

Eliza Ennis

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pronouns: she, her, hers

EDUCATION

STANFORD UNIVERSITY
Ph.D. Candidate in Health Policy, Decision Sciences

Stanford, CA
Current (expected 2027)

HARVARD UNIVERSITY
A.B. Social Studies
Secondary: Global Health & Health Policy; Citation: Arabic

Cambridge, MA
May 2019

EXPERIENCE

STANFORD'S LUCILE PACKARD CHILDREN'S HOSPITAL
Quality Improvement Research Assistant

Palo Alto, CA
February 2024 – Present

- Conducted qualitative interviews and focus groups to build a standard set of clinical criteria for NICU patient status
- Designed & launched a new tool in Epic for communicating patient transfer timing
- Developed a predictive model of patient transfers and discharges to support capacity planning
- Wrote literature review on infant feeding preferences & barriers to breastfeeding by language, racial, & ethnic group
- Studied situation awareness in the delivery room during neonatal resuscitation
- Worked as a liaison between engineering research teams, hospital administration, and clinical leadership
- Managed several quality improvement implementation teams (a mixture of graduate students and clinical staff)

DALBERG GLOBAL DEVELOPMENT ADVISORS
Senior Consultant & Deputy Director of U.S. Health Practice

New York City, NY
September 2019 – June 2022

- Conducted qualitative and quantitative research and developed strategy advice for global and local non-profits, governments, and foundations
- Conducted primary analysis of development assistance funding and global burden of disease data to build a health financing framework for African countries supported by the Gates Foundation, creating materials for numerous trainings with ministers of health and finance and a model in R comparing financing trajectories. After Covid-19 hit, I supported prediction modeling for each country, informing health spending allocation decisions
- Developed a flexible market-sizing model comparing the impact of increasing availability of intravenous iron with status quo iron tablet supplementation for pregnant and postpartum patients and those with chronic anemia resulting from cancer, chronic heart failure, chronic kidney disease, and inflammatory bowel disease in Nigeria, Kenya, India, Pakistan, and Bangladesh
- Mapped supply chain gaps in the distribution of reproductive health products (including contraceptives) in Burkina Faso, Tanzania, Nigeria, and Madagascar, supporting the Children's Investment Fund Foundation and the Gates Foundation to identify areas for effective investment, which led our team to design a market acceleration mechanism for medical products beyond the purview of GAVI and the Global Fund
- Led strategy development for the community organization, Brownsville Partnership, focused on clarifying the non-profit's vision and building a leadership team
- Drafted numerous tenders for our health practice, responding to RFPs with detailed project proposals, drafting project budgets, identifying team member roles, and establishing clear timelines

- Built a strategy for scaling impact for Sesame Street in Communities, Sesame Workshop's trauma-informed care initiative (in partnership with First 5 California, First 5 Los Angeles, the Camden Early Childhood Initiative, and other non-profit organizations dedicated to supporting kids with adverse childhood experiences)
- Coordinated office initiatives to reduce our company carbon footprint and offer pro-bono consulting for local non-profits as the New York Office Climate Lead
- Drafted a presentation on shared decision making and power imbalances in non-profit funding by foundation partners for the World Economic Forum at Davos

ROCKEFELLER FOUNDATION

Senior Consultant (Secondment from Dalberg Advisors)

Remote
January - June 2021

- Supported strategic development of the Covid-19 Health Moonshot program
- Performed literature reviews & compiled recommendations for White House Covid-19 Response Coordinator Jeff Zients on Covid-19 protocols for K-12 schools, including criteria for masking, distancing, and re-opening strategies
- Drafted materials, identified research gaps, and located partnerships to support the growth of the STAT K-12 Action Network across states, which grew to include members from all 50 states, established a \$30 million advanced market commitment, and hosted over 1,200 unique attendees to share knowledge
- Coordinated between pharmaceutical and academic representatives to build the K-12 National Testing Action Program, enabling rapid Covid-19 testing in school settings
- Identified partnerships and institutional structures necessary for a global pandemic surveillance network
- Prepared quarterly presentations to the Board of Directors

