

Hector H. Sandoval

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Assistant Professor

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Director of Economic Analysis Program

Bureau of Economic and Business Research (BEBR)
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Education

- 2015 Ph.D. Economics, University of Wisconsin - Madison
Advisors: Steven Durlauf, James Walker, and Jesse Gregory
- 2013 M.Sc. Economics, University of Wisconsin - Madison
- 2006 M.A. Economics and Public Policy, EGAP Tecnológico de Monterrey, CCM
- 2004 B.Sc. Economics, Tecnológico de Monterrey, Campus Ciudad de México

Research Interests

Applied Microeconomics, Social Interactions, Peer Effects, Education, Energy, Consumer Sentiment, and Program Evaluation

Professional Experience

Current Appointment

- 2015 - Assistant Professor, Department of Economics, University of Florida (UF)
- 2015 - Director of Economic Analysis, Bureau of Economic and Business Research (BEBR), University of Florida

Other Affiliations

- 2015 - Affiliated Faculty, Center for Latin American Studies, UF
- 2017 - Research Associate of the Robert F. Lanzillotti Public Policy Research Center, UF
- 2018 - Affiliate Faculty member of the Master of Sustainable Development Practice Program, Center for African Studies and Center for Latin American Studies, UF
- 2019 - Affiliate Faculty member of the School of Natural Resources and Environment (graduate faculty status in Interdisciplinary Ecology), UF
- 2019 - Affiliate Faculty member of the Education Policy Research Center, College of Education, UF

UF's Bureau of Economic and Business Research (BEBR)

Projects involved and roles

- 2022 Export Sales Forecasting Accuracy Model. Sponsored by Enterprise Florida Inc. Principal Investigator (PI), \$33,900.
- 2022 Economic Impacts of the University of Florida Clinical and Translational Science Institute. Sponsored by the UF Clinical and Translational Science Institute (UF CTSI). PI, \$11,781.

- 2021 Florida's Public Libraries: 21st Century Major Events and 2020 Economic Impact. Commissioned by the Florida Department of State, Division of Library and Information Services. PI, \$52,881.
- 2021 Research Productivity of the University of Florida Clinical and Translational Science Institute. Sponsored by the UF Clinical and Translational Science Institute (UF CTSI). PI, \$12,467.
- 2020 Volusia County Public Investment Study. Commissioned by the Daytona Regional Chamber of Commerce and the Civic League of the Halifax Area. PI, \$23,000.
- 2019 Florida Assisted Living Facilities Cost of Providing Care. Commissioned by the Florida Assisted Living Association (FALA). PI, \$44,850.
- 2018 An Update to the Net Impact of Retirees on Florida's State and Local Budgets. Commissioned by the Florida Department of Elder Affairs. PI, \$12,500.
- 2018 [Understanding Racial Inequity in Alachua County](#). Sponsored by Alachua County, Alachua County Public Schools, City of Gainesville, Gainesville Area Chamber of Commerce, Santa Fe College, UF Health, and UF. PI, \$65,000.
- 2017 Research Productivity and Economic Impacts of the University of Florida Clinical and Translational Science Institute. Sponsored by the UF Clinical and Translational Science Institute (UF CTSI). PI, \$26,581.
- 2016 Economic Impact Study for Cox Communications in Florida. Commissioned by Cox Communications Southeast Region. PI, \$16,175.
- 2016 Economic Impact Analysis for Polk County Healthcare Program. Commissioned by Polk County's Indigent Healthcare Division. PI, \$32,644.
- 2015 - [Monthly Consumer Sentiment Index \(CSI\) Press Release](#) (since October 2015)

National Council for the Evaluation of Social Development Policy (CONEVAL)

- 2009 Director of Statistics, Poverty Analysis Division
- 2007-2009 Vice-director of Sampling and Statistics, Poverty Analysis Division

Independent Consultant

- 2015 Consultant for the National Council for the Evaluation of Social Development Policy (CONEVAL) (Program evaluation: Cruzada Nacional Contra el Hambre)
- 2013 External consultant for United Nations Development Programme (UNDP) Human Development Office, Mexico (Human Development and Millennium Development Goals)
- 2012 Consultant for UNDP Human Development Office, Mexico (Analysis of the National Survey of Social Capital)
- 2006-2007 Consultant for the World Bank (poverty measurement)

