

# Roberto Cárdenas Retamal

PHD CANDIDATE · 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

- 2025 **Research Assistant**, Through the Grapevine: Developing Vitis x Muscadinia Wide Hybrids for Enhanced Disease Resistance and Quality, funded by USDA NIFA Specialty Crop Research Initiative (SCRI)
- 2022 - Pres. **Graduate Research 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)

## Publications

### PUBLISHED

- Iversen, A., Asche, F., Nyrud, T., Robertsen, R., Bendiksen, B.I., Steinsbø, S. and **Cardenas-Retamal, R.** (2025). The growing importance of aquaculture: The case of Norwegian salmon. *Reviews in Aquaculture*, 17(4), e70088
- 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. (2025). 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

*Price premiums for the MSC-ecolabel in the U.S.: A hedonic analysis haddock in U.S. market.* With Frank Asche, Di Fang, and Adams Ceballos

- **Journal:** Journal of the Agricultural and Applied Economics Association. **State:** Under 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:** Land Economics. **State:** Under review

## IN PREP

*Seafood Purchasing in Responses to Type 2 Diabetes Diagnosis.*  
With Di Fang and Frank Asche

*The value of nutritional attributes on seafood.*  
With Frank Asche, Di Fang, and Jordan Moor

*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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- 2025 **Travel Scholarship - Summer School in Environmental and Energy Economics**, UC, Berkeley
- 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\*** August 2025. Demand for environmental attributes in the U.S. seafood market. Summer School in Environmental and Energy Economics, University of California, Berkeley. California, USA.

**Cardenas Retamal, R\***; Asche, F.; Fang, D. March 2025. Sustainable seafood consumption: A hedonic analysis of eco-labeling in the U.S. market. North American Association of Fisheries Economists (NAAFE). La Jolla, California, USA.

**Cardenas Retamal, R\***; Fang, D.; Asche, F. February 2025. Disease diagnosis and seafood purchases in the U.S. Fisheries and Aquatic Sciences Graduate Student Symposium. Gainesville, Florida, USA.

**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. New Orleans, Louisiana, USA.

Ceballos, A.; Asche, F.; **Cardenas, R\*** 2023. The socioeconomic impact of salmon aquaculture in Chile. Fisheries and Aquatic Sciences Graduate Student Symposium. Poster Session. Gainesville, Florida, USA.

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.

## Teaching Experience

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Spring 2025	<b>International Agribusiness Marketing AEB4343</b> , Guest lecturer	<i>U. of Florida</i>
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

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### PEER REVIEW

Environment, Development and Sustainability  
 Frontiers in Human Dynamics  
 Agricultural and Resources Economics Review  
 Aquaculture Economics & Management  
 Aquaculture international

### PROFESSIONAL MEMBERSHIPS

Agricultural & Applied Economics Association (AAEA)  
 Association of Environmental and Resource Economists (AERE)  
 European Aquaculture Society - World Aquaculture Society  
 North American Association of Fisheries Economists (NAAFE)

### DEVELOPMENT

Treasurer, Graduate Student Organization (2024-2025)

## References

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### **Prof. Frank Asche**

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### **Prof. Di Fang**

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### **Prof. Thomas M. Anderson**

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