HARVARD INTERNATIONAL RELATIONS COUNCIL

President & Board Chair

Cambridge, Massachusetts
September 2015 – April 2019

- Led an organization of 400 members, managing seven independent programs and education initiatives for students around the work
- Managed the non-profit's 501(c)(3) status and annual operating budget of \$900K
- Wrote and disseminated educational materials to >3000 students in Boston, U.S. and Hyderabad, India
- Planned long-term impact initiatives and re-built the financial sustainability strategy, ensuring organizational longevity
- Coordinated between students and alumni

WOMEN'S MEDIA CENTER

Media Analyst & Data Manager

Washington D.C.
May 2017 – December 2018

- Started the first in-house research team in the Women's Media Center
- Led 8 research assistants in analysis projects of top U.S. news media sources in nationally syndicated annual reports
- Co-authored three annual research reports and one special issue, which included coding thousands of media reports
- Constructed & analyzed the data for the "Status of Sexual Assault in the U.S. Media" report, published Oct. 2018
- Designed and built a database for long-term media monitoring efforts
- Developed grant proposals for long-term analysis projects
- Conducted short-term research initiatives and published reports in English and Spanish on policy-relevant topics such as the 2016 election, political recourse for assault, and international perceptions of gender equality

PROJECT ECHO

Intern in Complex Care and Integrated Addictions & Psychiatry

Albuquerque, NM
May 2016 – July 2016

- Implemented a bilingual research project tracking the effectiveness of community health workers in team-based care
- Established an interview coding methodology for review of patient and clinician interviews
- Taught research methodologies to rural physicians
- Proposed a case study model for social interventions in the Integrated Addictions & Psychiatry Unit

FELLOWSHIPS AND GRANTS

Current funding

NATIONAL SCIENCE FOUNDATION

September 2025 – June 2027

Graduate Research Fellowships Program (NSF-GRFP) - Principal Investigator

Category: Social Sciences - Decision Making and Risk Analysis

- Three years of funding support for my research time and efforts during the second half of my PhD, specifically focused on supporting my research on the syndemic of HIV, Hepatitis C, and opioid use disorder. Aim 1: Build a decision analytic model to estimate how different harm reduction interventions mitigate the current syndemic of HIV, HCV, and overdose. Aim 2: Develop a mathematical modeling framework that can balance generalizability and customizability across geographies and sub-populations

STANFORD KING CENTER FOR GLOBAL DEVELOPMENT

November 2025 – November 2026

Exploratory Travel Grant - Principal Investigator

Identifying the causal impact of contraceptive access on health outcomes in Colombia

- Travel funding grant to support data collection, survey dissemination, and qualitative research to understand the potential mechanisms of impact to understand how contraceptive pricing impacts access, health decision making, and fertility outcomes. This supports multiple trips to Colombia for primary data collection and research collaboration

KNIGHT-HENNESSY SCHOLARSHIP PROGRAM

September 2022 – June 2027

Health Policy Scholar

- Official tenure 2022-2025; funding extended through 2027 to complement the NSF-GRFP. Three years of funding support and leadership development programming, covering the full cost of coursework and research time during the first two years of my PhD and my summer quarter for the final three years of my PhD

Previous funding

STANFORD BIO-X

March 2026 – August 2026

Interdisciplinary Initiatives Seed Grants Program – Principal Investigator

The impact of contraceptive pricing on birth outcomes in Colombia

- Support to present my econometrics work on contraceptive pricing at the Society for Medical Decision Making in Oslo, Norway as part of the Lee B. Lusted Student Prize Competition and at the Stanford Bio-X Poster Session

STANFORD CENTER FOR LATIN AMERICAN STUDIES

May 2026 – June 2026

Travel Grant - Principal Investigator

The impact of contraceptive access on health outcomes for women and infants in Colombia

- Support to present my econometrics work on contraceptive pricing at the Society for Medical Decision Making in Oslo, Norway as part of the Lee B. Lusted Student Prize Competition

HARVARD MINDA DE GUNZBURG CENTER FOR EUROPEAN STUDIES

May 2018 – August 2018

Stanley H. Hoffmann Undergraduate Research Travel Fellowship – Principal Investigator

Politicization of European Aid Distribution for the Syrian Refugee Crisis

- Funding to conduct field research in Belgium and Switzerland with members of the EU Commission department for European Civil Protection and Humanitarian Aid (ECHO) and the Office of the United Nations High Commissioner for Refugees (UNHCR) as part of my undergraduate honors thesis in Social Studies (focus field: International Development and the Modern Middle East)

