

# GSHAN IRIGOIN

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Bachelors degree in Economics from the Pontifical Catholic University of Peru (PUCP), with a strong interest in development economics and the use of causal inference to inform public policy. Experience working with applied microeconometrics and data analysis, particularly using Stata, Python, and R. I have contributed to the analysis of randomized controlled trials (RCTs) focused on Intimate Partner Violence (IPV) and education programs, applying quantitative methods to better understand program impacts.

## EDUCATION

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### **Pontifical Catholic University of Peru (PUCP)**

2014 – 2019

B.Sc. in Economics

First Class Honors

Relevant coursework: Econometrics, Statistics, Math, Advanced Microeconomic Theory (MA), Advanced Econometrics and Impact Evaluation Methods (MA)

### **High-Performance Public School (COAR-Lima)**

2011 – 2013

Full academic scholarship for high school studies awarded by the Peruvian government (top 0.1% nationwide)

## WORKING EXPERIENCE

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### **Duke Development Economics Lab**

present

*Predoctoral Research Fellow/Associate in Research*

Conduct empirical research on development economics and governance. Employment of advanced data analysis and econometric modeling using Stata, Python and R. Cleaning and managing large-scale administrative and survey datasets, implementing causal inference techniques, and contributions to literature reviews, research design, and draft writing. Collaboration with Principal Investigator from Duke and partner institutions to support impact evaluations in Peru and Latin America.

### **Innovations for Poverty Action (IPA)**

2023-2024

*Associate Research Manager*

Led coordination of large-scale research projects between international academic teams (Duke, Oxford, Harvard, World Bank, IDB) and Peruvian government institutions, particularly the Ministry of Women and Vulnerable Populations (MIMP). Managed partnerships to design and implement RCTs on gender, violence prevention, and public service delivery. Oversaw proposal development and contributed to securing competitive research funding (NIH, DIV, IGI, J-PAL, World Bank, IDB). Provided strategic input on study design, impact evaluation, and policy translation. Supported the dissemination of findings through presentations and reports for academic and non-academic audiences. Managed project finances, tracked budgets, and ensured timely deliverables for multiple funders.

### **World Bank**

2022,2023

*Short-Term Temporary(STT)*

Used Python to program and schedule reminder messages through Twilios WhatsApp/SMS API, aiming to increase take-up rates for baseline and endline surveys among students in an educational training program.

**Innovations for Poverty Action (IPA)**

2020-2022

*Research Associate*

Led data cleaning and survey programming using SurveyCTO for large-scale impact evaluations on IPV across Peru, using Stata and R for analysis. Contributed to the design and piloting of survey instruments, including sensitive DHS survey modules for both remote and in-person data collection, ensuring high standards of data quality and respondent privacy. My role involved extensive travel to rural communities to supervise data collection, train enumerators, monitor field implementation, and maintain rigorous data quality control. Additionally, I collaborated closely with the MIMP on the flagship *Leaders in Action* program, an innovative IPV prevention initiative combining household and group workshops with edutainment videos. Another project I led was *Hablemos Entre Patas*, currently under consideration for large-scale piloting by the MIMP as their first RCT based on local evidence to reduce IPV in Peru.

**Ministry of Economy and Finances (MEF)**

March 2020

*Consultant*

Performed simulations with salary databases of different public entities aiming to design a methodological report that regulates the salary increase of public sector workers under the Collective Bargaining Law and Fiscal Budgetary Rules.

**Pontifical Catholic University of Peru (PUCP)**

Oct 2019 - Feb 2020

*Research Assistant*

Worked in projects related to the impact of using technologies on firms labor productivity. Processed data from Census and national surveys (ie; ENAHO, EEA, EPE, ENIIM), as well as collected administrative data from different Peruvian Ministries.

**Innovations for Poverty Action (IPA)**

Jan 2019 - July 2019

*Internship/Intern*

Supported rural field training and operations in rural Paraguay. It includes data collection for the screening exercise and baseline on a microfinance project.

**Central Reserve Bank of Peru (BCRP)**

Aug 2018 - Dec 2018

*Intern*

Worked in the Department of Social and Regional Policies and assisted on administrative data collection to give reports related to health reform in Peru and migration patterns.

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**RESEARCH ACTIVITY****Work In Progress**

*Using Surnames to Predict Social Integration in Peru.* Miriam Artiles, Gshan Irigoin. Draft in progress.

**Research Assistance and Pre-doctoral Support**

*Leaders in Action, a Peruvian Government Intervention to Reduce IPV in Rural Areas.* Erica Field, Livia Schubiger, Javier Romero, Ursula Aldana, Ferran Vega. Draft in progress.

*Guy Talk: Catalyzing Peer Effects on IPV through Virtual Support Groups for Men.* Christopher Boyer, Erica Field, Rachel Lehrer, Andrew Morrison, Claudia Piras. Working Paper.

*Ethnic Diversity, Historical Economic Exchange, and Development: Evidence from Andean Peru* Miriam Artiles. Forthcoming in *AEJ: Applied Economics*.

*COVID-19, Job Loss, and Intimate Partner Violence in Peru.* Jorge Agero, Erica Field, Javier Romero, Ignacio Rodrguez. *Economic Development and Cultural Change*, October 2024.

*Is Remote Sensing Data Useful for Studying the Association between Pandemic-Related Changes in Economic Activity and Intimate Partner Violence?* Jorge Agero, Erica Field, Javier Romero, Ignacio Rodrguez. *AEA Papers and Proceedings*, May 2022.

*Cadenas Globales de Valor de Exportacin de los Pases de la Comunidad Andina.* Mario Tello. PUCP Working Paper, June 2021.

*Governance and Regulation of the Peruvian University System: Overcoming Reform Resistance through Quality Assurance Policies.* Jos Tvora. *Bulletin of Latin American Research*, June 2021.

## SOFTWARES

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<b>Modeling and Analysis</b>	Stata, Python, R
<b>Software and Tools</b>	Latex, SurveyCTO, MS Office, Twilio
<b>Languages</b>	Spanish(native), English(advanced C1)

## SCHOLARSHIPS AND AWARDS

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### **BCP Full Undergraduate Scholarship (2014–2019)**

Received a fully funded scholarship for undergraduate studies (tuition + stipend), awarded by the Credit Bank of Peru (BCP). Selected as one of only two recipients per graduation cohort from COAR-Lima (out of 300 students), based on academic excellence and competitive evaluations.

### **Merit Award for Academic Excellence, PUCP (2014)**

Recognized with a merit-based scholarship by Pontifical Catholic University of Peru (PUCP) for ranking 1st among all first-semester Economics students. Awarded at the beginning of undergraduate studies for outstanding academic performance.

### **Full Secondary School Scholarship, COAR-Lima (2011–2013)**

Awarded a highly competitive fully funded scholarship by the Peruvian Government to attend COAR-Lima, the top public high school in Peru (boarding school). Selected as one among thousands of applicants from all public schools across the country. Eligibility restricted to students ranked 1st or 2nd in their respective school in 2010.

## REFERENCES

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Erica Field, PhD, James B. Duke Distinguished Professor of Economics at Duke  
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Livia Schubiger, PhD, Professor of International Relations and Data Science at ETH Zurich  
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Miriam Artiles, PhD, Assistant Professor of Economics at PUC-Chile  
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