

Dorit Talia Stein, SM, PhD

+1.858.525.2345 | DoritStein@g.harvard.edu | [Website](#)

Education

Harvard University PhD in Population Health Sciences and Health Systems	2025
Harvard T.H. Chan School of Public Health MS in Global Health and Population <i>Paci Family Fellowship Fund Merit Scholarship</i>	2019
University of California, Los Angeles (UCLA) BS in Human Biology and Society and minor in Public Affairs <i>Summa Cum Laude, Highest Departmental Honors, Dean's List</i>	2014

Peer-Reviewed Publications

- Stein, D. T.,** Ssessanga, A., Oloro, C., Sabiiti, J. N., Kyaddondo, B., Mbabazi, C., Ssengooba, F., & Makumbi, F. E. (2025). Exploring district implementation of national guidelines and maintenance of essential health services during the COVID-19 pandemic in Uganda. *BMJ Public Health*, 3(1).
- Stein, D. T.,** Reitsma, M. B., Geldsetzer, P., Agoudavi, K., Aryal, K. K., Bahendeka, S., ... & Verguet, S. (2024). Hypertension care cascades and reducing inequities in cardiovascular disease in low-and middle-income countries. *Nature Medicine*, 30(2), 414-423.
- Stein, D. T.,** Rakhmadi, M. F., Dutta, A., & Ugaz, J. I. (2023). Attributes of funding flows and quality of maternal health services in a mixed provider payment system: A cross-sectional survey of 108 healthcare providers in Indonesia. *World Medical & Health Policy*, 15(2), 179-193.
- Nason, I., **Stein, D. T.,** Frank, R. G., & Stein, M. B. (2021). Decline In New Starts Of Psychotropic Medications During The COVID-19 Pandemic: Study examines new starts of psychotropic medications during the COVID-19 pandemic. *Health Affairs*, 40(6), 904-909.
- Stein, D. T.,** Golub, G., Rothschild, C. W., Nyakora, G., Cohen, J., & McConnell, M. (2021). Bypassing high-quality maternity facilities: evidence from pregnant women in peri-urban Nairobi. *Health Policy and Planning*, 36(1), 84-92.
- Stein, D. T.,** Sudharsanan, N., Dewi, S., Manne-Goehler, J., Witoelar, F., & Geldsetzer, P. (2020). Change in clinical knowledge of diabetes among primary healthcare providers in Indonesia: repeated cross-sectional survey of 5105 primary healthcare facilities. *BMJ Open Diabetes Research and Care*, 8(1), e001415.
- Stein, D. T.,** & Terry, S. F. (2013). Reforming biobank consent policy: a necessary move away from broad consent toward dynamic consent. *Genet Test Mol Biomarkers*, 17(12), 855-6. (Commentary)

Selected Fellowships and Grants

Paying Providers for Primary Care in Indonesia	2025
– Alliance for Health Policy and Systems Research / World Health Organization	
Horowitz Foundation for Social Policy Award	2025
– The Horowitz Foundation	
Social Equity and Health Equity Stipend	2025
– Harvard Kennedy School Malcolm Weiner Center for Social Policy	
John C. Hansen & Katherine Vogelheim Research and Travel Fund for Africa	2024
– Harvard Graduate School of Arts and Sciences Academic Programs	
Center for Population and Development Studies Dissertation Research Award	2024
– Harvard T.H. Chan School of Public Health	
Fulbright U.S. Student (Uganda)	2023
– U.S. Department of State	
Frederick Sheldon Traveling Fellowship (Uganda)	2023
– Harvard Committee on General Scholarships	
Clarence James and Sarah Bradley Gamble Scholarship Award (Uganda)	2023
– Dept. of Global Health and Population, Harvard T.H. Chan School of Public Health	
Graduate Student Council Conference Grant	2023
– Harvard University Graduate School of Arts and Sciences	
Center for Population and Development Studies Conference Grant	2023
– Harvard T.H. Chan School of Public Health	
Women and Public Policy Program Cultural Bridge Fellowship (Uganda)	2022
– Harvard Kennedy School	
Michael Von Clemm Traveling Fellowship (Uganda, Nepal)	2020,
– Harvard T.H. Chan School of Public Health	2022
Institute for Quantitative Social Science Conference Grant	2022,
– Harvard University	2024
Global Health and Population Conference Grant	2022
– Harvard T.H. Chan School of Public Health	
Maternal Health Task Force Travel Award (Nepal)	2020
– Harvard T.H. Chan School of Public Health	
Paci Family Fellowship Fund Merit Scholarship	2018
– Harvard T.H. Chan School of Public Health	

