ENRIQUE M. SALDARRIAGA

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

My expertise in a nutshell

🏛 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

Sept. 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

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 Nov 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.
Submitted, round 1 of revision.
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
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2016
Lecturer in Economics
School of Public Health, University Cayetano Heredia
◆ Lima, Peru

2010
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2014
Teaching Asssistant in Microeconomics and Econometrics
School of Economics, University of the Pacific
◆ Lima, Peru

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