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Eric T. Swanson

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Research and Teaching Interests

Macroeconomics, Macro-Finance, Monetary Economics, Computational Methods, Time Series

Experience

Senior Research Advisor and Research Advisor, Federal Reserve Bank of San Francisco, 2005–present
responsibilities: economic analysis and forecasting; brief president and boards of directors on U.S. economic outlook; design and maintain a dynamic factor model for forecasting U.S. economy; relate yield curve movements to risk premia and macroeconomic and monetary policy expectations; use high-frequency data to answer questions about macroeconomics and monetary policy

Senior Economist and Economist, Federal Reserve Board, 1998–2005
responsibilities: monetary policy rules; optimal monetary policy analysis; use high-frequency data to answer questions about macroeconomics and monetary policy

Visiting Assistant Professor, University of Michigan, Fall 2002
taught Econ 402 (intermediate Macroeconomics): 240 students; prepared lectures in PowerPoint; maintained course web site including relevant current newspaper articles; managed 4 TAs covering 8 sections; wrote weekly problem sets, two midterms, and a final

Lecturer, University of Virginia, Fall 2001
taught Econ 702 (first-year graduate Macroeconomics): 40 students; designed syllabus; wrote weekly problem sets and answer keys; wrote and graded a final exam; wrote and graded one-half of the Ph.D. comprehensive exam in the Spring

Education

Ph.D., Economics, Stanford University, 1998
dissertation: Individual and Sectoral Heterogeneity, Reallocation, and Aggregate Fluctuations

M.S., Mathematics, Stanford University, 1994
advanced to Ph.D. candidacy; transferred into Economics in 1993

B.A., Mathematics, Williams College, 1992
summa cum laude; Phi Beta Kappa; Sigma Xi; highest honors in Mathematics

Awards and Honors

National Science Foundation Fellowship, Economics, 1993–5, 1997–8

Department of Defense National Science & Engineering Fellowship, Mathematics, 1992–3
three-year fellowship; had to decline remaining two years when I transferred into Economics

Rosenberg Award, top graduate in Mathematics, Williams College, 1992

National Merit Scholarship, 1988

Journal Publications

"Risk Aversion and the Labor Margin in Dynamic Equilibrium Models," Federal Reserve Bank of San Francisco Working Paper 2009–26 and *American Economic Review,* forthcoming.

"The Bond Premium in a DSGE Model with Long-Run Real and Nominal Risks," with Glenn Rudebusch, Federal Reserve Bank of San Francisco Working Paper 2008–31, and *American Economic Journals: Macroeconomics,* forthcoming.

"Let's Twist Again: A High-Frequency Event-Study Analysis of Operation Twist and Its Implications for QE2," *Brookings Papers on Economic Activity,* Spring 2011, 151–88.

"Convergence and Anchoring of Yield Curves in the Euro Area," with Michael Ehrmann, Marcel Fratzscher, and Refet Gürkaynak, *Review of Economics and Statistics* 93, February 2011, 350–64.

"Does Inflation Targeting Anchor Long-Run Inflation Expectations? Evidence from Long-Term Bond Yields in the U.S., U.K., and Sweden," with Refet Gürkaynak and Andrew Levin, *Journal of the European Economic Association* 8, December 2010, 1208–42.

"Examining The Bond Premium Puzzle with a DSGE Model," with Glenn Rudebusch, *Journal of Monetary Economics* 55, October 2008, 111–26.

"Futures Prices as Risk-Adjusted Forecasts of Monetary Policy," with Monika Piazzesi, *Journal of Monetary Economics* 55, May 2008, 677–91.

"Real Wage Cyclicality in the PSID," *Scottish Journal of Political Economy* 54, November 2007, 617–47, special issue on wage cyclicality.

"Market-Based Measures of Monetary Policy Expectations," with Refet Gürkaynak and Brian Sack, *Jounal of Business and Economic Statistics* 25, April 2007, 201–12.

"The Relative Price and Relative Productivity Channels for Aggregate Fluctuations," *Contributions to Macroeconomics* 6, 2006, article 10.

"Have Increases in Federal Reserve Transparency Improved Private Sector Interest Rate Forecasts?" *Journal of Money, Credit, and Banking* 38, April 2006, 791–819.

"Optimal Nonlinear Policy: Signal Extraction with a Non-Normal Prior," *Journal of Economic Dynamics and Control* 30, February 2006, 185–203.

"Do Actions Speak Louder Than Words? The Response of Asset Prices to Monetary Policy Actions and Statements," with Refet Gürkaynak and Brian Sack, *International Journal of Central Banking* 1, May 2005, 55–93 (premier issue).