Research Assistant

- 2015 Professor Jaime Luque, UW-Madison (Data analysis on sovereign debt crisis)
- 2006 Elisabeth Sadoulet (World Development Report, 2008)
- 2006 Alejandra Pellicer, DIE-CINVESTAV IPN (National Report of Reading Practices)
- 2004-2006 Carlos Urzúa and Carlos Brambila (Analysis of survey data)
- 2004 Luis Felipe López-Calva ([Poverty Maps and Public Policy in Mexico](#))

Research Grants

- 2022 Climate and Sustainable Development (CSD) Sector of the Inter-American Development Bank (IDB), "Energy Efficiency Audits for Small Firms in Mexico," with Hernán Bejarano (PI), Pedro Hancevic (Co-PI), Hector H. Sandoval (Co-PI), \$65,000.

Publications

Peer Reviewed Published & Forthcoming Papers

‡ Graduate student coauthor

- [1] "Differential Impact of COVID-19 on the Energy Consumption of Residential and Business Sectors," with Pedro Hancevic.
Economics of Energy & Environmental Policy, 12(1), 2023.
- [2] "The Impact of K-12 Students Fare Free Bus Programs on Educational Outcomes," with Emanuel Garcia Munoz‡.
Journal of Human Capital, 16(4), 2022.
- [3] "Low-Income Energy Efficiency Programs and Energy Consumption," with Pedro Hancevic.
Journal of Environmental Economics and Management, Vol. 113, 2022.
- [4] "The Role of Consumer Confidence in Forecasting Consumption, Evidence from Florida," with Anita Walsh‡.
Southern Economic Journal, 88(2): 757-788, 2021.
- [5] "Social Capital in Labor Market Access and Poverty in Mexico," with Martín Lima.
Well-being and Social Policy, 9(1): 49-71, 2014.
- [6] "Negative Net Incomes and the Measurement of Poverty: A Note," with Carlos Urzúa.
Journal of Management, Finance, and Economics, 3(1): 29-36, 2009.
- [7] "TIPs for the Analysis of Poverty in Mexico, 1992-2005," with Carlos Urzúa and Alejandra Macías.
Journal of Management, Finance, and Economics, 2(1): 74-91, 2008.

Research Reports

- [1] "Economic Impacts of the University of Florida Clinical and Translational Science Institute (UF CTSI)," BEBR, 2022.
- [2] "Florida's Public Libraries: Major Events Longitudinal Study," BEBR, 2021.
- [3] "Florida's Public Libraries: Economic Impact Study," BEBR, 2021.
- [4] "Research Productivity of the University of Florida Clinical and Translational Science Institute (UF CTSI)," BEBR, 2021.
- [5] "Volusia County Public Investment Study," BEBR, 2021.
- [6] "Florida Assisted Living Facilities Cost of Providing Care," BEBR, 2019.
Media attention: Sunshine State News
- [7] "An Update to the Net Impact of Retirees on Florida's State and Local Budgets," BEBR, 2019.
- [8] "Understanding Racial Inequity in Alachua County," BEBR, 2018.
Media attention: Gainesville Sun, The Independent Florida Alligator Slides
- [9] "Research Productivity and Economic Impacts of the University of Florida Clinical and Translational Science Institute," BEBR, 2018.
- [10] "Polk County Healthcare Study: An Economic Analysis of Polk County's Indigent Health Care Tax and Safety Net Program," BEBR, 2016.
- [11] "Human Development and Millennium Development Goals in Puebla," UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP), 2013 (Spanish).

- [12] "The Construction of Well-being Lines. Methodological Document," CONEVAL, 2012 (Spanish).

Book Chapters

- [1] "Social Capital, Income, and Poverty in Mexico," with Martín Lima. In *Capital Social y Política Pública en México* by Patricia López-Rodríguez and Isidro Soloaga, 189-218. México, DF: El Colegio de México, Instituto Nacional de las Mujeres, 2012 (Spanish).

Other Publications

- [1] "Racial Inequity Study Lays Groundwork for Action," with Mark Girson. *Business in Greater Gainesville*, November issue: 26-29, 2018.

