

Ariel Soto-Caro

ASSISTANT PROFESSOR

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Education

University of Florida

Gainesville FL, USA

PH.D. FOOD AND RESOURCES ECONOMICS

2022

- Dissertation: "Sanctuary Cities: Social and Economic Implications"
- Advisor: Dr. Zhengfei Guan.

Universidad de Concepción

Concepción, Chile

DIPLOMAED OF TEACHING IN HIGHER EDUCATION

2015

Universidad de Concepción

Concepción, Chile

M.Sc. NATURAL RESOURCES AND ENVIRONMENTAL ECONOMICS

2010

- Thesis: "Estimation of migration of mackerel analyzing spatial behavior fishing fleet"
- Advisor: Dr. Hugo Salgado Cabrera.

Universidad de Concepción

Concepción, Chile

GRADUATE IN BUSINESS ENGINEERING

2007

Universidad de Concepción

Concepción, Chile

BACHELOR DEGREE IN ECONOMICS SCIENCES

2006

FIELDS OF INTEREST

AGECON, LABOR, IMMIGRATION, PRODUCTION, INTERNATIONAL TRADE, INNOVATION

Teaching Experience

Food and Resource Economics Department, University of Florida

Gainesville FL, USA

TEACHING ASSISTANT

Fall 2019

- AEB6933 - Mathematical Optimization and Economic Analysis.[Ph.D. level course]
- Prof. Dr. Spiro Stefanou

School of Business & Management, Universidad de Concepción

Chillán, Chile

ASSISTANT PROFESSOR

Jan. 2013 - PRESENT

- Lecturer in Microeconomics, Econometrics and Research methodology (Undergrad).
- Researcher in Innovation, Health, Agricultural and Natural Resources Economics.
- Editor-in-chief at RAN – Revista Academia & Negocios (ran.udec.cl).

Business Engineering School, Santo Tomás University

Los Ángeles, Chile

ADJUNCT PROFESSOR

2011 - 2012

- Courses: Microeconomics I & II, Macroeconomics I & II, and Econometrics I (Undergrad).

Faculty of Economics and Business, San Sebastian University

Concepción, Chile

ADJUNCT PROFESSOR

2010 - 2012

- Course: Econometrics I (Undergrad).

Research

PUBLICATIONS

- 2021 **Wu, Soto-Caro, & Guan**, Government Support in Mexican Agriculture: The Program of Agri-Food Productivity and Competitiveness *EFIS*
[<https://journals.flvc.org/edis/article/view/126891>]
- 2021 **Rivadeneira-Valenzuela, Soto-Caro, Bello-Escamilla, Concha-Toro, & Díaz-Martínez**, Parenting styles, overweight and child obesity: A cross-sectional study in Chilean children *Revista Chilena de Nutrición*
[DOI: 10.4067/S0717-75182021000100018]
- 2020 **Fuentes-Solís, Soto-Caro, Paredes, Oyarzo & Ramos**, Intellectual property in Latin America: the impact of innovation subsidies on Chilean firms *International Journal Of Intellectual Property Management*
[DOI: 10.1504/IJIPM.2020.112411]
- 2019 **Pino & Soto-Caro**, Impact of farm protectionism on the use of agricultural inputs in Chile *Spanish Journal of Agricultural Research*
[DOI: 10.5424/sjar/2019171-13696]
- 2019 **Fuentes-Solís, Soto-Caro, & Paredes**, The Impact of Cooperation on Business Innovation in Developing Countries: Evidence from Chile in Latin America *Journal of Technological Management and Innovation*
[DOI: 10.4067/S0718-27242019000400031]
- 2017 **Bello-Escamilla, Rivadeneira, Concha-Toro, Soto-Caro, & Díaz-Martínez**, Family Quality of Life Scale (FQLS): validation and analysis in a Chilean population *Universitas Psychologica*
[DOI: 10.11144/Javeriana.upsy16-4.ecvf]
- 2016 **Salgado & Soto-Caro**, Estimating biomass migration parameters by analysing the spatial behavior of the fishing fleet *Economics Analysis Review*
[DOI: 10.4067/S0718-88702016000100003]
- 2015 **Soto-Caro, Herrera, & Fuentes**, Social security and labor absenteeism in a regional health service *Rev Med Chile*
[DOI: 10.4067/S0034-98872015000800004]
- 2015 **Fuentes & Soto-Caro**, Non-technological innovations in Chilean agricultural firms: what motivates the decision to innovate and the propensity of innovation? *Ciencia e Investigación Agraria*
[DOI: 10.4067/s0718-16202015000200004]
- 2014 **Pino & Soto**, Analysis of wage flexibility across the Euro Area: evidence from the process of convergence on the labour income share ratio *Applied Economics*
[DOI: 10.1080/00036846.2014.934434]

WORKING PAPERS

- 2019 **Soto-Caro, Wu, & Guan**, Evaluating Pest Management Strategies: A Robust Method and Its Application to Strawberry Disease Management *arXiv*
[DOI: 10.48550/arXiv.1908.01808]
- 2015 **Fuentes, Soto & Paredes**, Decisiones de Innovación en Empresas Chilenas: El Poder de la Cooperación *REPEC*
[ideas.repec.org/p/cat/dtecon/dt201504.html]
- 2010 **Salgado & Soto**, Estimación de la migración del jurel en la zona centro sur de Chile analizando el comportamiento espacial en la flota de pesca. Serie de Documentos de trabajo EconUdeC, Universidad de Concepción. *UdeC*

