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Adrian Peralta-Alva—Senior Economist

Joined the Bank Staff May 19, 2008

Education Ph.D. Economics, University of Minnesota, 2003
B.A. Economics, Instituto Tecnológico Autónomo de México,
1998

Areas of Interest Macroeconomics, Computational Economics, Monetary Theory

Previous Experience

2003-2008 Assistant Professor, University of Miami, Department of Economics

2001-2003 Visiting Graduate Student, Federal Reserve Bank of Minneapolis,
Research Department

2000-2003 Research Assistant, University of Minnesota, Department of Economics

1998-2003 Teaching Assistant, University of Minnesota, Department of Economics

1998 Visiting Scholar, University of Minnesota, Department of Economics

1996-1998 Research Assistant, Instituto Tecnológico Autónomo de México, Centro
de Investigación Económica

Articles Published in Peer-Reviewed Journals

“Oil Crisis, Energy-Saving Technological Change and the Stock Market Crash of 1973-74” with Sami Alpanda, *Review of Economic Dynamics*, October 2010, 13(4), pp. 824-42.

“Problems in the Numerical Simulation of Models with Heterogeneous Agents and Economic Distortions” with Manuel S. Santos, *Journal of the European Economic Association*, April 2010, 8(2-3), pp. 617-25.

“Optimal Monetary and Fiscal Policies in a Search Theoretic Model of Monetary Exchange” with Pere Gomis-Porqueras, *European Economic Review*, April 2010, 54(3), pp. 331-44.

“The Information Technology Revolution and the Puzzling Trends in Tobin’s Average q ,” *International Economic Review*, August 2007, 48(3), pp. 929-51.

“Accuracy of Simulations for Stochastic Dynamic Models” with Manuel S. Santos, *Econometrica*, November 2005, 73(6), pp. 1939-76.

“Comment on ‘Growth Cycles and Market Crashes,’” *Journal of Economic Theory*, July 2003, 111(1), pp. 147-48.

Articles Published by the Federal Reserve Bank of St. Louis

“Reader Exchange: Why have Americans gained so much weight during the past 50 years?” Federal Reserve Bank of St. Louis *The Regional Economist*, October 2010, p. 27.

“What Happened to the U.S. Stock Market? Accounting for the Past 50 Years” with Michele Boldrin, Federal Reserve Bank of St. Louis *Review*, November/December 2009, 91(6), pp. 627-46.

Working Papers

“The Effects of Female Labor Force Participation on Obesity” with Pedro Gomis-Porqueras, Oscar A. Mitnik, and Maximilian D. Schmeiser, Federal Reserve Bank of St. Louis Working Paper 2011-035A, October 2011.

“Quantifying the Shadow Economy: Measurement with Theory” with Pedro Gomis-Porqueras and Christopher Waller, Federal Reserve Bank of St. Louis, Working Paper 2011-015A, May 2011.

“Numerical Simulation of Nonoptimal Dynamic Equilibrium Models” with Zhigang Feng, Jianjun Miao, and Manuel S. Santos, Federal Reserve Bank of St. Louis Working Paper 2009-018C, April 2009, Revised February 2012.

“A Macroeconomic Analysis of Obesity” with Pere Gomis-Porqueras, Federal Reserve Bank of St. Louis Working Paper 2008-017A, June 2008.

Conference and Seminar Presentations

“Optimal Monetary and Fiscal Policies in a Search Theoretic Model of Monetary Exchange,” Research Department of the Federal Reserve Bank of St. Louis, Fall 2007, and Federal Reserve Bank of Cleveland Conference on Money, Banking, Payments, and Finance, 2007.

Annual Meetings of the Society for Economic Dynamics, Prague, Czech Republic, 2007.

“The Macroeconomics of Obesity in the United States,” Research Department of the Federal Reserve Bank of Atlanta, Spring 2006, and World Congress of the Econometric Society, London, United Kingdom, 2005.

Annual Meetings of the Society for Economic Dynamics, Vancouver, Canada, 2006.

International Conference in Computing and Economics, Limassol, Cyprus, 2006.

“Oil Crisis, Energy Saving Technological Change, and the Stock Market Collapse of 1974,” Research Department of Banco de Mexico, Fall 2005.

Bi-annual Meetings of the Society for the Advancement of Economic Theory, Vigo, Spain, 2005.

Latin American Meeting of the Econometric Society, Santiago, Chile, 2004.

Midwest Macro Meetings, Ames, Iowa, 2004.

Annual Meetings of the Society of Economic Dynamics and Control, New York, 2003.