ENRIQUE M. SALDARRIAGA

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

My expertise in a nutshell

🏛 EDUCATION

2022 (expected)

University of Washington
PhD student 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 – present

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

2020

Household socioeconomic status modifies the association between neighborhood SES and obesity in a nationally representative sample of first grade children in the United States
Preventive Medicine Reports 20, 101207 (2020)

Miller, M., **Saldarriaga, E.M.** & Jones-Smith, J.C.

2020

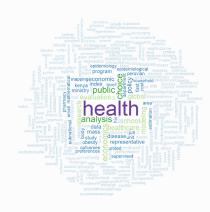### Effectiveness of adherence to a renal health program in a health network in Peru.
Revista de Saudé Pública. 2020;54(7)

Bravo-Zúñiga J., **Saldarriaga E.M.**, Chavez-Gomez R., et al.

2018

Challenges and Priorities: Peruvian policy in adolescents and youth
Lima, PE: The United Nations System in Peru; 2018 Sep p. 82.

Lescano A., Antiporta D., Luna A., **Saldarriaga E.M.**, et al.

CONTACT INFO

✉ emsb@uw.edu

 github.com/emsaldarriaga

 researchgate.net/ES

📞 +1 206.573.3133

SKILLS

Coding Languages R, Stata, Python (libraries Numpy, SciPy, Pandas), Stan, JAGS

Decision sciences Probabilistic 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

Last update on Sep 2021.

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SELECTED MANUSCRIPTS UNDER REVIEW

2021

HIV-prevalence mapping using Small Area Estimation in Kenya, Tanzania, and Mozambique at the first sub-national level
Annals of Global Health, Accepted
Saldarriaga, E.M.

2021

The Annual Costs of Treating Genital Warts in the Public Healthcare Sector in Peru
BMC Health Services, Accepted
Saldarriaga, E.M., Cárcamo, C., Babigumira, J., García, J.

Assessing payers' preferences for Real World Evidence in the United States: A Discrete Choice Experiment
Second review
Saldarriaga, EM, Hauber, B., Carlson, J.J., Barthold, D., Veenstra, D.L., Devine, B.

Cost-Effectiveness Analysis of A Program to Delay Progression to Dialysis and Death Among CKD Patients in Lima, Peru
Second review
Saldarriaga, EM, Bravo-Zúñiga J, Hurtado-Roca Y., Suarez V.

SELECTED CONFERENCE PRESENTATIONS

2021

Assessment of Payers' Preferences for Real World Evidence: A Discrete Choice Experiment
International Health Economics Association (iHEA) 📍 Virtual
Saldarriaga EM, Hauber B, Carlson J, Barthold D, Veenstra D, Devine B

2019

Health Mass Index: Obesity Metrics to Reflect Health Rather Than Growth
Society for Medical Decision Making (SMDM) 📍 Portland, Oregon
Saldarriaga EM, Basu A.

2019

SABES: A cost effective TasP intervention to identify and treat recent HIV infections
Clinic on Meaningful Modeling of Epidemiological Data (MMED) 📍 Cape Town, South Africa
Saldarriaga EM, Ulrich AK, Adamson BJ, Duerr A.

2019

Income-Elasticity of the Body Mass Index. Results from a Peruvian Household Survey
International Society for Pharmaceuticals and Outcomes Research (ISPOR) 📍 New Orleans, Louisiana
Saldarriaga EM, Carcamo C. C.

TEACHING EXPERIENCE

**2020
|
present**

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   **2021 Louis Sr. and Marilyn Garrosin 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 | present   **Graduate student representative in the School of Pharmacy Diversity, Equity, and Inclusion Council (DEIC)**

2020 | present   **Reviewer Journal of Biomedical Informatics & Value in Health Regional Issues**

2020   **Student representative in the CHOICE Institute PhD Admission Committee**

2019 | 2020   **President of the University of Washington's ISPOR Student Chapter**