OTHER PUBLICATIONS

- 2019 **Author**, ceRtainty: R-package to compute Certainty Equivalent values. R package version 1.0.0. *CRAN repository*
[<https://CRAN.R-project.org/package=ceRtainty>]
- 2015 **Author**, Innovation and agronomy: an empirical review of the case for Chile. At Baporikar N. Editor, Handbook of research on entrepreneurship in the contemporary knowledge-based global economy. Hershey, PA: IGI Global. ISBN13: 9781466687981. *Chapter book*
[DOI: doi.org/10.4018/978-1-4666-8798-1.ch017]
- 2014 **Editorial Advisory Board**, Christiansen, B. - Handbook of research on economic growth and technological change in Latin America. Hershey, PA: IGI Global. ISBN13: 9781466662247. *Book*

PRESENTATIONS (FROM 2019)

2022	Southern Agricultural Economics Association (SAEA) Annual Meeting , Modeling the U.S. Sweet Potato Market and the Impact of Supply Shocks	New Orleans LA, February 12-15
2022	American Economic Association (AEA) Annual Meeting , Sanctuary City Status and the Effect on Labor Market	Held virtually, January 6-8
2021	Southern Agricultural Economics Association (SAEA) Annual Meeting , Demand Models with Structural Changes: An Application to US Blueberries	Held virtually, February 6-9
2021	Agricultural and Applied Economics Association (AAEA) Annual Meeting , Identifying Threshold for Intervention: Optimal Disease Management of Tomato Bacterial Spot	Austin TX, August 1-3
2021	Sociedad Chilena de Estudios Regionales (SOCHER) Annual Meeting , Nested Demand System with Structural Changes: An application to the US blueberries	Held virtually, October 13-15
2019	Agricultural and Applied Economics Association (AAEA) Annual Meeting , Evaluating Pest Management Strategies: A Robust Method and Its Application to Strawberry Disease Management	Atlanta GA, July 21-23

Service

RAN - Revista Academia & Negocios

EDITOR-IN-CHIEF

ran.udec.cl

ISSN: 0719-6245

2013 - PRESENT

Open Agriculture (DeGruyter)

EDITOR (AGRICULTURAL ECONOMICS SECTION)

degruyter.com/journal/key/opag

ISSN: 2391-9531

2020 - PRESENT

Chilean Regional Studies Society

ELECTED DIRECTORY MEMBER

SOCHER

2021 - 2022

Regional Science Policy & Practice (journal)

REVIEWER

2021

Agricultural & Applied Economics Association (AAEA) Annual Meeting

REVIEWER: RISK MANAGEMENT SESSION

2021

Estudios Gerenciales (journal)

REVIEWER

2020

Economics of Innovation and New Technology (journal)

REVIEWER

2018

Scholarships & Awards

UF Student Government Travel Grant for SAEA 2022 meeting in New Orleans LA

UNIVERSITY OF FLORIDA

Gainville, FL, USA

Spring 2022

Werner and Margaret C. Husmann Scholarship

UNIVERSITY OF FLORIDA

Gainville, FL, USA

2020 - 2021

J. R. Greenman Memorial Scholarship

UNIVERSITY OF FLORIDA

Gainville, FL, USA

2020 - 2021

Latin American-Caribbean (LAC) Scholarship

UNIVERSITY OF FLORIDA

Gainville, FL, USA

2018 - 2021

Grinter Fellowship

UNIVERSITY OF FLORIDA

Gainville, FL, USA

2017 - 2018

Doctorate Abroad Scholarship

NATIONAL COMMISSION FOR SCIENTIFIC AND TECHNOLOGICAL RESEARCH, CONICYT

Santiago, CHILE

2017 - 2021

Doctorate Abroad Scholarship

UNIVERSITY OF CONCEPCIÓN

Concepción, CHILE

2017 - 2022

Enrique Molina Garmendia Scholarship

UNIVERSITY OF CONCEPCIÓN

Concepción, CHILE

2002 - 2007

Membership

American Economic Association

STUDENT MEMBER

AEA

2021 - PRESENT

International Food and Agribusiness Management Association

STUDENT MEMBER

IFAMA

2020 - PRESENT

Agricultural & Applied Economics Association

STUDENT MEMBER AND PRESENTER IN ANNUAL MEETINGS

AAEA

2019 - PRESENT

Regional Studies Society of Chile

REGULAR MEMBER AND PRESENTER IN ANNUAL MEETINGS

SOCHER

2013 - PRESENT

Economics Society of Chile

REGULAR MEMBER AND PRESENTER IN ANNUAL MEETINGS

SECHI

2013 - 2017

Asociación de Economistas Agrarios, Chile

REGULAR MEMBER AND PRESENTER IN ANNUAL MEETINGS

AEA

2013 - 2014

Skills

LANGUAGE:

- **Spanish**, Native
- **English**, Fluent

COMPUTER SOFTWARE:

- **R**, Advance
- **Stata**, Advanced
- **Matlab**, Competent
- **TEX**, Advanced
- **Eviews**, Competent
- **ArcGIS**, Competent