HARVARD COMMITTEE ON ETHNICITY, MIGRATION, RIGHTS

May 2018 – August 2018

Summer Thesis Research Grant – Principal Investigator

Politicization of European Aid Distribution for the Syrian Refugee Crisis

- Complementary travel award supporting my thesis work and field research

HONORS AND AWARDS

[2026 - Milt Weinstein Award for Outstanding Presentation in Applied Health Economics](#) (Lee B. Lusted Award) for “The Impact of Contraceptive Access on Birth Outcomes in Colombia” at the 48th Annual Meeting of the Society Medical Decision Making (SMDM)

2025 - Stanford Graduate Student Community Impact Award from the Stanford Alumni Association for leading the Stanford Refugee Rights Network, mentoring masters and PhD students in biosciences and engineering, and supporting a bi-lingual health literacy project with university janitorial staff

[2024 - Bruce Schackman Award for Outstanding Presentation in Health Services, Outcomes, and Policy](#) Research (Lee B. Lusted Award) for “HCV, HIV, and Overdose Mortality in Large Urban Settings: Modelling Effectiveness of Supervised Injection Facilities” at the 46th Annual Meeting of the Society Medical Decision Making (SMDM)

2024 - Stanford Graduate Student Community Impact Award from the Stanford Alumni Association for work on the Health Policy Community Committee and leadership on the Knight Hennessy Scholar advisory board

2019 - Cum Laude, Harvard University

2019 – High Honors for Undergraduate Thesis, Harvard University

PUBLICATIONS

Peer-reviewed publications

1. **Ennis E**, Halamek L. [Situation awareness in neonatal resuscitation](#). *American Journal of Perinatology*. July 29, 2026.
2. Zhu L, Malgadi L, Wagh I, **Ennis E**, et al. [Health benefits, costs, and cost-effectiveness of jail-based hepatitis C elimination strategies](#). *JAMA Intern Med*. March 23, 2026.

Works in review or preparation

3. **Ennis E**, Gande V, Edwards L, Libed A, Shin A, Scheinker D. Algorithm-enabled NICU transfer planning: a prospective single-center evaluation. *In preparation*.
4. **Ennis E**, Goldhaber-Fiebert J, Reitsma M, Zhu L, Owens DK, Salomon J. Estimating the health impact of an overdose prevention center on HIV, Hepatitis C, and overdose outcomes. *In preparation*.
5. Reitsma M, Zhu L, Symum H, Furukawa N, Broz D, Delaney K, **Ennis E**, et al. Strategies to achieve HIV and HCV infection incidence targets among people who inject drugs: a stochastic network-based multi-disease transmission modeling study. *Submitted*.

Other work

6. Chhatwal L, **Ennis E**. [Discovering IV iron's untapped market in LMICs, drip by drip](#). *Re-solve Global Health*. September 14, 2022.
7. Jayaram S, **Ennis E**, Aghili S, Barringer E. [Expanding abortion access in post-Roe America](#). *Stanford Soc Innov Rev*. August 11, 2022.
8. Women's Media Center. [The Status of Women in the U.S. Media 2019](#). Women's Media Center; 2019.
9. **Ennis E**, Wolfe L. [#MeToo: The Women's Media Center Report](#). Women's Media Center; 2018.
10. Women's Media Center. [The Status of Women in the U.S. Media 2018](#). Women's Media Center; 2018.

11. Women's Media Center. [The Status of Women in the U.S. Media 2017](#). Women's Media Center; 2017.

PRESENTATIONS

1. “The impact of contraceptive pricing on birth outcomes in Colombia,” Stanford Bio-X Poster Session. Stanford, California, August 27, 2026 [prize winner]
2. “The Impact of Contraceptive Access on Birth Outcomes in Colombia,” 48th Annual Meeting of the Society for Medical Decision Making, Lee B. Lusted Poster Presentation. Oslo, Norway, June 28 – July 1, 2026 [prize winner]
3. “The impact of contraceptives on health outcomes in Colombia,” Global Development Research Symposium, Poster Presentation. Stanford, California, April 24, 2026.
4. “Contraceptive Access in Colombia,” Stanford Global and Planetary Health Research Convening, Featured Oral Presentation. Stanford, California, January 28, 2026.
5. “HCV, HIV, and overdose mortality in large urban settings: modelling effectiveness of supervised injection facilities,” 46th Annual Meeting of the Society for Medical Decision Making, Poster Presentation. Boston, October 27-30, 2024. [prize winner]