Selected Technical Reports and Policy Briefs

- Stein, DT**, Ahuja R. Domestic Resource Mobilization for HIV in Nepal: National and Subnational HIV Financing Landscape. *Health Policy Plus Project*. 2021
- Stein DT**, Babak M, Soehoed R. Cost-efficient Local HIV Screening Strategies to Meet Minimum Service Standard Targets in Indonesia. *Health Policy Plus Project*. 2020
- Stein DT**, Dewi S. Multiple Funding Flows for Maternal and Neonatal Health Services in Indonesia: A Legal and Regulatory Review. *Health Policy Plus Project*. 2020
- Stein DT**, Rakhmadi MF, Dutta A, Ugaz J. Does Better Financing Enable Delivery of High-quality Maternal and Neonatal Health Services? Evidence from Providers and Local Governments in Indonesia. *Health Policy Plus Project*. 2020
- Stein DT**, Soehoed R, Marra K, and Cantelmo C. Supporting Standardized Pricing for Viral Load Testing in Indonesia. *Health Policy Plus Project*. 2020
- Stein DT**, Tinkle S. Findings from NCI Epidemiology and Genomics Research Program Cohort Interviews on Data Sharing Policies and Practices. *Science and Technology Policy Institute*. 2016

Blog Posts

- Stein DT**, Walimbwa A, Ssengooba F. Generating evidence for national health insurance design in Uganda with participatory health systems modeling. *Harvard Center for International Development Voices Blog*. 2024
- Stein DT**, Ward K, Cantelmo C. Estimating the Potential Impact of COVID-19 on Mothers and Newborns in Low- and Middle-Income Countries. *Health Policy Plus Project*. 2020

Selected Conference Presentations

Oral Presentations

- Stein DT**, Walimbwa A, Verguet S, Ssengooba F, Danaei G “*National Health Insurance Impacts on Cardiovascular Health and Financial Risk Protection: a Modeling Analysis*” International Scientific Conference on the NCD Epidemic in Africa. Gulu, Uganda. August 2025
- Stein DT**, Walimbwa A, Verguet S, Ssengooba F, Danaei G “*Modeling Potential Distributional Health and Financial Risk Protection Impacts of National Health Insurance in Uganda*” International Health Economics Association World Congress. Bali, Indonesia. July 2025
- Stein DT**, Verguet S “*Improving Hypertension Care Cascades and Financial Risk Protection in Low- and Middle-income Countries*” INFORMS (Institute for Operations Research and the Management Sciences) Annual Meeting. Seattle, WA, USA. October 2024
- Stein DT**, Manne-Goehler J, Geldsetzer P, Atun R, Verguet S “*Financial Risk Protection Impacts of Improved Equity in Hypertension Care Cascade Performance in Low- and Middle-income Countries*” International Health Economics Association World Congress. Cape Town, South Africa. July 2023

Stein DT, Rockli K, Subramanian SV, Bauhoff S “*Geographic Variation in Healthcare Utilization across Villages, Districts, and States in India: A Multilevel Modeling Analysis*” International Health Economics Association World Congress. Cape Town, South Africa. July 2023

Stein DT, Geldsetzer P, Atun R, Verguet S “*Improving Hypertension Care Cascades Towards Reducing Cardiovascular Disease Inequities in 46 Low- and Middle-income Countries*” Global Symposium for Health Systems Research. Bogotá, Colombia. November 2022

Stein DT, Cohen J, McConnell M “*Bypassing for High-Quality Maternal Healthcare: Relationship between Distance, Travel Time, and Delivery Facility Quality in Nairobi, Kenya*” International Health Economics Association World Congress. Basel, Switzerland. July 2019

