

Curriculum Vitae

**Mototsugu Shintani**

**Correspondence Address**

Department of Economics  
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**Personal Information**

Nationality: Japanese  
Visa Status: O-1

**Present Position**

Associate Professor, Department of Economics, Vanderbilt University, May 2007-present.

Associate Professor (Specially Appointed), Center for the Study of Finance and Insurance, Osaka University, May 2009-August 2009.

Visiting Scholar, the Global Center of Excellence (G-COE) program, the Research Unit for Statistical and Empirical Analysis in Social Sciences at Hitotsubashi University (Hi-Stat), August 2008-March 2010.

**Education**

Ph. D. in Economics, Yale University, May 2000 (adviser, Peter C. B. Phillips).  
M.Phil. in Economics, Yale University, May 1998.  
M. A. in Economics, Osaka University, March 1993.  
B. A. in Economics, Osaka University, March 1991.

**Previous Positions**

Assistant Professor, Department of Economics, Vanderbilt University, 2000-2001, 2002-2007.

Economist, Institute for Monetary and Economic Studies, Bank of Japan, 2007-2008.

Short-Term Visitor, Center for International Research on the Japanese Economy (CIRJE), University of Tokyo, 2006.

Visiting Scholar, Department of Economics, Rice University, 2004.

Visiting Research Fellow, Economic and Social Research Institute, Cabinet Office, Government of Japan, 2001-2002.

Lecturer, Faculty of Business and Commerce, Keio University, 2001-2002.

Research Associate, Institute of Social and Economic Research, Osaka University, 1993-1994.

### **Professional Memberships**

American Economic Association, Econometric Society, Japanese Economic Association

### **Fellowships, Honors and Awards**

National Science Foundation Grant SES-0524868 “Understanding Real Exchange Rates” (Co-PI with Mario J. Crucini and Chris I. Telmer), 2005-2008, Total amount \$341,878.

Carl A. Anderson Fellowship, Cowles Foundation, 1999.

Yale University Dissertation Fellowship, 1998.

Fulbright Fellowship, 1994-1996.

Ikueikai Scholarship, 1991-1993.

### **Articles in Refereed Journals**

Shintani, Mototsugu. “A Dynamic Factor Approach to Nonlinear Stability Analysis,” *Journal of Economic Dynamics and Control*; 32(9), September 2008, Pages 2788-2808.

Crucini, Mario J., and Mototsugu Shintani. “Persistence in Law of One Price Deviations: Evidence from Micro-data,” *Journal of Monetary Economics*; 55(3), April 2008, Pages 629-644.

Finegan, T. Aldrich, Roberto V. Penaloza, and Mototsugu Shintani. “Reassessing Cyclical Changes In Workers' Labor Market Status: Gross Flows And the Types of Workers Who Determine Them,” *Industrial and Labor Relations Review*; 61(2), January 2008, pages 244-257.

Ahlin, Christian, and Mototsugu Shintani. “Menu Costs and Markov Inflation: A Theoretical Revision with New Evidence,” *Journal of Monetary Economics*; 54(3), April 2007, pages 753-784.

Yang, Kun, and Mototsugu Shintani. “Does the Prediction Horizon Matter for the Forward Premium Anomaly? Evidence From Panel Data,” *Economics Letters*; 93(2), November 2006, pages 255-260.

Inoue, Atsushi, and Mototsugu Shintani. “Bootstrapping GMM Estimators for Time Series,” *Journal of Econometrics*; 133(2), August 2006, pages 531-555.

Shintani, Mototsugu. “A Nonparametric Measure of Convergence Towards Purchasing Power Parity,” *Journal of Applied Econometrics*; 21(5), July/August 2006, pages 589-604.

Cai, Ye, and Mototsugu Shintani. “On the Alternative Long-Run Variance Ratio Test for a Unit Root,” *Econometric Theory*; 22(3), June 2006, pages 347-372.

Serletis, Apostolos, and Mototsugu Shintani. “Chaotic Monetary Dynamics with Confidence,” *Journal of Macroeconomics*; 28(1), March 2006, pages 228-252.

Shintani, Mototsugu. “Nonlinear Forecasting Analysis Using Diffusion Indexes: An Application to Japan,” *Journal of Money, Credit, and Banking* 37(3), June 2005, pages 517-538.

Takagi, Shinji, Mototsugu Shintani and Tetsuro Okamoto. “Measuring the Economic Impact of Monetary Union: The Case of Okinawa,” *Review of Economics and Statistics*; 86(4), November 2004, pages 858-867.

