

ENRIQUE M. SALDARRIAGA

Health Economist. PhD candidate & Research Assistant, The CHOICE Institute



EDUCATION

2022
(expected)

University of Washington

PhD in Health Economics

Seattle, WA

Dissertation: The value of reducing uncertainty of HIV-prevalence estimates at the zip code level

2015

University Cayetano Heredia

MS Epidemiology

Lima, Peru

Thesis: Income-Elasticity of Body Mass Index across categories of wealth

2011

University of the Pacific

BS Economics

Lima, Peru

Thesis: Cost-benefit analysis of enhancing the primary care in Peru



RESEARCH EXPERIENCE

Sep. 2017

Research Assistant

University of Washington

Seattle, WA

Conducted supervised independent research in economic evaluation of competing alternatives for healthcare, mathematical modeling of cervical cancer and HIV, preferences elicitation, econometric modeling, spatial analysis and disease mapping of infectious diseases.

Apr. –
Aug. 2017

Unit Chief, Vice Ministry of Healthcare and Insurance

Ministry of Health

Lima, Peru

Lead the creation of an intelligence unit to help monitoring general performance, achievements, and deficiencies of all healthcare facilities under the purview of the Ministry.

Jul. 2014
–
Mar. 2017

Researcher

School of Public Health, University Cayetano Heredia

Lima, Peru

Conducted economic evaluations of new technologies for screening and treatment of sexually transmitted disease and public policy analysis of the healthcare system.



SELECTED PUBLICATIONS

2021

Assessing payers' preferences for Real World Evidence in the United States: A Discrete Choice Experiment

Value in Health, Ahead of press

Saldarriaga, EM, Hauber, B, Carlson, JJ, Barthold, D, Veenstra, DL, Devine, B

2021

HIV-prevalence mapping using Small Area Estimation in Kenya, Tanzania, and Mozambique at the first sub-national level

Annals of Global Health. 2021;87(1)

Saldarriaga, EM

2021

Cost-Effectiveness Analysis of A Program to Delay Progression to Dialysis and Death Among CKD Patients in Lima, Peru

Cost Effectiveness and Resources Allocation (CERA) Journal, 2021;19(1)

Saldarriaga, EM, Bravo-Zúñiga J, Hurtado-Roca Y, Suarez V



My expertise in a nutshell

CONTACT

✉ emsb@uw.edu

🌐 [Personal website](#)

SKILLS

Coding Languages R, Stata, Python, Stan, JAGS

Decision sciences Decision modeling, economic evaluation, preferences elicitation, uncertainty assessment, disease modeling

Data Analysis Generalized linear models & methods for causal inference; Complex structures; Bayesian regression; Spatial analysis of epidemiological data; Supervised learning

Data visualization. Data storytelling and scientific communication

Last update on Dec 2021.

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SELECTED MANUSCRIPTS UNDER REVIEW OR PREPARATION

- **Cost of community-based human papillomavirus self-sampling in Peru: a micro-costing study.**
The Lancet Global Health. In press.
Shin MB, Fiestas JL, **Saldarriaga EM**, Barnabas RV, Gimbel S, Garcia PJ.
- **Finding and Treating Early Stage HIV Infections: A cost-effectiveness analysis of the SABES study in Lima, Peru.**
Submitted.
Ulrich A, Adamson B, **Saldarriaga EM**, et al.
- **Estimating HIV-prevalence point estimates and uncertainty bounds at the zip code level using existing data. Case of study in Atlanta, Georgia.**
In preparation
Saldarriaga EM, Basu A.



TEACHING EXPERIENCE

- 2020 - ● **Teaching Assistant in the Certificate in Health Economics and Outcomes Research**
The CHOICE Institute, University of Washington 📍 Seattle, WA
- 2015 | ● **Lecturer in Economics**
School of Public Health, University Cayetano Heredia 📍 Lima, Peru
- 2016 | ● **Teaching Assistant in Microeconomics and Econometrics**
School of Economics, University of the Pacific 📍 Lima, Peru
- 2010 | ● **Teaching Assistant in Microeconomics and Econometrics**
School of Economics, University of the Pacific 📍 Lima, Peru
- 2014 |



HONORS

- 2021 ● **Lusted Award Winner for Outstanding Presentation in Quantitative Methods and Theoretical Developments**
43rd Annual Meeting of the Society for Medical Decision Making (SMDM)
- 2021 ● **2021 Louis Sr. and Marilyn Garrison Endowed Prize in Health Policy and Economics**
The CHOICE Institute, University of Washington.
- 2021 ● **Rubenstein Endowment Grant to support Dissertation research.**
School of Pharmacy, University of Washington.
- 2018 ● **Stergachis Endowed Fellowship for International Exchange Award.**
Department of Global Health, University of Washington.
- 2015 ● **Full-tuition Scholarship for the MS in Epidemiology.**
School of Public Health, University Cayetano Heredia



SERVICE

- 2020 - ● **Graduate student representative in the School of Pharmacy Diversity, Equity, and Inclusion Council (DEIC)**
- 2020 - ● **Reviewer Journal of Biomedical Informatics & Value in Health Regional Issues**
- 2020 ● **Student representative in the CHOICE Institute PhD Admission Committee**
- 2019 ● **President of the University of Washington's ISPOR Student Chapter**