

Rubén Hernández-Murillo

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314-827-6381 (c)

Citizenship: US

INTERESTS

- ▶ R, Python, SQL, MATLAB, Stata.
- ▶ RStudio Connect, GitHub, GitLab.
- ▶ Text analytics and machine learning models in economics.
- ▶ Public speaking.

WORK EXPERIENCE

Research

2015-Present *Federal Reserve Bank of Cleveland*. Policy economist.

2000-2015 *Federal Reserve Bank of St. Louis*. Economist.

- ▶ Published 25 scholarly articles and 50+ nontechnical articles.
- ▶ Topics: applied microeconomics; econometrics and forecasting; real estate economics; regional economics.
- ▶ Served as reviewer for 40+ academic journals.

Policy/Analysis

2015-Present *Federal Reserve Bank of Cleveland*.

- ▶ Developed tools in *R Shiny* to analyze text information collected from a Qualtrics survey of business contacts.
- ▶ Wrote nontechnical articles on current economic conditions in the Fourth District and the nation.
- ▶ Briefed the Bank's President, Boards of Directors of the Bank's branches, and industry and community leaders on current economic conditions in the Fourth District and the nation.

2000-2015 *Federal Reserve Bank of St. Louis*.

- ▶ Served as reviewer in Federal Reserve System's *Comprehensive Capital Analysis and Review* (CCAR). (2012-2014)
- ▶ Chaired Federal Reserve System's *Committee on Regional Analysis*; organized its *Annual Conference*. (2013-2014)
- ▶ Coordinated the St. Louis District's *Beige Book*. (2002-2014)
- ▶ Briefed the Bank's President, Boards of Directors of the Bank's branches, and industry and community leaders on current economic conditions in the Eighth District and the nation.

1994-1995 *ITAM, CAIE (Center for Economic Research and Analysis)*. Junior researcher.

- ▶ Wrote periodical reports on economic conditions in Mexico.

Teaching

2013 (summer) *Washington University in St. Louis. Olin Business School*. Managerial economics.

2002 (spring) *ITAM. CIE (Center for Economic Research)*. Intermediate microeconomics; industrial organization (master's).

1998, 1999 *University of Rochester. Department of Economics*. Intermediate microeconomics.

EDUCATION

2001 PhD in Economics. *University of Rochester*.

1998 MA in Economics. *University of Rochester*.

1995 BA in Economics, *summa cum laude*. *ITAM (Instituto Tecnológico Autónomo de México)*.

SELECTED AND RECENT PUBLICATIONS

2020 "Assessing Layoffs in Four Midwestern States during the Pandemic Recession." (with Pawel M. Krolkowski) *Federal Reserve Bank of Cleveland Economic Commentary*, no. 2020-21 (August).

2019 "Interjurisdictional Competition with Adverse Selection." *Journal of Public Economics*, 173, pp. 85-95.

2018 "A State Level Analysis of Okun's Law." (with Amy Y. Guisinger, Michael T. Owyang, and Tara Sinclair) *Regional Science and Urban Economics*, 68, pp. 239-248.

2017 "Clustered Housing Cycles." (with Michael T. Owyang and Margarita Rubio) *Regional Science and Urban Economics*, 66 (Sep), pp. 185-97.

2010 "Strategic Online Banking Adoption," (with Gerard Llobet and Roberto Fuentes) *Journal of Banking and Finance*, 34(7), pp. 1650-1663.

2009 "Measuring the Information Content of the Beige Book: A Mixed Data Sampling Approach." (with Michelle T. Armesto, Michael T. Owyang, and Jeremy Piger) *Journal of Money, Credit and Banking*, 41 (1): 35-55

2007 "Experiments in Financial Liberalization: The Mexican Banking Sector." *Federal Reserve Bank of St. Louis Review*, 89(5), pp. 415-32.