Poster Presentations

Stein DT and Verguet S. “*Improving Hypertension Care Cascades and Financial Risk Protection in Low- and Middle-income Countries*” Society for Medical Decision Making (SMDM) Annual Conference. Boston, MA, USA. October 2024

Stein DT, Walimbwa A, Verguet S, Ssengooba F. “*Participatory Simulation Modeling of Health, Welfare, and Equity Impacts of National Health Insurance in Uganda*” Global Symposium for Health Systems Research. Nagasaki, Japan. November 2024

Stein DT and Verguet S. “*Improving Hypertension Care Cascades Towards Reducing Cardiovascular Disease Inequities in 46 Low- and Middle-income Countries*” Population Health Sciences Poster Day. Boston, MA, USA. April 2023.
– **“Substantive” Poster Award**

Stein DT, Ssessanga A, Kyaddondo B, Makumbi FE, Ngorok CM “*Exploring Subnational Variation in the Maintenance of Essential Health Services for Women and Children during COVID-19 in Uganda*” Harvard Africa Health Conference. Boston, MA, USA. February 2023

Stein DT, Sudharsanan N, Manne-Goehler J, Geldsetzer P “*Differences in Healthcare Provider Diabetes Knowledge: Evidence from the Indonesian Family Life Survey*” 6th Annual State of Global Health Symposium, Harvard School of Public Health. Boston, MA, USA. 2019
– **Outstanding Student Poster Award**

Invited Talks

“*Health Systems and Health Financing: Theory and Applications to Uganda.*” Seminar at National Planning Authority, Government of Uganda. Kampala, Uganda. August 2025.

“*Introduction to Simulation Modeling for Health Systems and Policy Research.*” Seminar at Makerere University School of Public Health Department of Health Policy Planning and Management. Kampala, Uganda. June 2024.

“*Health and Welfare Impacts of National Health Insurance in Uganda: A Modelling Proposal.*” Seminar at Makerere University School of Public Health Department of Health Policy Planning and Management. Kampala, Uganda. November 2023.

Teaching Experience

Harvard Health Systems Innovation Lab, Module Lead**Research Project Management Module** 2025

- Continuing Professional Education Program on Building High-Value Health Systems: Transforming Type 1 Diabetes Healthcare

Harvard T.H. Chan School of Public Health, Teaching Fellow**Health Systems** Fall 2024

- Profs. Rifat Atun and Meredith Rosenthal (for MPH students)

Decision Science for Public Health Spring 2023

- Prof. Sue Goldie (for MPH students)

Introduction to Economics with Applications to Health and Development Fall 2022

- Prof. Margaret McConnell (for MS, MPH, and DrPH students)

Modeling for Health Systems Analysis and Priority Setting Spring 2022

- Prof. Stéphane Verguet (for MS, MPH, DrPH, and PhD students)

Advanced Modeling for Health Systems Analysis and Priority Setting Spring 2022

- Prof. Stéphane Verguet (for MS, MPH, DrPH, and PhD students)

Decision Science for Health and Medical Practice Fall 2021

- Prof. Ankur Pandya (for MS, MPH, DrPH, and PhD students)

Harvard College, Teaching Fellow**The Global Heart Disease Epidemic** Fall 2022

- Prof. Richard Lee (for undergraduate students)

Selected Professional Experience

ARC Institute, Surabaya, Indonesia June 2025
Co-Principal Investigator | Technical Lead – present

- **Co-Principal Investigator** for World Health Organization (Alliance for Health Policy and Systems Research) funded study to evaluate a mixed payment system for chronic disease management in Indonesia's primary care system.
- **Technical lead for quantitative analysis** portion of the project, responsible for designing and executing econometric analysis to estimate the impact of payment reforms on provider behavior and quality of care using nationally representative surveys, insurance claims, and other administrative datasets.
- **Supervise and mentor project staff** including Research Analysts and Assistants.

Makerere University School of Public Health, Kampala, Uganda October 2023 – present
Visiting Fulbright Scholar | Principal Investigator

- **Principal Investigator** for study modeling the distributional impacts of national health insurance in Uganda, leading technical and administrative project management from design to execution to dissemination.
- **Secured over \$100,000 in funding** to support research activities from multiple funders including the U.S. State Department and Horowitz Foundation.

