

STEPHY RIEGA ESCALANTE

sriega@uchicago.edu | Chicago, IL / Lima, Peru

EDUCATION

The University of Chicago <i>Real Analysis I, completed with academic distinction</i> <i>Price Theory I, in progress</i>	Chicago, IL 2026
Pontifical Catholic University of Peru (PUCP) <i>Diploma of Specialization in Data Science for Social Sciences and Public Policy</i> <i>BA in Economics, First Class Honours</i>	Lima, Peru 2023 2022

RESEARCH EXPERIENCE

University of Chicago Crime Lab and Education Lab <i>Research Analyst</i>	Chicago, IL November 2023 – Present
---	--

- **Policing Leadership Academy (PLA)** – Multi-site RCT evaluating commander-level leadership training in U.S. police departments. With Prof. Max Kapustin and Dr. Kailey White.
 - Lead randomization, data analysis and impact analysis of World Management Survey (WMS) outcomes for a violence reduction RCT testing whether leadership training improves managerial practice.
 - Delivered a paired pre-post analysis of WMS scores to program leadership; with a few dozen units observed at both waves, reported the minimum detectable effect alongside three inference procedures read jointly rather than relying on a single p-value.
 - Built and harmonized a national dataset integrating FBI and ACS data for compliance tracking and eligibility screening.
- **Personalized Learning Initiative (PLI)** – Large-scale multi-site RCTs evaluating high-dosage tutoring interventions in U.S. public schools. With Prof. Jens Ludwig and Dr. Fatemeh Momeni.
 - Contributed to experimental design, data analysis and causal impact estimation across multiple districts. Led analysis for the Miami-Dade site across years.
 - Identified and corrected a logic bug in the core modeling function affecting clustered standard errors. Developed and implemented multi-way clustering for treatment effect estimation across sites.
 - Conducted robustness and specification diagnostics for validation, including alternative clustering levels, reduced sample definitions, missing-data specifications, and falsification and predictive tests.

Group for the Analysis of Development (GRADE) <i>Research Assistant; Research Intern</i>	Lima, Peru Apr 2023 – Oct 2023; Feb 2021 – Jul 2021
--	--

- Contributed to the design and pre-analysis plan of a remote math tutoring RCT in 60 schools in Ayacucho, published as Leon, Endo, Zoido and Suarez (2026). With Prof. Juan Leon.
- Co-developed and validated survey instruments measuring academic beliefs and performance.
- Constructed panel datasets and estimated event-study models analyzing fertility trends in Peru using ENDES (1996–2020).
- Contributed to impact evaluation research on labor formalization interventions targeting micro-entrepreneurs in Brazil. With Prof. Martin Valdivia.

Innovations for Poverty Action (IPA) <i>Research Analyst; Research Intern</i>	Lima, Peru Nov 2021 – Mar 2023; Aug 2021 – Oct 2021
---	--

- Contributed to the design, pre-analysis plan development, and data collection of RCTs evaluating social-emotional learning, growth mindset tutoring, and intimate partner violence interventions in El Salvador, Nicaragua, and Peru.
- Presented empirical findings to government and non-profit partners. Supervised field implementation and treatment monitoring.
- Developed WhatsApp-based survey and monitoring systems using Twilio and Google APIs.

PUBLICATIONS AND CONTRIBUTIONS

Riega, S. (2025). Not One Less in the Labor Market: The Vulnerability of Women's Employment in Urban Peru in 2019. PUCP and Consorcio de Investigación Económica y Social (CIES-UNFPA).

Leon, J., Endo, J., Zoido, P. & Suarez, S. (2026). Remote Tutoring for Learning Recovery: Experimental Evidence from a Low-Tech Intervention in Peru. *International Journal of Educational Development*, 125, 103654. *Contributor*

University of Chicago Education Lab (2025). Personalized Learning Initiative Interim Report: Findings from 2023–24. *Contributor*

HONORS AND AWARDS

First Place, XXXI CIES-UNFPA Annual Research Competition	2025
PUCP Research Grant Recipient for Undergraduate Thesis	2020

SKILLS

Programming: R (advanced), Stata, Python, SQL **Tools:** Git, $\text{\LaTeX}$, Quarto, SurveyCTO
Languages: Spanish (native), English (fluent) **Interests:** Education, Crime, Gender, Labor