nidhiya Menon (2025)	
RELEVANT EXPERIENCE	<b>Consultant, Mark Clapp</b>	Mass General Brigham Boston, MA
	2025 - Current	
	<b>Research Assistant, Nicolas Menzies</b>	Harvard School of Public Health Boston, MA
	2023 - Current	
	<b>Health &amp; Policy Research Assistant</b>	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)