Shintani, Mototsugu, and Oliver Linton. “Nonparametric Neural Network Estimation of Lyapunov Exponents and A Direct Test for Chaos,” *Journal of Econometrics*; 120(1), May 2004, pages 1-33.

Serletis, Apostolos, and Mototsugu Shintani. “No Evidence of Chaos But Some Evidence of Dependence in the U.S. Stock Market,” *Chaos, Solitons and Fractals*; 17(2-3), July 2003, pages 449-454.

Shintani, Mototsugu, and Oliver Linton. “Is There Chaos in the World Economy? A Nonparametric Test Using Consistent Standard Errors,” *International Economic Review*; 44(1), February 2003, pages 331-358.

Shintani, Mototsugu. “A Simple Cointegrating Rank Test Without Vector Autoregression,” *Journal of Econometrics*; 105(2), December 2001, pages 337-362.

Shibata, Akihisa, and Mototsugu Shintani. “Capital Mobility in the World Economy: An Alternative Test,” *Journal of International Money and Finance*; 17(5), October 1998, pages 741-756.

Shintani, Mototsugu. “Excess Smoothness of Consumption in Japan,” *Japanese Economic Review*; 47(3), September 1996, pages 271-285.

Ohtake, Fumio, and Mototsugu Shintani. “The Effect of Demographics on the Japanese Housing Market,” *Regional Science and Urban Economics*; 26(2), April 1996, pages 189-201.

Shintani, Mototsugu. “Cointegration and Tests of the Permanent Income Hypothesis: Japanese Evidence with International Comparisons,” *Journal of the Japanese and International Economies*; 8(2), June 1994, pages 144-72.

## **Book Chapters**

Mototsugu Shintani. “Financial Forecasting, Sensitive Dependence,” 2009, in Robert Meyers (Ed.) *Encyclopedia of Complexity and System Science*, Springer, New York, forthcoming.

## **Papers Submitted for Publication**

Park, Joon Y., and Mototsugu Shintani. “Testing for A Unit Root Against Transitional Autoregressive Models,” 2009, submitted for publication.

Crucini, Mario J., Mototsugu Shintani and Takayuki Tsuruga “The Law of One Price without the Border: the Roles of Distance versus Sticky Prices,” 2009, submitted for publication.

Crucini, Mario J., Mototsugu Shintani and Takayuki Tsuruga “Accounting for Persistence and Volatility of Good-level Real Exchange Rates: The Role of Sticky Information,” 2009, revised and resubmitted to *Journal of International Economics*.

Shintani, Mototsugu, Tomoyoshi Yabu and Daisuke Nagakura “Spurious Regressions in Technical Trading: Momentum or Contrarian?” 2008, submitted for publication.

Fujiwara, Ippei, Yasuo Hirose, and Mototsugu Shintani “Can News Be a Major Source of Aggregate Fluctuations? A Bayesian DSGE Approach,” 2008, submitted for publication.

### **Work In Progress**

Shintani, Mototsugu, Akiko Terada-Hagiwara and Tomoyoshi Yabu “Exchange Rate Pass-Through and Inflation: A Nonlinear Time Series” 2009.

Kim, Hwagyun, Joon Y. Park, and Mototsugu Shintani. “A Stochastic Dominance Analysis of High-Frequency Data With an Application to the International Diversification Puzzle,” 2009.

Weymark, Diana N., and Mototsugu Shintani. “Quantifying Inflationary Pressure and Monetary Policy Response in the United States,” 2006.

Crucini, Mario J., and Mototsugu Shintani. “International Comovement: Is Theory Ahead of Business Cycle Measurement?” 2004.

Shintani, Mototsugu. “Finite Sample Performance of Principal Components Estimators for Dynamic Factor Models,” 2003.

Park, Joon Y., and Mototsugu Shintani. “Nonstationary Local Polynomial Autoregression and Its Applications,” 2001.

### **Teaching Experience**

Instructor, Economic Statistics, Forecasting (Undergraduate), Vanderbilt University.

Instructor, Statistical Analysis, Econometrics, Econometric Theory, Time Series

Econometrics (Graduate), Vanderbilt University.

Teaching Assistant, Econometrics (Graduate), Econometrics (Undergraduate), Yale University.

### **Graduate Students Supervised (degree, year, first appointment)**

[Chair]

Zhengfeng Guo (Ph.D., in progress).  
Kun Yang (Ph.D., 2006, PanAgora Asset Management).  
Sujit Kanti Das (Ph.D., 2004, University of Tennessee at Knoxville).

