

Hector H. Sandoval

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Director of Economic Analysis Program

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Education

- 2015 Ph.D. Economics, University of Wisconsin - Madison
 Advisors: **Steven Durlauf** (Chair), **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, Energy/Environmental Economics, Consumer Sentiment, Social Interactions, Peer Effects, Education, and Program Evaluation

Professional Experience

Current Appointment

- 2015 - Director of Economic Analysis Program, Bureau of Economic and Business Research (BEBR), University of Florida
- 2023 - Research Assistant Professor, BEBR, University of Florida

Other Affiliations

- 2015 - Affiliated and Graduate Faculty, Center for Latin American Studies, University of Florida (UF)
- 2018 - Affiliated Faculty, Master of Sustainable Development Practice Program, Center for African Studies and Center for Latin American Studies, UF
- 2019 - Affiliated Faculty, School of Natural Resources and Environment; Graduate Faculty in Interdisciplinary Ecology, UF
- 2019 - Affiliated Faculty, Education Policy Research Center, College of Education, UF

Previous Positions

- 2015-2023 Assistant Professor, Department of Economics, University of Florida
- 2009 Director of Statistics, Poverty Analysis Division, National Council for the Evaluation of Social Development Policy (**CONEVAL**, by its Spanish acronym)
- 2007-2009 Vice-director of Sampling and Statistics, Poverty Analysis Division, **CONEVAL**

Other Professional Experience

- 2006-2015 Independent consultant for the World Bank, UNDP Human Development Office (Mexico), and **CONEVAL**

2004-2015 Research Assistant to Jaime Luque (UW-Madison, 2015), Elisabeth Sadoulet (UC Berkeley, 2006), Alejandra Pellicer (DIE-CINVESTAV IPN, 2006), Carlos Urzúa (ITESM-CCM, 2004-2006), Carlos Brambila (ITESM-CCM, 2004-2006), and Luis Felipe López-Calva (ITESM-CCM, 2004).

Publications

Peer-Reviewed Published & Forthcoming Papers

‡ Graduate student coauthor

- [1] Split Incentives in Emerging Countries, with Pedro Hancevic. *The Energy Journal*, 2024.
- [2] Gender Gap in Consumer Expectations. *Applied Economics Letters*, 1-6, 2024.
- [3] Sentiments and Spending Intentions: Evidence from Florida, with Anita Walsh[‡]. *Economic Inquiry*, 2024.
Media attention: *Wiley Research Headlines* | *UF CLAS News* | *The Guardian*
- [4] Solar Panel Adoption Among Mexican Small and Medium-Sized Commercial and Service Businesses, with Pedro Hancevic. *Energy Economics*, Vol. 126, 106979, 2023.
- [5] 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.
- [6] The Impact of K-12 Students Fare Free Bus Programs on Educational Outcomes, with Emanuel Garcia Munoz[‡]. *Journal of Human Capital*, 16(4), 2022.
- [7] Low-Income Energy Efficiency Programs and Energy Consumption, with Pedro Hancevic. *Journal of Environmental Economics and Management*, Vol. 113, 102656, 2022.
- [8] The Role of Consumer Confidence in Forecasting Consumption, Evidence from Florida, with Anita Walsh[‡]. *Southern Economic Journal*, 88(2): 757-788, 2021.
- [9] Social Capital in Labor Market Access and Poverty in Mexico, with Martín Lima. *Well-being and Social Policy*, 9(1): 49-71, 2014.
- [10] Negative Net Incomes and the Measurement of Poverty: A Note, with Carlos Urzúa. *Journal of Management, Finance, and Economics*, 3(1): 29-36, 2009.
- [11] 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.

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] Florida Consumer Sentiment Index Report (monthly since October 2015)
- [2] Racial Inequity Study Lays Groundwork for Action, with Mark Girson. *Business in Greater Gainesville*, November issue: 26-29, 2018.
- [3] Human Development and Millennium Development Goals in Puebla, UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP), 2013 (Spanish).
- [4] The Construction of Well-being Lines. Methodological Document, CONEVAL, 2012 (Spanish).

Working Papers & Papers in Progress

Completed Manuscripts

- [1] [Opportunistic Behavior and Discrimination in the Mexican Solar PV Market: An Audit Experiment](#), with Hernán Bejarano and Pedro Hancevic, 2024 (*under review*).
- [2] [The Hidden Costs of Tariff Misclassification: Structural Winners and Losers](#), with Hernán Bejarano and Pedro Hancevic, 2024 (*revise & resubmit*).
- [3] [Energy Efficiency Audits for Small Firms in Mexico](#), with Hernán Bejarano and Pedro Hancevic, 2024.
- [4] [Social Interactions and Social Divisions in Program Intervention](#), 2022.

