

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 **Cárdenas-Retamal, R.** (2025). The growing importance of aquaculture: The case of Norwegian salmon. *Reviews in Aquaculture*, 17(4), e70088

Ceballos-Concha, A.; Asche, F.; **Cárdenas-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.; **Cárdenas 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.; **Cárdenas 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

Cárdenas 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

Cárdenas 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

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

* 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

Spring 2025	International Agribusiness Marketing AEB4343 , Guest lecturer	<i>U. of Florida</i>
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 Bío-Bío</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. Católica de la Santísima Concepción</i>

Outreach & Professional Development

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

Prof. Frank Asche

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Prof. Di Fang

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