TEACHING & MENTORSHIP

1. **Graduate mentor for undergraduate research** January 2026 - Present
Stanford University
2. **Grant Writing Peer Mentor for the Biosciences** July 2025 – Present
Stanford University
3. **Graduate Teaching Assistant** August – December 2025
HRP 392: Analysis of Costs, Risks, and Benefits of Health Care – Stanford University
(with Doug Owens and Marissa Rietsma)
4. **Course assistant** Jan 2025 – June 2025
MS&E 463: Healthcare Systems Design
(with David Scheinker and Andy Shin)
5. **Health literacy teacher** Jan 2025 – June 2025
SPANLANG 110SL: Advanced Spanish Service Learning through Campus Worker’s Health

OTHER EXPERIENCE

- ALLIANCE FOR INNOVATION IN GLOBAL HEALTH
Graduate representative for Stanford University August 2025 - Present
- STANFORD GRADUATE GLOBAL HEALTH NETWORK
Co-lead (in coordination with the Center for Innovation in Global Health) August 2025 – Present
- JASPER RIDGE BIOLOGICAL PRESERVE (‘OOTCHAMIN ‘OOYAKMA)
Ranger January 2024 - Present
- STANFORD ALPINE JOURNAL
Editor-in-Chief January 2023 – Present

DEPT. OF HEALTH POLICY COMMUNITY COMMITTEE
Student Representative

November 2023 – August 2026

STANFORD REFUGEE RIGHTS NETWORK
Director

September 2024 – December 2025

BAY AREA COMMUNITY HEALTH
Health Resource Fair Volunteer

August 2024 – November 2024

EMPHASIZED PROFICIENCIES

Programming / software:

Proficient: R, Amua, SAS, Stata, Qualtrics, SurveyCTO, Excel, PowerPoint, Adobe InDesign

Intermediate: Git/GitHub, Python, HTML/CSS, REDCap, SQL

Methodologies: simulation modeling (discrete events/ Markov, agent-based/microsimulation, queueing, Monte Carlo, probabilistic sensitivity analysis), decision analysis and cost-effectiveness, causal inference and econometrics (regression, instrumental variables, difference-in-differences, synthetic control), machine learning & data science (predictive modeling, natural language processing, data visualization), qualitative methods (survey design, focus groups, & interview coding)

AI-Augmented Research: proficient with AI tools (Claude, Claude Code, GPT-4, Perplexity, Elicit, Cursor) including prompt engineering and AI-assisted coding & literature synthesis for more efficient research

Languages: English (native), Spanish (professional working proficiency), Arabic (elementary proficiency), French (beginner)

REFERENCES

Joshua Salomon, PhD

Dissertation Advisor

Professor of Health Policy (Decision Sciences), Stanford University

Director of the Prevention Policy Modeling Lab (PPML)

Email: salomon1@stanford.edu

Douglas K Owens, MD

Dissertation Advisor

Professor & Chair of the Department of Health Policy, Stanford University

Email: owens@stanford.edu

Natalia Serna, PhD

Dissertation Advisor

Professor of Health Policy (Health Economics), Stanford University

Email: nserna@stanford.edu

ADDITIONAL REFERENCES

David Scheinker, PhD | Professor of Pediatrics, Stanford University dscheink@stanford.edu

Margaret Brandeau, PhD | Professor of Management Science & Engineering, Stanford University brandeau@stanford.edu

Louis Halamek, MD | Professor of Pediatrics, Stanford University halamek@stanford.edu

Erin Barringer | Partner & Health Practice Lead, Dalberg Global Development Advisors erin.barringer@dalberg.com

Anne Becker, MD | Professor of Global Health & Social Medicine, Harvard Medical School anne_becker@hms.harvard.edu

Jonathan Hansen, PhD | Senior Lecturer on Social Studies, Harvard University jhansen@fas.harvard.edu