

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)
University of Florida
Ayers Technology Plaza, Suite 150
720 SW 2nd Ave.
Gainesville, FL 32611, USA
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Education

- 2015 Ph.D. Economics, University of Wisconsin - Madison
Dissertation: *Essays on Social Interactions in Rural Mexico*
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

- 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. Principal Investigator (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.
2021	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. 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.
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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 (forthcoming).
- [2] "The Impact of K-12 Students Fare Free Bus Programs on Educational Outcomes," with Emanuel Garcia Munoz‡.
Journal of Human Capital (forthcoming).
- [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] "Florida's Public Libraries: Major Events Longitudinal Study," BEBR, 2021.
- [2] "Florida's Public Libraries: Economic Impact Study," BEBR, 2021.
- [3] "Research Productivity of the University of Florida Clinical and Translational Science Institute (UF CTSI)," BEBR, 2021.
- [4] "Volusia County Public Investment Study," BEBR, 2021.
- [5] "Florida Assisted Living Facilities Cost of Providing Care," BEBR, 2019.
Media attention: Sunshine State News
- [6] "An Update to the Net Impact of Retirees on Florida's State and Local Budgets," BEBR, 2019.
- [7] "Understanding Racial Inequity in Alachua County," BEBR, 2018.
Media attention: Gainesville Sun, The Independent Florida Alligator
Slides
- [8] "Research Productivity and Economic Impacts of the University of Florida Clinical and Translational Science Institute," BEBR, 2018.
- [9] "Polk County Healthcare Study: An Economic Analysis of Polk County's Indigent Health Care Tax and Safety Net Program," BEBR, 2016.
- [10] "Human Development and Millennium Development Goals in Puebla," UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP), 2013 (Spanish).
- [11] "The Construction of Well-being Lines. Methodological Document," CONEVAL, 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 (Under review).
[2] "Social Interactions and Social Divisions in Program Intervention," 2022 (Under review).

Work in Progress

- [1] "Solar Panel Adoption in SMEs in Developing Countries," with Pedro Hancevic, 2022.
[2] "Sentiments and Consumer Spending: Evidence from Florida's Metro Areas," with Anita Walsh‡, 2022.
[3] "Undercoverage and Partial Identification with Covariates," with Armand Kapllani‡, 2022.
[4] "Child Labor and Social Interactions," 2020.
[5] "A Randomized College Scholarship Program," with Isaac McFarlin, 2019.
[7] "Multi-Valued Treatment and Spillover Effects: The Case of Progres-Oportunidades," with Wallace Ao, 2017.
[6] "Interference in Program Evaluation," 2017
[8] "The Effect of Research Networks and Collaborations on Productivity," with Valerio Leone-Sciabolazza and Perihan Saygin, 2017.
[9] "Peer Effects and the Best and Brightest Scholarship Program"

Conferences & Presentations

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| 2022 | Academy of Economics and Finance 59th Annual Meeting Virtual Conference |
| 2021 | Centro de Investigación y Docencia Económicas (CIDE); Southern Economic Association 91st Annual Meeting |
| 2020 | Southern Economic Association 90th Annual Meeting; 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. (online)
- 2020 "Florida and Our Recovery: Tracking the Reality of Consumer Confidence," Coral Gables Chamber of Commerce, Miami, FL. (online)
- 2019 "Florida Economy Overview," Community Bank & Trust of Florida Economic Summit in the Villages, The Villages, FL.
- 2018 Florida's Aging Population," Senior Dutch Government and Business Representatives, 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

- 2022 Spring ECO 7427: Econometrics Methods II (PhD level), University of Florida
- 2022 Spring ECO 5435: Economic Data Analysis (Master level), University of Florida
- 2021 Spring ECO 5435: Economic Data Analysis (Master level), University of Florida
- 2020 Spring ECO 7427: Econometrics Methods II (PhD level), University of Florida
- 2020 Spring ECO 5435: Economic Data Analysis (Master level), University of Florida
- 2019 Spring ECO 6936: Economic Data Analysis (Master level), University of Florida
- 2018 Spring ECO 7427: Applied Econometrics (PhD level), University of Florida
- 2018 Spring ECO 4934: Applied Analysis of Economic Indicators, University of Florida
- 2017 Spring ECO 4934: Applied Analysis of Economic Indicators, University of Florida
- 2016 Spring ECO 4934: Applied Analysis of Economic Indicators, University of Florida
- 2014 Fall (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)

- [1] Armand Kapllani, Ph.D. Economics, dissertation committee, 2022
- [2] Anita Walsh, Ph.D. Economics, dissertation committee, 2022

Graduated (committee member)

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

Graduated (external committee member)

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

Active-Registered (chair of committee)

- [1] Emanuel Garcia Munoz, Ph.D. Economics, dissertation committee
- [2] Don Tawanpitak, Ph.D. Economics, dissertation committee

Active-Registered (committee member)

- [1] Dilan Alpergin, Ph.D. Economics, dissertation committee
- [2] Mayra Rivas, Ph.D. Interdisciplinary Ecology, dissertation committee

Referee Experience

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

Service

- 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