Work in Progress

- [1] [Assessing the Impact of Minimum Energy Efficiency Standards for Rental Properties](#), with Pedro Hancevic, 2024.
- [2] [Unlocking the Potential: Factors Influencing Residential Photovoltaic System Adoption in Mexico](#), with Hernán Bejarano, Brandon García, and Pedro Hancevic, 2024.
- [3] [Hurricanes and Labor Markets: Insights from Unemployment Insurance Claims](#), with Pedro Hancevic, 2024.
- [4] [Weathering the Storm: How Sentiment Responds to Hurricanes](#).
- [5] [Sentiments and Consumer Spending: Evidence from Florida's Metro Areas](#), with Anita Walsh[‡], 2022.
- [6] [Undercoverage and Partial Identification with Covariates](#), with Armand Kapllani[‡], 2022.
- [7] [Multi-Valued Treatment and Spillover Effects: The Case of Progres-Oportunidades](#), with Wallace Ao, 2017.

Grants & Funded Research

Research Grants

- [1] [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, 2022.

Externally Funded Projects through the Bureau of Economic and Business Research Projects involved, roles, and reports

- [1] [Export Sales Forecasting Accuracy Model](#). Sponsored by *Enterprise Florida Inc.* Principal Investigator (PI), \$33,900.
Report: [Accuracy of Sales Projections for Businesses in Florida Served by Enterprise Florida, Inc](#), 2023.
- [2] [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.
Report: [Economic Impacts of the University of Florida Clinical and Translational Science Institute](#), 2022.
- [3] [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.
Report: [Florida's Public Libraries: Major Events Longitudinal Study](#), 2021.
Report: [Florida's Public Libraries: Economic Impact Study](#), 2021.

- [4] Research Productivity of the University of Florida Clinical and Translational Science Institute. Sponsored by the *UF Clinical and Translational Science Institute*. PI, \$12,467.
Report: *Research Productivity of the University of Florida Clinical and Translational Science Institute*, 2021.
- [5] Volusia County Public Investment Study. Commissioned by the *Daytona Regional Chamber of Commerce* and the *Civic League of the Halifax Area*. PI, \$23,000.
Report: *Volusia County Public Investment Study*, 2021.
- [6] Florida Assisted Living Facilities Cost of Providing Care. Commissioned by the *Florida Assisted Living Association (FALA)*. PI, \$44,850.
Executive summary: *Florida Assisted Living Facilities Cost of Providing Care*, 2019.
Media attention: *Sunshine State News*
- [7] 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.
Report: *An Update to the Net Impact of Retirees on Florida's State and Local Budgets*, 2019.
- [8] *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.
Report: *Understanding Racial Inequity in Alachua County*, 2018. | [Slides](#)
Media attention: *Gainesville Sun, The Independent Florida Alligator*
- [9] Research Productivity and Economic Impacts of the University of Florida Clinical and Translational Science Institute. Sponsored by the *UF Clinical and Translational Science Institute*. PI, \$26,581.
Report: *Research Productivity and Economic Impacts of the University of Florida Clinical and Translational Science Institute*, 2018
- [10] Economic Impact Study for Cox Communications in Florida. Commissioned by *Cox Communications Southeast Region*. PI, \$16,175.
Report: *The Economic Contribution of Cox Communications in Florida*, 2017
- [11] Economic Impact Analysis for Polk County Healthcare Program. Commissioned by *Polk County's Indigent Healthcare Division*. PI, \$32,644.
Report: *Polk County Healthcare Study: An Economic Analysis of Polk County's Indigent Health Care Tax and Safety Net Program*, 2016

Conferences & Presentations

Presentations

2025	ASSA 2025 Annual Meeting (expected)
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), Mexico (virtual); 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

