

Roberto Cárdenas Retamal

PHD STUDENT · FISHERIES AND AQUATIC SCIENCES PROGRAM

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Education

University of Florida

PHD FISHERIES AND AQUATIC SCIENCES

• Advisor: Dr. Frank Asche and Dr. Di Fang

Gainesville, USA

2022 - present

Universidad de Concepción

MSC NATURAL AND RESOURCES ECONOMICS

• Advisor: Dr. Jorge Dresdner

Concepción, Chile

2016 - 2018

Universidad de Concepción

BS ECONOMICS

Concepción, Chile

2011 - 2015

Professional Experience

2022 -
Present

Graduate Teaching Assistant, Fisheries and Aquatic Sciences, University of Florida

2019-2022

Research Assistant, Interdisciplinary Center for Aquaculture Research (INCAR), Universidad de Concepción

2022

Research Assistant, Environment for Development (EfD) network

2020

Research Assistant, Economic Commission for Latin America and the Caribbean (ECLAC)

2020

Research Assistant, Center of Applied Ecology and Sustainability (CAPES)

2018-2020

Research Assistant, Universidad del Desarrollo

Publications

PUBLISHED

Salazar, C., Jaime, M., **Cárdenas, R.**, Hernández, F. (2024). Risk perception and production risk in seaweed aquaculture. *Aquaculture Economics & Management*, 1-29.

Salazar, C.; Jaime, M.; **Cardenas Retamal, R.**, Baquedano, M. (2023) Women engagement, psychological traits, and gender gaps in the small-scale seaweed aquaculture in Chile. *Reviews in Aquaculture*. 15(4): 1540-1553.

Salazar, C.; **Cardenas Retamal, R.**; Jaime, M. (2023) Environmental efficiency in the salmon industry—an exploratory analysis around the 2007 ISA virus outbreak and subsequent regulations in Chile. *Environment, Development and Sustainability*, 25, 8107–8135

Cardenas Retamal, R.; Barrientos, M.; Vasquez-Lavin, F.; Ponce, R. (2023) Intrahousehold bargaining power and time allocation for multiple activities. *Latin American Economic Review* 32, 1–22

Cardenas Retamal, R.; Dresdner-Cid, J.; Ceballos-Concha, A. (2021) Impact assessment of salmon farming on income distribution in remote coastal areas: The Chilean case. 101, *Food Policy* 102078

IN REVIEW

Salmon aquaculture in Chile: Production growth and socio-economic impact. With Adams Ceballos and Frank Asche

• **Journal:** Reviews in Aquaculture. **State:** Minor comments requested

More than Just a Walk in the Park: Performance in Green and Urban Spaces. With Tongzhe Li, Mark Patton, Danielle Roy and Di Fang

• **Journal:** Journal of Economic Behavior Organization. **State:** Submitted

IN PREP

Seafood purchase, diet-related disease, and WIC eligibility. With Di Fang and Frank Asche

Harmful Algal Blooms and Fishing Choices: Understanding Stone Crabbers' Responses to Ecological Disruptions. With Adams Ceballos and Jordan Moor

Awards, Fellowships, & Grants

- 2022 **Global Food System Institute Fellowship**, University of Florida
- 2022 **Grinter Fellowship Award**, University of Florida
- 2022 **Latin American and Caribbean (LAC) Scholarship**, University of Florida

Presentations

** presenting author*

Cardenas Retamal, R*; Fang, D.; Asche, F. November 2024. Seafood purchase, diet-related disease, and WIC participation. Southern Economic Association (SEA). Washington D.C., USA. (Scheduled)

Ceballos, A.; Asche, F.; **Cardenas, R*** 2024. Salmon aquaculture in Chile: Production growth and socio-economic impact. Aqua2024, World Aquaculture Society. Copenhagen, Denmark.

Cardenas Retamal, R*; Fang, D.; Asche, F. 2024. Seafood purchase, diet-related disease, and WIC participation. Agricultural Applied Economics Association (AAEA) Annual Meeting, Track Session: Using food scanner data to examine the relationship between healthy food purchases, cost, and diseases.

Ceballos, A.; Asche, F.; **Cardenas, R*** 2023. The socioeconomic impact of salmon aquaculture in Chile. Aquaculture America, World Aquaculture Society. New Orleans, Louisiana, USA.

Cardenas, R*; Ceballos, A.; Asche, F. 2022. The socioeconomic impact of salmon aquaculture in Chile. VIII Annual Meeting Environment for Development Initiative - Chile.

Cardenas, R*, Orellana, F*. 2022. A new Economy for a new constitution. Commission on the Environment, Rights of Nature, Natural Commons and Economic Model, Constitutional Convention, Chile

Cardenas Retamal, R.*; Barrientos, M.; Vasquez-Lavin, F.; Ponce, R.. 2021. Intrahousehold Bargaining Power and Time Allocation for Multiple Activities. XI Annual Meeting of the Chilean Society of Regional Studies SOCHER.

Salazar, C. **Cardenas Retamal, R***; Jaime, M. 2021. Environmental efficiency in the salmon industry. An exploratory analysis around the ISA virus and subsequent regulations in Chile. VII Annual Meeting Environment for Development Initiative - Chile.

Cardenas Retamal, R.*; Dresdner-Cid, J.; Ceballos, A. 2018. The impact of the salmon industry on income distribution in rural localities. An analysis to Los Lagos region, Chile. V International Conference COES: "Concentrations".

Cardenas Retamal, R.*; Dresdner-Cid, J.; Ceballos, A. 2018. The impact of the salmon industry on income distribution in rural localities. An analysis to Los Lagos region, Chile. X Annual Meeting of the Chilean Society of Regional Studies SOCHER.

Teaching Experience _____

Spring 2023	Agricultural Macroeconomics AEB 3281 , Teaching Assistant	<i>U. of Florida</i>
Fall 2022	Agricultural and Natural Resource Ethics AEB 4126 , Teaching Assistant	<i>U. of Florida</i>
2022	Statistics for management; Economics, Sustainability and Entrepreneurship , Lecturer	<i>U. Santo Tomás</i>
2018-2020	Econometrics, Microeconomics , Lecturer	<i>U. del Bio-Bio</i>
2020-2022	Development Economics, Environmental Economics , Lecturer	<i>U. de Concepción</i>
2019-2021	Introduction to Economics, Microeconomics, Econometrics, Natural Resources and Environment Economics, Macroeconomics , Lecturer	<i>U. Catolica de la Santísima Concepción</i>

Outreach & Professional Development _____

DEVELOPMENT

Course (2018): Writing of High impact scientific articles” - BioPub SpA

Workshop (2018): “Collection and Management of Big Data in Regional Science ”- Chilean Society of Regional Studies

Workshop (2018): “The AF method for the measurement of multidimensional poverty ”- Chilean Society of Regional Studies

Workshop (2017): ”Visualizing the city in QGIS” - Chilean Society of Regional Studies

Workshop (2017): ”Discrete choice models” - Chilean Society of Regional Studies

Workshop (2017): “Introduction to the econometrics of high dimensional models”. Professor Christian Hansen of University of Chicago Booth School of Business. Central Bank, Chile

Workshop (2017): Analysis of spatial and spatio-temporal data in GeoDa - Universidad de Concepcion, Chillan

PEER REVIEW

Environment, Development and Sustainability

Frontiers in Human Dynamics

Agricultural and Resources Economics Review

Aquaculture Economics & Management

PROFESSIONAL MEMBERSHIPS

Agricultural & Applied Economics Association

European Aquaculture Society - World Aquaculture Society

DEVELOPMENT

Treasurer, Graduate Student Organization (2024-2025)