

# Leonardo F. Sánchez Aragón

March 2022

## Work Address

Facultad de Ciencias Sociales y Humanísticas, ESPOL  
Campus Gustavo Galindo, Edif 8A, Of. A 004  
Guayaquil, Ecuador, 09-01-5863  
Telf: (+593) 09 9283 9938

Email: [lfsanche@espol.edu.ec](mailto:lfsanche@espol.edu.ec)

Web: <https://leonardosanchezaragon.netlify.app>

## Education

2008-2014, Ph.D., Agricultural Economics, Texas A&M University, USA

2003-2004, M.Sc., Economics, Universitat Pompeu Fabra, España

1995-2000, B.Sc., Economics, ESPOL University, Guayaquil, Ecuador

## Employment

2019-present, Associate Professor, Facultad de Ciencias Sociales y Humanísticas, ESPOL University

2021-2022, Director of Economic Regulation, Empresa Municipal de Agua Potable y Alcantarillado, Guayaquil, Ecuador

2017-2019, Dean, Facultad de Ciencias Sociales y Humanísticas, ESPOL University

2016-2017, Associate Dean, Facultad de Ciencias Sociales y Humanísticas, ESPOL University

2015-2016, Associate Professor, Facultad de Ciencias Sociales y Humanísticas, ESPOL University

2014-2015, Assistant Professor, Facultad de Ciencias Sociales y Humanísticas, ESPOL University

2013-2014, Researcher, InterAmerican Development Bank, Washington, DC

Spring 2012, Help Desk Advisor, Department of Agricultural Economics, Texas A&M University

Spring 2011, Instructor, Department of Agricultural Economics, Texas A&M University

Summer 2011, Instructor, Department of Agricultural Economics, Texas A&M University

Fall 2011, Help Desk Advisor, Department of Agricultural Economics, Texas A&M University

2005-2008, Researcher, Centro de Investigaciones Rurales, ESPOL University

2005-2008, Lecturer, Facultad de Economía y Negocios, ESPOL University

2001-2003, Lecturer, Instituto de Ciencias Humanísticas y Económicas, ESPOL University

2001-2003, Assistant Researcher, Centro de Investigaciones Económicas, ESPOL University

2000-2001, Analyst, Deposit Guarantee Agency, Guayaquil, Ecuador

## Teaching Experience

ESPOL University. During 2014-2019 I gave the following undergraduate lecture courses:

- ECOG-2001 Microeconomics I & II (B.A. Economics)
- ECOG-2001 Econometrics I & II (B.A. Economics)

ESPOL University. During 2014-2019, I gave the following graduate lecture courses:

- ECOG-2001 Econometrics I (M.Sc. in Economics)
- ECOG-2001 Microeconomics II (M.Sc. in Economics)
- ECOP-2001 Microeconomics I (Professional Master Program in Economics and Management)

TexasA&M University. During Spring 2011 to Summer 2011, I gave the following graduate lecture courses:

- AGECE 330 Financial Management for Agriculture (B.A in Agricultural Economics)

ESPOL University. During 2000-2003, I gave the following undergraduate lecture courses:

- ECOG-2001 Microeconomics I & II (B.A. Economics)
- ECOG-2001 Linear Algebra (B.A. Economics)
- ECOG-2001 Mathematics for Economists (B.A. Economics)
- ECOG-2001 Statistics for Economists (B.A. Economics)
- ECOG-2001 Applied Econometrics (B.A. Economics)
- ECOG-2001 Introduction to Microeconomics (B.A. Economics)

## Awards, Honours and Scholarships

2015, Outstanding Ph.D. Dissertation Award, Southern Agricultural Economic Association, USA

2014, Outstanding Graduate Dissertation Award, Department of Agricultural Economics, Texas A&M University

2012, First Place in the 2012 Banamex Economy Award

2012, Summer Dissertation Fellow at the Inter-American Development Bank

## Publications

### Work in progress

- [1] netivreg: Estimation of Peer Effects in Endogenous Social Networks (with Pablo Estrada, Juan Estrada, Kim P. Huynh, and David Jacho-Chavez)
- [2] Online Reviews and Hospital Prices (with Ian McCarthy and Kaylyn R. Sanbower)

- [3] Absorbing information like a Sponge: The Use of Analogical Inferences to the Absorptive Capacity Process (with Desmond Ng).
- [4] Absorptive Capacity and the R&D-innovation process in the Biotechnology Industry (with Desmond Ng).
- [5] On the Estimation of Social Effects with Observational Network Data and Random Assignment (with TszKim Julian Chan, Juan Estrada, Kim P. Huynh, David Jacho-Chavez, and Chungsang Tom Lam)
- [6] Abstract Readability: Evidence from Top-5 Economics Journals (with Belicia Rodriguez, Kim P. Huynh, and David Jacho-Chavez)

