

## EDUCATION

**University of Connecticut** Storrs, CT  
MS Student in Applied & Resource Economics 2025 – 2027

**University of Connecticut** Storrs, CT  
MA in Latino and Latin American Studies | *Cumulative GPA: 3.5/4.0* 2024

**Universidad Nacional Mayor de San Marcos** Lima, Peru  
Bachelor in Economics | *Ranked in the top quintile of the class* 2016

## GRADUATE RELEVANT COURSES (2022-2024)

Environmental Economics, Advanced Labor Economics II, Macroeconomic Theory I	Department of Economics
Reinforcement Learning, Bayesian Machine Learning	Department of Computer Science and Engineering
Computational Physics (Numerical methods & Supercomputing)	Department of Physics
Spatial Analysis of Social Issues	Department of Geography

## PROFESSIONAL AFFILIATIONS

**Board Member**, Hispanic Alliance of Southeastern Connecticut Dec 2023 – Present

**Affiliated Researcher**, Universidad del Pacífico - Centro de Investigación (CIUP) Jun 2022 – Present

**Affiliated Researcher**, Universidad del Pacífico - Centro de Estudios sobre Minería y Sostenibilidad (CEMS) May 2022 – Present

## RESEARCH INTERESTS

Economic development, regional economics, spatial economics, urban economics, economic history, human capital

## WORK EXPERIENCE

**Graduate Research Assistant | Puerto Rican Studies Initiative** Aug 2025 – Present  
University of Connecticut Storrs, CT  
*Supervisor: Charles R. Venator Santiago, Ph.D.*

**Economic Consultant | Institutions for Development Sector** Oct 2024 – Aug 2025  
Inter-American Development Bank Remote, Washington DC  
*Supervisor: Hongrui Zhang, MPA*

**Research Specialist-Economic Analyst | El Instituto** Aug 2024 – Aug 2025  
University of Connecticut Storrs, CT  
*Supervisor: Charles R. Venator Santiago, Ph.D.*

**Graduate Research Assistant | El Instituto** Aug 2022 – Aug 2024  
University of Connecticut Storrs, CT  
*Supervisor: Charles R. Venator Santiago, Ph.D. (Jan 2023 – Aug 2024)*  
*Supervisor: Katerina Gonzalez Seligmann, Ph.D. (Jan 2023 – Aug 2023)*  
*Supervisor: Jorge M. Agüero, Ph.D. (Aug 2022 – May 2023)*

**Economics Consultant | Research Department** May 2020 – Jul 2022  
Inter-American Development Bank Remote, Washington DC  
*Supervisor: Juan Pablo Chauvin, Ph.D (Dec 2020 – Jul 2022)*  
*Supervisor: Julián Cristia, Ph.D (May 2020 – Apr 2021)*

**Senior Research Assistant | Macroeconomics and International Policy** Aug 2017 – Feb 2021  
Research Center of Universidad del Pacífico Lima, Peru  
*Supervisor: Bruno Seminario, Ph.D.*

**Senior Research Assistant | Marketing Group** Jan 2016 – Dec 2019  
Universidad Carlos III de Madrid Remote, Madrid-Spain  
*Supervisor: Jaime Rivera, Ph.D.*

**Internship | Macroeconomic Models Department** Jul 2015 – Dec 2015  
Central Bank of Peru Lima, Peru  
*Supervisor: Marco Ortiz, Ph.D.*

## TEACHING EXPERIENCE

### Guest Lecturer - School of Management (undergraduate)

Universidad de los Andes

May 2025

Bogota, Colombia

- Machine learning applications - *ADMI1301: Programming*

### Teaching Assistant - Department of Economics (undergraduate)

Universidad del Pacífico

Aug 2018 – Jul 2022

Lima, Peru

- International Macroeconomics - *Professor: Marco Ortiz* (2020-I, 2020-II, 2021-I, 2021-II, 2022-I)
- Advanced Macroeconomics - *Professor: Marco Ortiz* (2018-II, 2019-I, 2019-II, 2020-I)
- Economic Growth - *Professor: Marco Ortiz* (2019-I, 2019-II)
- Introductory Macroeconomics - *Professor: Jorge Marcelo Franco* (2018-II)