[Committee member]

Bingyu Zhang (Ph.D., in progress).  
Jonathan Scott Davis (Ph.D., in progress).  
Chih-Wei Wang (Ph.D., 2008, Pacific Lutheran University).  
Inkoo Lee (Ph.D., 2005, Korea Institute for International Economic Policy).  
Jong-Hun Kim (Ph.D., 2005, Rose-Hulman Institute of Technology).  
Roberto V. Penaloza (Ph.D., 2005, Washington and Lee University).  
Haibin Wu (Ph.D., 2003, University of Alberta).  
Kenta Iida (MA, 2001, METI, Japanese government).

## **Refereeing Work**

*Econometrica, International Economic Review, Journal of Econometrics, Econometric Theory, Econometrics Journal, Journal of Business and Economic Statistics, Journal of Applied Econometrics, Oxford Bulletin of Economics and Statistics, Econometric Reviews, Journal of Financial Econometrics, Journal of Monetary Economics, Journal of Money, Credit and Banking, Journal of International Economics, Journal of International Money and Finance, Review of International Economics, Journal of Economic Dynamics and Control, Studies in Nonlinear Dynamics & Econometrics, Journal of Macroeconomics, Macroeconomic Dynamics, Explorations in Economic History, Economics Bulletin, Journal of Public Economic Theory, Journal of Housing Economics, Journal of Population Economics, Scottish Journal of Political Economy, Empirical Economics, Applied Financial Economics, The Financial Review, International Finance, Southern Economic Journal, Japanese Economic Review, Journal of the Japanese and International Economies, Journal of the Japan Statistical Society, China Economic Review, Taiwan Economic Review, Asia-Pacific Economic Review,* (Book chapter) Kluwer Academic Publishers, (Grant) National Science Foundation, Standard Research Grants Program of the Social Sciences and Humanities Research Council of Canada

## **Invited Seminars**

Bank of Japan, Duke University, Hiroshima University, Hitotsubashi University, Hokkaido University, Hong Kong University of Science and Technology, Indiana University, Keio University, Kobe University, Kobe University of Commerce, Kyoto University, Kyushu University, Ohio State University, Osaka University, Rice University, Seoul National University, Texas A&M University, Tohoku University, Tokyo Metropolitan University, University of British Columbia, University of Kansas, University of Maryland, University of Michigan, University of Montreal, University of Tokyo, Vanderbilt University, Yale University, Yokohama National University.

## **Conference Presentations**

2009 Annual Meeting of the Society for Nonlinear Dynamics and Econometrics, Federal Reserve Bank of Atlanta.

2008 Midwest Econometrics Group Meetings, University of Kansas.  
2008 Far Eastern Meetings of Econometric Society, Singapore.  
2008 Conference in Honor of Peter C. B. Phillips, Singapore Management University.  
2007 Hitotsubashi Conference on Econometrics, Hitotsubashi University, Tokyo, Japan.  
2006 CIREQ Time Series Conference, Universities of Montreal, McGill, and Concordia.  
2006 Midwest Econometrics Group Meetings, University of Cincinnati.  
2006 Far Eastern Meetings of Econometric Society, Beijing, China.  
2005 Conference on Microeconomic Sources of Real Exchange Rate Behavior, Carnegie Mellon University.  
2005 Econometric Society World Congress, London, UK.  
2005 Spring Meetings of Japanese Economic Association, Kyoto, Japan.  
2004 Midwest Econometrics Group Meetings, Northwestern University.  
2004 Far Eastern Meetings of Econometric Society, Seoul, Korea.  
2004 Annual Meeting of the Society for Nonlinear Dynamics and Econometrics, Federal Reserve Bank of Atlanta.  
2003 Midwest Econometrics Group Meetings, University of Missouri, Columbia.  
2003 Econometric Time Series Conference, Johannes Kepler University, Linz, Austria.  
2002 Common Features in Rio Conference, Rio de Janeiro, Brazil.  
2002 NBER Summer Institute, Boston.  
2002 Spring Meetings of Japanese Economic Association, Otaru, Japan.  
2001 Far Eastern Meetings of Econometric Society, Kobe, Japan.

### **Departmental Services**

Junior recruiting committee member, 2000-2001.  
Senior recruiting committee member, 2002-2003, 2006-2007.  
Joint recruiting committee member, 2003-2004.  
Research committee member, 2002-present.