## Journals

- [1] Putting the Cart (Antecedents) before the Horse (Absorptive Capacity): The Role of Competitive antecedents to the Absorptive Capacity Innovation Process (with Desmond Ng). Forthcoming Journal of Knowledge Management.
- [2] *Financial Contagion in Cross-holdings Networks: The case of Ecuador*. Advances in Econometrics, The Econometrics of Networks, de Paula, Á., Tamer, E. and Voia, M.-C. (Ed.), Vol. 42, 2020, pp. 265-292, Emerald Publishing Limited, Bingley (with Pablo Estrada)
- [3] *Seek and you shall find: the role of exploitive and explorative search in a biotechnology firm's patent claims*. International Food and Agribusiness Management Review: 22 (3), 2019, 321-337 (with D. Ng and S. Huseynov).
- [4] *Weather Derivatives and Water Management in Developing Countries: An Application for an Irrigation District in Central México*. Journal of Agricultural and Resources Economics, 42(2), 2017, 146-163 (with M.Juarez-Torres and D. Vedenov).
- [5] Jose Ramírez y L. Sánchez-Aragón. 2005. Modelo de Equilibrio General Computable: Impacto del Tratado de Libre Comercio sobre el Mercado Laboral del Ecuador. Cuestiones Económicas, Vol. 21 (2), 2007, pp. 47 – 84
- [6] Jose Ramírez y L. Sánchez-Aragón. 2005. Modelo de Equilibrio General Computable: Impacto del Tratado de Libre Comercio sobre regiones del Ecuador. Cuestiones Económicas, Vol. 21(2), 2007, pp. 85 -122

## Other publications

- [1] Ludena, C.E., S.W. Yoon, L. Sánchez-Aragón, S. Miller, B-K. Yu. 2015. Vulnerability Indicators of Adaptation to Climate Change and Policy Implications for Investment Projects. Inter-American Development Bank, Technical Note No. 858, Washington DC
- [2] Flores, J., L. Sánchez-Aragón, y C.E. Ludena. 2015. Análisis de costos y beneficios de proyectos de riego: Casos de estudio en Bolivi, Technical Note (forthcoming).
- [3] Tapasco, J., J. Martínez, S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón, y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Sector Ganadero. Banco Interamericano de Desarrollo, Monografía No. 254, Washington DC.
- [4] Herrera, J.C., G. Romero, S. Calderón, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón, y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Sector Pesquero. Banco Interamericano de Desarrollo, Monografía No. 255, Washington DC.

- [5] Riano, N., S. Orrego, S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Sector Forestal. Banco Interamericano de Desarrollo, Monografía No. 256, Washington DC.
- [6] Tapasco, J., Orrego-Varón, M. A., D. Arango, J. Ramírez, S. Croft, S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón, y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Especies Nativas y Biocomercio. Banco Interamericano de Desarrollo, Monografía No. 257, Washington DC.
- [7] Tapasco, J., M. Quintero, N. Uribe, J. Valencia, S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón, y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Recurso Hídrico. Banco Interamericano de Desarrollo, Monografía No. 258, Washington DC.
- [8] Gordillo, F., S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Sector Transporte. Banco Interamericano de Desarrollo, Monografía No. 259, Washington DC.
- [9] Jaramillo, F., M. A. Gómez, S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Costos Económicos de los Eventos Extremos. Banco Interamericano de Desarrollo, Monografía No. 260, Washington DC.
- [10] Suárez, F., A. Duque, M. Pava, S. Estupiñán, S. Calderón, G. Romero, D. A. Ordóñez, A. Álvarez, L. Sánchez-Aragón y C. E. Ludeña. 2015. Impactos Económicos del Cambio Climático en Colombia: Análisis Costo-Beneficio de Medidas de Adaptación. Banco Interamericano de Desarrollo, Monografía No. 261, Washington DC

## Conferences

- [1] The Agricultural & Applied Economics Association Annual Meeting, Atlanta, Georgia, August 2019
- [2] Advances in Econometrics, Volume 42, Paltinis, Romania, May 2019
- [3] V Congreso Internacional de Economía, ESPOL University, July 2017
- [4] The Agricultural & Applied Economics Association Annual Meeting, Chicago, Illinois, July 2017
- [5] The Agricultural & Applied Economics Association Annual Meeting, San Francisco, California, July 2015
- [6] I Encuentro Anual de Economía Aplicada, ESPOL University, Guayaquil, Ecuador, Julio 2014
- [7] The Agricultural & Applied Economics Association Annual Meeting, Washington, DC, August 2013
- [8] The Agricultural & Applied Economics Association Annual Meeting, Seattle, Washington, August 2012
- [9] The Economics and Management of Risk in Agriculture and Natural Resources Group (SCC-76), Pensacola, Florida. March 2012
- [10] The Agricultural & Applied Economics Association Annual Meeting, Pittsburgh, Pennsylvania. July 2011
- [11] The Southern Agricultural Economics Association, Corpus Christi, Texas. February 2011
- [12] The 1st Regional Meeting on Computable General Equilibrium Models, The Economic Commission for Latin America, Santiago, Chile, April 2007

## **Conference Organisation**

- 2020, Program Chairman, The 2020 Latin American Workshop in Economics, Econometric Society, ESPOL University, Guayaquil, Ecuador [Cancelled because of COVID-19]
- 2018, Co-Chair, 23th Annual Meeting of the Latin American and Caribbean Economic Association and Latin American Meeting of the Econometric Society, ESPOL University, Guayaquil, Ecuador