### Teaching Assistant - Faculty of Economic Sciences (undergraduate)

Universidad Nacional Mayor de San Marcos

Mar 2016 – Jul 2017

Lima, Peru

- Advanced Macroeconomics - *Professor: Juan Mendoza* (2016-I, 2017-I)
- International Monetary Theory - *Professor: Juan Mendoza* (2016-II)
- Advanced Microeconomics - *Professor: Derry Quintana* (2016-II)

## PUBLICATIONS

### Refereed journal articles

"Socioeconomic status and mobility during the COVID-19 pandemic: An analysis of eight large Latin American cities" (with Daniel Aromí, M. Paula Bonel, Julián Cristia & Martín Llada), *Latin American Economic Review*, 31, 1-28, 2022.

"Determinants of the evolution of the number of COVID-19 cases and deaths in Peru: Mobility, geography and economic development" (with Bruno Seminario, Vanessa Berrocal & Analucía Gastiaburú), *Apuntes*, 91, 4-45, 2022.

### Books

"Estimation of GDP at the subnational level using satellite data of night lights: Peru 1993-2018" (with Bruno Seminario), *Universidad del Pacífico, Research Document*, 2022. ([Original in Spanish](#))

### Book chapters

"Concentration of economic activity and population in Peru, 1795-2018" (with Bruno Seminario). In *A search of integral development: 20 essays on the bicentennial of Peru*, Arlette Beltrán, Cynthia A. Sanborn & Gustavo Yamada (editors), Lima: Universidad del Pacífico, 2021. ([Original in Spanish](#))

"Peruvian regional inequality: 1847-2017" (with Bruno Seminario & María Alejandra Zegarra). In *Time and Space: Latin American Regional Development in Historical Perspective*, Daniel A. Tirado-Fabregat, Marc Badia-Miró & Henry Willebald (editors), London: Palgrave Macmillan, 2020.

### Working papers

"The Macro-Economic Effects of Hurricanes in The Bahamas: A Case Study Using Satellite Night Light Luminosity" (with María Alejandra Zegarra, Laura Giles & Mikael Gartner), *Inter-American Development Bank, Catalogs and Brochures*, 2021

"Estimation of departmental GDP and analysis of regional inequality in Peru: 1795-2017" (with Bruno Seminario & María Alejandra Zegarra), *Inter-American Development Bank, Working Paper* 1016, 2019. ([Original in Spanish](#))

### Reports

"Demographic and Employment Profile of Peruvians in Connecticut, 2000-2022" (with Charles R. Venator-Santiago), *University of Connecticut, Puerto Rican Studies Initiative*, 2024.

"Puerto Rican and Hispanic or Latino Population Growth in Connecticut by Decade, 1850-2021" (with Charles R. Venator-Santiago), *University of Connecticut, Puerto Rican Studies Initiative*, 2024.

"Persistent Inequalities: A Demographic and Socioeconomic Profile of Puerto Ricans and Latinos in Connecticut, 2000-2022" (with Charles R. Venator-Santiago), *University of Connecticut, Puerto Rican Studies Initiative*, 2024.

"Historical income and poverty profile of Puerto Rican migrants and Latin American immigrants in Connecticut, 2000-2021" (with Charles R. Venator-Santiago), *University of Connecticut, Puerto Rican Studies Initiative*, 2023.

"Historical labor force and employment profile of Puerto Ricans and Latin American immigrants in Connecticut, 2000-2021" (with Charles R. Venator-Santiago), *University of Connecticut, Puerto Rican Studies Initiative*, 2023.

"Puerto Rican and Latin American migration to Connecticut, 2010-2021" (with Charles R. Venator-Santiago), *University of Connecticut, Puerto Rican Studies Initiative*, 2023.

"How can we promote the use of learning platforms? Results of a pilot study in Chile" (with Elena Arias Ortiz & Julián Cristia), *Inter-American Development Bank, Technical Note* 2403, 2021. ([Original in Spanish](#))

"Impact of Hurricane Dorian in The Bahamas: A view from the sky" (with María Alejandra Zegarra, Juan Pedro Schmid & Bruno Seminario), *Inter-American Development Bank, Technical Note* 1857, 2020.