- **Hired, supervised, and mentored project staff** including international and local Research Assistants.
- **Led design and execution of stakeholder engagement** strategy with stakeholders across government, academic, and private sector in Uganda.
- **Designed and delivered capacity building workshops** for local researchers and policymakers, enhancing skills in health systems analysis and modeling.
- **Facilitated dissemination and policy engagement workshops** to communicate results and develop actionable recommendations with government, donors, and civil society partners.

Health Systems Innovation Lab, Boston, MA
Research Fellow (PI: Professor Rifat Atun)

Dec 2024
 – May
 2025

- **Led study design and execution** for projects assessing health systems performance for Type 1 Diabetes (T1D) management and costs to scale-up T1D management

National Population Council, Kampala, Uganda
Research Fellow | Principal Investigator

May 2020
 – Jun 2023

- **Principal Investigator** for a multi-institutional study funded by the Women and Public Policy Program (Harvard Kennedy School) and Michael Von Clemm Fellowship (HSPH), overseeing research design, budgeting, and stakeholder management.
- **Directed the conceptualization, design, and management** of a large-scale primary data collection initiative across ~60 districts in Uganda.
- **Coordinated high-level partnerships** with the National Population Council, Ministry of Health, and Makerere University to conduct collaborative analysis of national Health Management Information System (HMIS) data using advanced econometric methods, generating actionable insights on the impact of COVID-19 on reproductive, maternal, and child health service utilization.
- **Supervised and mentored project staff** including undergraduate research assistant and local study team.

The World Bank Group, Remote
Consultant Researcher, Digital Technologies for Strategic Health Purchasing

Jan 2022 –
 Jan 2023

- **Led research and development** of a conceptual framework identifying the role of digital technologies in supporting strategic health purchasing.

Palladium, Washington DC
Associate, Health Financing | Activity Manager, Technical Lead

Jun 2019 –
 Jun 2021

- **Managed a \$1.2 million portfolio of multi-country health systems research activities and stakeholder engagement** as Activity Manager and Technical Lead for USAID flagship projects in Indonesia, Nepal, and the Philippines, overseeing budgets and teams of local and international consultants.
- **Led design, execution, and analysis of major studies** on strategic purchasing, HIV and maternal health financing, and health system efficiency, including development and implementation of national-level costing and analytic tools.
- **Directed data collection and quality assurance** across multiple projects; managed survey and field teams, ensured effective training, monitoring, and reporting.

- **Developed and delivered key policy briefs and technical reports** for Ministries of Health and high-level stakeholders, translating complex research findings into actionable policy recommendations.
- **Facilitated capacity-building and technical assistance workshops** for government partners and local civil society organizations to support strategic planning, budgeting, and evidence-based policy development.

Harvard T.H. Chan School of Public Health, Cambridge, MA
Graduate Research Assistant, Professors Peter Berman, William Hsiao, Winnie Yip Nov 2017–
May 2018

One Heart Worldwide, Nepal Jan 2018,
Monitoring and Evaluation Intern, Supply Chain Jan 2019

Nyayik Sansar/Tevel B'Tzedek, Nepal Oct 2016 –
Women's Empowerment and Health International Fellow May 2017

IDA's Science and Technology Policy Institute, Washington, DC Jul 2015 –
Science Policy Fellow Sept 2016

Service and Affiliations

Visiting Scholar

– Makerere University School of Public Health, Department of Health Policy Planning and Management 2023-2025

Graduate Student Affiliate

– Harvard Institute for Quantitative Social Science 2021 – 2025
– Harvard Center for Population and Development Studies 2022 – 2025
– Harvard Center for International Development 2023 – 2025

Research Fellow

– National Population Council in the Ministry of Finance, Planning, and Economic Development, Government of Uganda 2021-2022

Member

– GHP Project on Access to Care for Cardiometabolic Diseases (HPACC) 2019 – present
– International Health Economics Association 2019 – present
– Health Systems Global 2020 – present
– Society for Medical Decision Making 2022 – present

Ad-hoc Reviewer

– *Social Science & Medicine*
– *Health Systems & Reform*

Skills

R (Advanced), Stata (Proficient), Java (Novice), Parallel/Cluster Computing (Experienced)