

DANIEL J. PASTOR

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Contact

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Education

Ph.D. in Economics, Wayne State University, May 2016, Dissertation Committee: Robert Rossana
(Chair), Liang Hu, Shooshan Danagoulian
M.A. in Economics, Wayne State University, May 2011
B.S. in Mathematics, Cum Laude, Wayne State University, August 2007

Positions

University of Texas at El Paso
Assistant Professor, Department of Economics and Finance, Sept. 2016 to present
Visiting Assistant Professor, Department of Economics and Finance, Sept. 2015 to Aug. 2016

Wayne State University, Detroit MI
Part Time Faculty, Department of Economics, Aug. 2012 to Aug. 2015
Graduate Teaching Assistant, Department of Economics, Sept. 2009 to Aug. 2012

Research

Research Fields

Energy, Energy Forecasting, Time Series, Applied Econometrics

Publications

Pastor, D. J. & Ewing, B. T. (2021). Dynamics of Power Prices and Water Production in Los Angeles: Implications for Earthquake Resilience and Recovery, *forthcoming Empirical Economics Letters*

Pastor, D. J., & Fullerton, T. M. (2020). Municipal Water Consumption and Urban Economic Growth in El Paso. *Water*, 12(10), 2656.

Pastor, D. (2020). The effects of renewables portfolio standards on renewable energy generation. *Economics Bulletin*, 40(3), 2121-2133.

Herrera, A. M., Hu, L., & **Pastor, D.** (2018). Forecasting crude oil price volatility. *International Journal of Forecasting*, 34(4), 622-635.

Works In Progress

“Uncertainty and Irreversible Investment: An Analysis of North Slope Oil Well Drilling”, *revision submitted, The Energy Journal*.

“Exploding DUCs? Identifying Periods of Mild Explosivity in the Time Series Behavior of Drilled but Uncompleted Wells”, with Bradley Ewing, *revision submitted, Energy*.

“VECM Model of Water Infrastructure in Los Angeles: Implications for Community Resilience and Recovery”, with Bradley Ewing, *under review*.

“Small Commercial And Industrial Electricity Consumption In Las Cruces, New Mexico”, with T.M. Fullerton, Jr., M.J. Pokojovy, and A.T. Yurachek, *under review*.

“Is There Evidence of Mild Explosive Behavior in Alaska North Slope Crude Oil Prices”, with Bradley Ewing.

“Investigating the Effects of The Federal Lease Ban: An Analysis Based On Oil Well Drilling in New Mexico And Texas”, with Charles F. Mason.

“Co-Movements of Alaska North Slope and West Texas Intermediate Crude Oil Prices”, with Bradley Ewing.

“VEC Model of Oil Well Permitting in Texas,” with Bradley Ewing.

Conference Presentations and Invited Talks (Presented By Co-Author = *)

- “Mild Explosivity in Alaska North Slope Crude Oil Prices,” with Bradley Ewing, Southern Economics Association annual conference, Houston, TX, November 2021.
- “Small Commercial and Industrial Electricity Consumption in Las Cruces, New Mexico,” with T.M. Fullerton, Jr., M.J. Pokojovy, and A.T. Yurachek, invited paper presented to *Universidad Autónoma de Nuevo León Microeconomic Seminar Series*, Monterrey, NL, July 2021*.
- “VECM Model of Water Production in Los Angeles: Implications for Community Resilience and Recovery,” with Bradley Ewing, Southern Regional Science Association (virtual) annual conference, April, 2021*.
- “Dynamics of Power Prices and Water Production in Los Angeles: Implications for Earthquake Resilience and Recovery,” with Bradley Ewing, North American Regional Science Council (virtual) annual conference, November 2020*.
- “Productivity and Price Elasticity of Supply on the North Slope,” Eastern Economics Association annual conference, Boston, MA, February 2020.
- “Manager Changes and Success in Major League Baseball,” with Jason Reed, Eastern Economics Association annual conference, New York, NY, February 2019.
- “Economic Impacts of Renewable Energy Projects and Renewable Portfolio Standards,” International Atlantic Economics Association annual conference, New York, NY, October 2018.
- “Economic Impacts of Renewable Energy Projects and Renewable Portfolio Standards,” Eastern Economics Association annual conference, Boston, MA, February 2018.
- “Uncertainty and irreversible investment: An analysis of Alaskan oil well drilling,” Eastern Economics Association annual conference, New York, NY, February 2017.
- “Uncertainty and irreversible investment: An analysis of Alaskan oil well drilling,” Illinois Economics Association, Chicago IL, October 2015.
- “Crude Oil Price Volatility,” with Liang Hu, Wayne State University Economics Department Seminar, September 2014.
- “Investment, Irreversibility, and Uncertainty: An Analysis of Alaskan Oil Drilling,” with Ana María Herrera and Liang Hu, Midwest Economics Association annual conference, Columbus OH, March 2013.
- “Investment, Irreversibility, and Uncertainty: An Analysis of Alaskan Oil Drilling,” with Ana María Herrera and Liang Hu, Illinois Economics Association annual conference, Chicago IL, October 2012.

“Investment, Irreversibility, and Uncertainty: An Analysis of Alaskan Oil Drilling,” with Ana María Herrera and Liang Hu, 5th Annual MSU, UM, and Wayne State Energy and Environmental Economics Day, August 2012.

Grant Submissions

“Workforce Capacity Development in Business, Economic, and COVID-19 Data Analytics,” Principal Investigator, with Thomas Fullerton and Rigoberto Delgado, National Science Foundation Build and Broaden 2.0, Enhancing Social, Behavioral And Economic Science Research And Capacity At Minority-Serving Institutions, *Not Funded*.

“Transportation Flows, Cross-Border Pricing Dynamics, and Dollar Acceptance Patterns involving Borderplex International Ports of Entry”, Co- Principal Investigator, with Thomas Fullerton (PI), Carlos Aguilar, and Steven Fullerton, Department of Homeland Security Scientific Leadership Awards for Minority Serving Institutions, October 2020, *Not Funded*.

Teaching Experience

University of Texas at El Paso

ECON 5305: Applied Mathematical Economics (Master’s)

ECON 5370: Applied Econometrics (Master’s)

ECON 5372: Panel Data and Discrete Choice Models (Master’s)

ECON 3310: Managerial Economics

ECON 3372: Mathematical Economics

ECON 3373: Introductory Econometrics

ECON 2304: Principles of Microeconomics

Wayne State University

ECO 6050: Macroeconomics (Master’s)

ECO 1000: Survey of Economics

ECO 2010: Principles of Microeconomics

ECO 2020: Principles of Macroeconomics

ECO 5000: Intermediate Economics

Service

Faculty Senator

Presidential Scholarship Task Force – committee member

Undergraduate Scholarship Committee - Chair

Master’s Thesis Committee Member - Andrew Yurachek

Referee Experience

Energy Economics, Journal of Economics, Journal of Economic Insight, Energy Journal, Economic Modelling, Economics Bulletin, Journal of Borderland Studies

Awards

Nancy S. Barrett Award for Outstanding Dissertation in Applied Macroeconomics, April 2016

Graduate Exhibition, Second Place Poster, March 2013

Thomas C. Rumble University Graduate Fellowship, 2012-2013

Samuel M. Levin Award for best Graduate Essay, March 2012

Related Work Experience

Economic Analysis of the South Texas Energy Complex, June 2017, September 2019

Professional Affiliations

Econometric Society, American Economic Association, International Institute of Forecasters,
International Association for Energy Economics