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As of : September 2009

Education

Ph.D. in Economics, University of Pennsylvania, August 2004.
Dissertation : *Essays on Macroeconomic Implications of Uninsured Idiosyncratic Uncertainty*
Supervisor : José-Víctor Ríos-Rull
M.A. in Economics, University of Pennsylvania, May 2000.
B.A. in International Relations, University of Tokyo, March 1994.

Current Appointment

Economist, Federal Reserve Bank of Philadelphia, August 2008–.

Past Appointments

Assistant Professor of Economics, University of Illinois at Urbana-Champaign, August 2004–
August 2008.

Professional Affiliations

Member of the American Economic Associations.
Member of the Econometric Society.

Grants and Awards

Dissertation Fellowship, Federal Reserve Bank of St. Louis, Summer 2003.
Joint Japan-World Bank Graduate Scholarship, 1998-2000.

Teaching Experience

UIUC, Ph.D.topics course: *Computational Methods in Macroeconomics* (2004, 2006, 2007, 2008)
UIUC, Undergraduate course: *Intermediate Macroeconomics* (2005, 2006, 2007, 2008)

Other Working Experience

Economist, Middle East and CIS Division, Japan Bank for International Cooperation, 2000-2001.
Loan Officer, African and South European Division, Export-Import Bank of Japan, 1994-1996.

Publications: Refereed Journals

“A Quantitative Theory of Unsecured Consumer Credit with Risk of Default,” (with Satyajit Chatterjee, Dean Corbae, and José-Víctor Ríos-Rull), *Econometrica*, 75(6), November 2007, 1525-1589.

Publications: Chapters in Books

“Default and Aggregate Fluctuations in Storage Economies,” (with José-Víctor Ríos-Rull), in *Frontiers in Applied General Equilibrium Modelling*, T. Kehoe, T.N. Srinivasan, and J. Whalley, eds., Cambridge, UK: Cambridge University Press, 2005.

Working Papers

“Home Equity Withdrawal in Retirement,” (with Irina A. Telyukova).

“Rising Indebtedness and Hyperbolic Discounting: A Welfare Analysis.”

“Worker Flows and Job Flows: A Quantitative Investigation,” (with Shigeru Fujita).

“Equilibrium Default and Temptation.”

“Optimal Capital Income Taxation with Housing.”

“Business Cycles in the Equilibrium Model of Labor Market Search and Self-Insurance.”

“Rising Earnings Instability, Portfolio Choice, and Housing Prices.”

“Bankruptcy Filings and Aggregate Fluctuations in Growth Economies,” (with José-Víctor Ríos-Rull).

Professional Activities: Paper Presentations

Kansas City FRB - NYU Joint Conference on Parallel Computing, Kansas City, August 2009.

Society for Economic Dynamics Annual Meeting, Istanbul, July 2009.

International Conference on Computing in Economics and Finance, Sydney, July 2009.

North American Meeting of the Econometric Society, Boston, June 2008.

CEMFI, Madrid, May 2009.

Simon Fraser University, Vancouver, April 2009.

University of British Columbia, Vancouver, April 2009.

ECB Conference on Financial Markets and Macroeconomy, Frankfurt, December 2008.

University of Queens, Kingston, October 2008.

Annual Meetings of the Illinois Economic Association, Chicago, October 2008.

NBER Summer Institute, Boston, July 2008.

Nagoya University, June 2008.

University of Tokyo, June 2008.

Cowles Summer Conference on Macroeconomics with Heterogeneous Households, June 2008.

Annual Meetings of the Canadian Economic Association, Vancouver, June 2008.

University of California, San Diego, May 2008.

Midwest Macro Meetings, Philadelphia, May 2008.

Federal Reserve Bank of Philadelphia, Philadelphia, April 2008.

University of Pennsylvania, November 2007.

Purdue University, November 2007.

University of Southern California, September 2007.

North American Meeting of the Econometric Society, Durham, June 2007.

ASSA Annual Meetings, Chicago, January 2007.

Far Eastern Meeting of the Econometric Society, Beijing, July 2006.

International Conference on Computing in Economics and Finance, Cyprus, June 2006.

Society for Economic Dynamics Annual Meeting, Budapest, June 2005.

ASSA Annual Meetings, San Diego, January 2004.

Federal Reserve Bank of Atlanta, December 2003.

Federal Reserve Bank of St. Louis, July 2003.
NBER Summer Institute, Boston, July 2002.

Professional Activities: Invited Lectures

Lectures in Parallel Computation for Macroeconomics, CEMFI, May 2009.
Lectures in Parallel Computation for Macroeconomics, University of Pennsylvania, April 2009.
Lectures in Parallel Computation for Macroeconomics, Bank of Canada, December 2006.

Professional Activities: Discussion

LSE Conference on Housing, Financial Markets, and Macroeconomy, London, May 2009.
The Philadelphia Fed Workshop on Monetary and Macroeconomics, Philadelphia, March 2009.
New York/Philadelphia Workshop on Macroeconomics, New York, December 2008.
Riksbank Conference on Household Indebtedness, House Prices, and the Economy, Stockholm, September 2008.

Professional Activities: Refereeing

Refereeing for *Review of Economic Studies*, *Journal of Monetary Economics*, *Quantitative Economics*,
Journal of Economic Dynamics and Control, *International Economic Review* (3), *NSF Grant Proposal* (2)