

Rubén Hernández-Murillo

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314-827-6381 (c)

Citizenship: US

SKILLS/ INTERESTS

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

WORK EXPERIENCE

Analysis

2022-Present KeyBank, N.A. Quant Analytics Sr Assoc.

Research

2015-2022 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

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.