

# Roberto Cárdenas Retamal

PHD STUDENT · FISHERIES AND AQUATIC SCIENCES PROGRAM

McCarty B - Office G-103 - University of Florida · Gainesville, Florida, USA

☎ +1 352-328-6840 | ✉ robertocardenasr@ufl.edu | 🌐 <https://robcareta.github.io/>

## 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

Ceballos-Concha, A.; Asche, F.; **Cardenas-Retamal, R.** (2025). Salmon aquaculture in Chile: Production growth and socio-economic impacts. *Reviews in Aquaculture* 17(1), e12993

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

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

• **Journal:** Journal of Economic Behavior Organization. **State:** Under review

## IN PREP

*Disease diagnosis and seafood purchases in the U.S..* With Di Fang and Frank Asche

*The growing importance of aquaculture: The case of Norwegian salmon.* With A. Iversen, F. Asche, T. Nyrud, R. Robertsen, B.I. Bendiksen, and S. Steinsbø

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

## Awards, Fellowships, & Grants

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- 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

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*\* 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.

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