

# ENRIQUE M. SALDARRIAGA

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

## 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

- 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, E.M.
- 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. 2020;20  
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 Salud Pública. 2020;54(7)  
Bravo-Zúñiga J., Saldarriaga E.M., Chavez-Gomez R., et al.



*My expertise in a nutshell*

## CONTACT INFO

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🌐 [github.com/emsaldarriaga](https://github.com/emsaldarriaga)  
📄 [researchgate.net/ES](https://researchgate.net/ES)  
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## 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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- 2018 ● **Challenges and Priorities: Peruvian policy in adolescents and youth**  
 Lima, PE: The United Nations System in Peru; 2018  
 Lescano A., Antiporta D., Luna A., **Saldarriaga E.M.**, et al.



## SELECTED MANUSCRIPTS UNDER REVIEW

- 2021 ● **Assessing payers' preferences for Real World Evidence in the United States: A Discrete Choice Experiment**  
 Value in Health, Accepted  
**Saldarriaga, EM**, Hauber, B., Carlson, J.J., Barthold, D., Veenstra, D.L., Devine, B.
- 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.
- 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, Accepted  
**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 Assistant 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  
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present • **Reviewer Journal of Biomedical Informatics & Value in Health Regional Issues**
- 2020 • **Student representative in the CHOICE Institute PhD Admission Committee**
- 2019  
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2020 • **President of the University of Washington's ISPOR Student Chapter**