“Impact of the Pandemic on the World Economy and the Peruvian Economic Model - An Approach” (with Bruno Seminario, Gonzalo Pastor, Vanessa Berrocal & Kathiusca Montenegro), *Foco Económico*, 2020. [\(Original in Spanish\)](#)

“Peru: Estimating the Macroeconomic Impact of COVID-19” (with Bruno Seminario & Gonzalo Pastor), *Foco Económico*, 2020. [\(Original in Spanish\)](#)

## RESEARCH IN PROGRESS

“Monitoring Poverty through News Discourse and Machine Learning: Evidence from Peru” (with Javier Beverinotti).

“Mining and economic development at the subnational level in Peru, 1993-2018” (with Gonzalo Delgado & Álvaro Paredes).

“Contributory Pension Coverage in Chile, Colombia, and Peru” (with María Amparo Cruz-Saco, Mirian Gil & Favio Leiva).

“Peruvian Income Inequality: Social Table Analysis, 1795-2020” (with Favio Leiva).

“Mining and productive linkages at the subnational level in Peru” (with Gonzalo Delgado, & Álvaro Paredes).

“Sustainability of agriculture and livestock in mining and non-mining regions in Peru” (with Jhinia Garcia & David Barraza Salguero).

## REFEREE SERVICE

PLOS ONE, Cuadernos de Economía (Colombia)

## PRESENTATIONS

LASA 2025	2025
Universidad del Pacífico (Peru); LASA 2024; CALAHE 2024; University of Connecticut-El Instituto (CO-Organizer)	2024
Asociación Peruana de Historia Económica (Peru); University of Valencia (Spain); Nagoya University (Japan)	2023
WEHC 2022 (CO-Organizer); CLADHE 2022 (CO-Organizer)	2022

## AWARDS

University of Connecticut - <i>El Instituto</i>   Travel Fellowship (500 USD)	2024
University of Connecticut - <i>El Instituto</i>   Research Fellowship (2275 USD)	2023
University of Connecticut - <i>El Instituto</i>   MA Program - Graduate Assistantship (100%)	2022-2024
WEHC 2022 (1500 EUR)	2021

## GRANTS

Universidad del Pacífico - VRI (25,000 USD)   CO-PI	2023
Universidad del Pacífico - CEMS (2,000 USD)   CO-PI	2023

## SKILLS AND PERSONAL INFORMATION

### Software

*Advanced:* Python, R, Stata, Eviews, Matlab, GIS (ArcGIS, QGIS), Excel, SQL,  $\LaTeX$

*Intermediate:* Julia, C++, JavaScript, GitHub, HTML, SPSS, Fortran, Mathematica, Dashboards (Power BI, Tableau, ArcGIS)

### Cloud computing

*Advanced:* Amazon Web Services (S3, Glue, Athena, EMR, SageMaker, CloudFormation, IAM)

*Intermediate:* Google Cloud

**Languages:** Spanish (native), English (advanced)

**Citizenship:** Peruvian

## OTHER TRAINING AND VOLUNTEER ACTIVITIES

### Training

Pontificia Universidad Católica del Perú (Graduate) (free student per semester)	2014-2015
<i>Topics in Advanced Macroeconomics, Advanced Macroeconomics, Advanced Microeconomics, Advanced Econometrics</i>	
Pontificia Universidad Católica del Perú (Undergraduate) (free student per semester)	2013-2014
<i>International macroeconomics, Monetary theory, Econometrics (Cross Section, Time Series), International microeconomics, Financial and Banking Economics</i>	
Universidad Nacional de Ingeniería (Undergraduate) (free student per semester)	2013-2015
<i>Seminar on Economic Research, Capital Markets, Macrodynamics</i>	

### Volunteer

UConn-ISSS ( <i>Welcome new international students on campus</i> )	2022-2023
Crea+ ( <i>teaching math for secondary school students</i> )	2017
Universidad Nacional Mayor de San Marcos ( <i>teaching math and macroeconomics for admitted students</i> )	2012-2013