Working Papers & Papers in Progress

Completed Manuscripts

‡ Graduate student coauthor

- [1] "Sentiments and Spending Intentions: Evidence from Florida," with Anita Walsh‡, 2022 (Revise and resubmit).
- [2] "Solar Panel Adoption in SMEs in Emerging Countries," with Pedro Hancevic, 2023 (Revise and resubmit).
- [3] "Split Incentives in Emerging Countries," with Pedro Hancevic, 2023 (Under review).

Work in Progress

- [1] "Government Programs and Price Discrimination in the Adoption of Green Technologies," with Pedro Hancevic, 2023.
- [2] "Social Interactions and Social Divisions in Program Intervention," 2022.
- [3] "Sentiments and Consumer Spending: Evidence from Florida's Metro Areas," with Anita Walsh‡, 2022.
- [4] "Undercoverage and Partial Identification with Covariates," with Armand Kapllani‡, 2022.
- [5] "A Randomized College Scholarship Program," with Isaac McFarlin, 2019.
- [6] "Multi-Valued Treatment and Spillover Effects: The Case of Progres-Oportunidades," with Wallace Ao, 2017.
- [7] "Peer Effects and the Best and Brightest Scholarship Program"

Conferences & Presentations

- 2022 Academy of Economics and Finance 59th Annual Meeting Virtual Conference; Experimental Evidence on Public Policies to Improve the Environmental Performance of SME in Latin America, Inter-American Development Bank, First (Virtual) Workshop
- 2021 Centro de Investigación y Docencia Económicas (CIDE); Southern Economic Association 91st Annual Meeting, Houston, TX (virtual)

2020	Southern Economic Association 90th Annual Meeting, New Orleans, LA (virtual); Economics Department Virtual Seminar, University of Florida; Education Policy Research Center Seminar, University of Florida College of Education
2019	Southern Economic Association 89th Annual Meeting, Fort Lauderdale, FL
2018	Eastern Economic Association 44th Annual Meeting, Boston, MA
2017	Southern Economic Association 87th Annual Meeting, Tampa, FL (session organizer)
2016	Food and Resource Economics Department, University of Florida; Eastern Economic Association 42nd Annual Conference Washington D.C.
2015	Seminar, University of Florida; Southern Economic Association 85th Annual Meeting, New Orleans, LA
2014	Public Workshop, University of Wisconsin-Madison
2013	Latin American and Caribbean Economic Association (LACEA), 18th Annual Meeting, COLMEX, México
2009	First Mexican Stata Users Group Meeting , Universidad Iberoamericana, México
2005	Students Meeting EGAP-ITESM and Harvard (KSG)

Other Presentations

2021	"Florida's Public Libraries: Economic Impact Study FY 2018-19 and FY 2019-20 and Major Events Longitudinal Study," Annual Florida Public Library Directors Meeting, Tallahassee, FL
2021	"Lecture on the 2019 Economics Prize," Oak Hammock at the University of Florida, Gainesville, FL (virtual)
2020	"Florida and Our Recovery: Tracking the Reality of Consumer Confidence," Coral Gables Chamber of Commerce, Miami, FL (virtual)
2019	"Florida Economy Overview," Community Bank & Trust of Florida Economic Summit in the Villages, The Villages, FL
2018	Florida's Aging Population," Atlantic & Pacific Exchange Program, Senior Dutch Government and Business Delegation, Miami, FL
2018	"Understanding Racial Inequity in Alachua County," Wide Community Presentation (for Government and Nonprofit Agencies), Gainesville, FL (a total of 17 presentations for community leaders and agencies)
2017	"Florida Economy Overview," Florida Tourist Development Tax Association, Inc., 22nd Annual Tax Conference, Fort Myers, FL
2017	"Florida Economy," Lykes Bros. Inc. Board Retreat, Streamsong, FL
2016	"The Future of Florida's Economy," Master the Possibilities, Inc., Ocala, FL
2015	"Florida Economy," The Florida Chapter of the World Presidents Organization, University of Florida, Gainesville, FL
2015	"Florida Economy," Trustees of the Harry Anna Investment Fund, Umatilla, FL
2013	Seminar on Social Capital and Public Policy, UNDP and CIDE, México