2024	Florida's Economic Outlook, Florida Tax Collector Association's Annual Conference, Orlando, FL; The Role of Data in Economic Research: Florida's Consumer Sentiment and Beyond, Keiser University, FL (virtual); Florida's Consumer Sentiment Index, Innovation Montessori High School, Orlando, FL (virtual); Florida's Economic Outlook, Florida Institute of Certified Public Accountants, Collegiate Accounting Symposium, Orlando FL (virtual)
2021	Lecture on the 2019 Economics Prize, Oak Hammock at the University of Florida, Gainesville, FL (virtual); 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
2020	Florida Economy Overview, Community Bank & Trust of Florida Economic Summit in the Villages, The Villages, FL; Florida and Our Recovery: Tracking the Reality of Consumer Confidence, Coral Gables Chamber of Commerce, Miami, FL (virtual)
2018	Understanding Racial Inequity in Alachua County , Wide Community Presentation for Government and Nonprofit Agencies, Gainesville, FL (16 additional presentations for community leaders and agencies in Alachua County); Florida's Aging Population, Atlantic & Pacific Exchange Program, Senior Dutch Government and Business Delegation, Miami, FL; Florida Job Market Report for Graduates with Bachelor's Degree , UF Online Director, Gainesville, FL
2017	Florida Economy, Lykes Bros. Inc. Board Retreat, Streamsong, FL; Florida Economy Overview, Florida Tourist Development Tax Association, Inc., 22nd Annual Tax Conference, Fort Myers, FL
2016	The Future of Florida's Economy, Master the Possibilities, Inc., Ocala, FL
2015	Florida Economy, Trustees of the Harry Anna Investment Fund, Umatilla, FL; Florida Economy, The Florida Chapter of the World Presidents Organization, University of Florida, Gainesville, FL
2013	Seminar on Social Capital and Public Policy, UNDP and CIDE, México

Teaching Experience

Department of Economics, University of Florida

2024 Spring	ECO 7427: Econometrics Methods II (PhD level). Overall Instructor Eval: 4.50/5
2024 Spring	ECO 5435: Economic Data Analysis (Master level). 4.74/5
2023 Spring	ECO 5435: Economic Data Analysis (Master level). 4.31/5
2022 Spring	ECO 7427: Econometrics Methods II (PhD level). 4.71/5
2022 Spring	ECO 5435: Economic Data Analysis (Master level). 4.07/5
2021 Spring	ECO 5435: Economic Data Analysis (Master level). 4.71/5

2020 Spring	ECO 7427: Econometrics Methods II (PhD level). 4.65/5
2020 Spring	ECO 5435: Economic Data Analysis (Master level). 4.36/5
2019 Spring	ECO 6936: Economic Data Analysis (Master level). 4.50/5
2018 Spring	ECO 7427: Applied Econometrics (PhD level). 4.82/5
2018 Spring	ECO 4934: Applied Analysis of Economic Indicators (Undergrad). 4.46/5
2017 Spring	ECO 4934: Applied Analysis of Economic Indicators (Undergrad). 3.78/5
2016 Spring	ECO 4934: Applied Analysis of Economic Indicators (Undergrad). 4.50/5

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

Chair of committee (first job)

- [1] Anita Walsh, Ph.D. Economics, 2022 (Associate, The Brattle Group)
- [2] Armand Kapllani, Ph.D. Economics, 2022 (Senior Quantitative Researcher, T-Mobile USA)
- [3] Emanuel Garcia Munoz, Ph.D. Economics, 2023 (Assistant Professor, Palm Beach Atlantic University)
- [4] Don Tawanpitak, Ph.D. Economics, 2024 (Researcher, Puey Ungphakorn Institute for Economic Research [PIER])

Dissertation committee member

- [1] Zachary H. Cohle, Ph.D. Economics, 2017
- [2] Alberto Ortega Jr., Ph.D. Economics, 2017
- [3] Miguel Olivas Perez, Master of Sustainable Development Practice, 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
- [9] Dilan Alpergin, Ph.D. Economics, 2023

External dissertation committee member

- [1] Md Maup 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
- [5] Roberto Munoz-Pando, Ph.D. Anthropology, 2023
- [6] Matthew J. Albrecht, Ph.D. Anthropology, 2023

Referee/Reviewer Experience

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

Service

- 2019-2024 UF BEBR 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;
Participant at *It's Venezuela, not Minnesota* discussion event organized by the UF
Venezuelan Student Association (VENSA)
- 2017 Participant at the Roundtable discussion *Evaluating Impact in the Translational
Health Sciences*, UF Clinical and Translational Science Institute
- 2016-2017 Mentor for the University Minority Mentor Program (UMMP), UF

Media Appearances

- 2015-2024 Interviewed by outlets such as The Guardian, The Chronicle of Higher Education,
The Washington Post, ABC Action News, Newsweek, La Nación de Argentina,
NPR, Forbes, Market Place, Tampa Bay Times, Sarasota Herald-Tribune, Florida
Trend, Orlando Sentinel, NewsBreak, Gainesville Sun, The Independent Florida
Alligator, and WUFT-TV.
Radio appearances include WUSF Radio (Tampa), NPR's The Florida Roundup
(podcast), NPR – WMFE 90.7, and Noticias WUFT (Spanish).

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 Mea-
surement, 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, México

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