

# ENRIQUE M. SALDARRIAGA

Health Economist. PE Fellow, Div. STD Prevention, CDC



## EDUCATION

- 2022 • **University of Washington**  
PhD in Health Economics 📍 Seattle, WA  
Dissertation: The Value of using local data to allocate resources to fight the HIV Epidemic. Case of study in Atlanta, Georgia
- 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



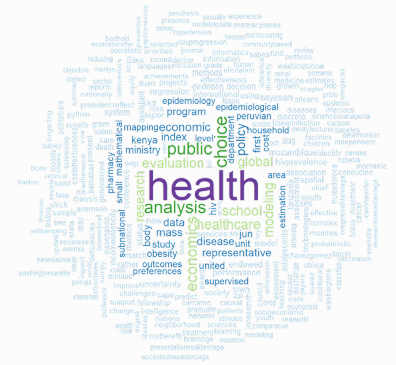
## POSITIONS

- Aug. 2022 – • **Prevention Effectiveness Fellow (Incoming)**  
Division of STD Prevention, CDC 📍 Atlanta, GA
- Sep. 2017 – Jun. 2022 • **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.
- 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

- 2022 • **Finding and treating early-stage HIV infections: A cost-effectiveness analysis of the Sabes study in Lima, Peru.**  
The Lancet Regional Health - Americas. 2022 Aug 1;12:100281  
Ulrich A, Adamson B, **Saldarriaga EM**, et al.
- 2022 • **Assessing payers' preferences for Real World Evidence in the United States: A Discrete Choice Experiment**  
Value in Health. 2022 Mar 1;25(3):443–50.  
**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**



*My expertise in a nutshell*

## CONTACT

✉ [emsb@uw.edu](mailto: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 Jul 2022.*

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## SELECTED MANUSCRIPTS UNDER REVIEW OR PREPARATION

- **Cost-effectiveness analysis of various ways to allocate healthcare resources at the local level using prevalent cases of HIV as a proxy for needs. Case of study in Atlanta, Georgia (Dissertation aim)**  
In preparation  
**Saldarriaga EM**, Barnabas R, Zimmermann M, et al.
- **Using sociodemographic and political data to identify COVID-19 vaccine hesitancy predictors in the US**  
In preparation  
**Saldarriaga EM**
- **Estimating HIV-prevalence point estimates and uncertainty bounds at the zip code level using existing data. Case of study in Atlanta, Georgia.**  
Submitted  
**Saldarriaga EM**, Basu A.



## TEACHING EXPERIENCE

- 2020  
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2022 • **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

- 2022 • **Schoolwide Outstanding Dissertation Award. School of Pharmacy**  
University of Washington
- 2022 • **3 Minute Thesis Competition Grand Prize Winner**  
University of Washington
- 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.



## SERVICE

- 2020 - • **Reviewer Journal of Biomedical Informatics & Value in Health Regional Issues**
- 2020  
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2022 • **Graduate student representative in the School of Pharmacy Diversity, Equity, and Inclusion Council (DEIC)**
- 2020 • **Student representative in the CHOICE Institute PhD Admission Committee**
- 2019 • **President of the University of Washington's ISPOR Student Chapter**