Teaching Experience

University of Florida

2018-	ECO 7427: Econometrics Methods II (Ph.D. level)
2019-	ECO 5435: Economic Data Analysis (Master level)
2016-2018	ECO 4934: Applied Analysis of Economic Indicators (Undergraduate level)

Other institutions

2014	(TA) Economic Growth and Human Resources, UW-Madison
2008	Stata instructor, Universidad Autónoma de México
2005	(TA) Econometrics, Tecnológico de Monterrey, CCM

Graduate Student's Committee

Graduated: chair of committee (first job)

- [1] Armand Kapllani, Ph.D. Economics, 2022 (Senior Quantitative Researcher, T-Mobile USA)
- [2] Anita Walsh, Ph.D. Economics, 2022 (Associate, The Brattle Group)
- [3] Emanuel Garcia Munoz, Ph.D. Economics, 2023 (Assistant Professor, Palm Beach Atlantic University)

Graduated: dissertation committee member

- [1] Zachary H. Cohle, Ph.D. Economics, 2017
- [2] Alberto Ortega Jr., Ph.D. Economics, 2017
- [3] Miguel Olivas Perez, M.D.P. Sustainable Development Practice, non-thesis committee, 2018
- [4] Shubhi Agarwal, Ph.D. Economics, 2022
- [5] Urbashi Mookerjee, Ph.D. Economics, 2022
- [6] Jeehoon Paik, Ph.D. Economics, 2022
- [7] Alan Secor, Ph.D. Economics, 2022
- [8] Daniel Wagner, Ph.D. Economics, 2022

Graduated: external dissertation committee member

- [1] Md Maurp Hossain, Ph.D. Food and Resource Economics, 2019
- [2] Shourish Chakravarty, Ph.D. Food and Resource Economics, 2019
- [3] Carlos R. Pitta, Ph.D. Food and Resource Economics, 2019
- [4] Dong Hyun Shin, Ph.D. Business Administration, 2021

Active-Registered: chair of committee

- [1] Don Tawanpitak, Ph.D. Economics

Active-Registered: dissertation committee member

- [1] Dilan Alpergin, Ph.D. Economics
- [2] Mayra Rivas, Ph.D. Interdisciplinary Ecology
- [3] Roberto Munoz-Pando, Ph.D. Anthropology

Referee Experience

National Science Foundation
 Revista Políticas Públicas, EGAP (Public Policy Journal)
 Applied Economics
 Economic Journal
 Economics of Energy & Environmental Policy
 Energy Journal
 Latin American Economic Review

Service

2022 UF BEBR Fall Internship Program Supervisor
 2021 UF BEBR Spring and Fall Internship Program Supervisor
 2020 UF BEBR Spring and Fall Internship Program Supervisor
 2019 UF BEBR Summer and Fall Internship Program Supervisor
 2016-2018 UF Center for Latin American Studies, Faculty Advisory Council
 2018 Participant at the panel discussion "Year of the Child." UF Bob Graham Center
 2016-2017 Mentor for the University Minority Mentor Program (UMMP), UF

Awards and Honors

2009-2014 Council of Science and Technology (CONACYT) Fellowship, México
 2012-2013 Supplementary Scholarship from the Secretariat of Public Education, México

Summer School, Seminars, and Workshops

2013 Chicago Summer School on Socioeconomic Inequality, HCEO, University of Chicago
 2008 International Seminar on the Methodology for Multidimensional Poverty Measurement, CONEVAL, México
 2008 Applied Statistics for Multidimensional Poverty Measurement, ITAM, México
 2008 Global Workshop on 'Policy Analysis Techniques related to Child Poverty and Disparities', UNICEF, Southampton University, UK
 2006 Guest student at the 'Business Summit' (Cumbre de Negocios), Monterrey

Skills and Other Misc.

Computer: Stata, PovMap, L^AT_EX
 Languages: Spanish (native), English (fluent), French (intermediate)
 Diplôme D'Études de la Langue Française (A1, A2, B1, B2)
 Citizenship: Mexico & U.S. (permanent resident)

References

Available upon request