"The Sensitivity of Long-Term Interest Rates to Economic News: Evidence and Implications for Macroeconomic Models," with Refet Gürkaynak and Brian Sack, *American Economic Review* 95, March 2005, 425–36.

"Do Federal Reserve Policy Surprises Reveal Superior Information about the Economy?" with Jon Faust and Jonathan Wright, *Contributions to Macroeconomics* 4, 2004, article 10.

"Identifying VARs Based on High-Frequency Futures Data," with Jon Faust and Jonathan Wright, *Journal of Monetary Economics* 51, September 2004, 1107–31.

"Measuring the Cyclicality of Real Wages: How Important is the Firm's Point of View?" *Review of Economics and Statistics* 86, February 2004, 362–77.

"Signal Extraction and Non-Certainty-Equivalence in Optimal Monetary Policy Rules," *Macroeconomic Dynamics* 8, January 2004, 27–50.

"Identifying the Effects of Monetary Policy Shocks on Exchange Rates Using High Frequency Data," with Jon Faust, John Rogers, and Jonathan Wright, *Journal of the European Economic Association* 1, September 2003, 1031–57.

"NAIRU Uncertainty and Nonlinear Policy Rules," with Laurence Meyer and Volker Wieland, *American Economic Review* 91, May 2001, 226–31.

Non-economics publications:

"Out-of-Ecliptic Tests of the Inverse Correlation Between Solar Wind Speed and Coronal Expansion Factor," with Neil Sheeley and Yi-Ming Wang, *Journal of Geophysical Research* 96, August 1, 1991, 13,861–8.

"MPTP and MPTP Analogs Induced Cell Death in Cultured Rat Hepatocytes Involving the Formation of Pyridinium Metabolites," with Yogendra Singh, Edward Sokolski, R. Krishnan Kutty, and Gopal Krishna, *Toxicology and Applied Pharmacology* 96, 1988, 347–59.

Conference Volume and Other Publications

"Macroeconomic Implications of Changes in the Term Premium," with Glenn Rudebusch and Brian Sack, *Federal Reserve Bank of St. Louis Economic Review* 89(4), July/August 2007, 241–69.

"Inflation Targeting and the Anchoring of Inflation Expectations in the Western Hemisphere," with Refet Gürkaynak, Andrew Levin, and Andrew Marder, in Mishkin, Frederic and Klaus Schmidt-Hebbel (eds.), *Series on Central Banking, Analysis and Economic Policies X: Monetary Policy under Inflation Targeting* (Santiago, Chile: Banco Central de Chile, 2007).

"Inflation Targeting and the Anchoring of Inflation Expectations in the Western Hemisphere," with Refet Gürkaynak, Andrew Levin, and Andrew Marder, in *Federal Reserve Bank of San Francisco Economic Review* 2007, 25–47.

"The Bond Yield 'Conundrum' from a Macro-Finance Perspective," with Glenn Rudebusch and Tao Wu, *Monetary and Economic Studies (Special Edition)* 24(S-1), December 2006, 83–109.

Papers under Review

"Higher-Order Perturbation Solutions to Dynamic, Discrete-Time Rational Expectations Models," with Gary Anderson and Andrew Levin, Federal Reserve Bank of San Francisco Working Paper 2006–01, revision requested by *Journal of Economic Dynamics and Control*.

Working Papers

"Risk Aversion and the Labor Margin with Epstein-Zin, Multiplier, and Habit Preferences," 2011.

"Is the Zero Lower Bound Binding?" with John Williams, 2011.

"Optimal Time-Consistent Monetary Policy in the New Keynesian Model with Repeated Simultaneous Play," with Gauti Eggertsson, 2008.

"Optimal Real-Time Forecasts in Response to Daily News: a Dynamic Factor Model Approach," 2007.

"Bayesian Optimal Policy in the Presence of Regime Change and Local Parameter Uncertainty," 2006.

"Econometric Estimation When the 'True' Model Forecasts or Errors Are Observed," 2006.

Citations

Google Scholar citation count for my AER paper with Brian Sack and Refet Gürkaynak
(There is an error in JSTOR and Google Scholar that drops me as a coauthor from this paper; I am still working to resolve this issue)

Google Scholar citation count for my other papers

List of Citations in the Popular Press

List of Citations by Policymakers

Invited Seminars and Conference Presentations

2011: AEA Meetings, Denver; BlackRock, San Francisco; University of California, Irvine; Stanford University; Brookings Papers on Economic Activity, Washington DC; Society for Computational Economics, San Francisco; Society for Economic Dynamics, Ghent; DYNARE Annual Conference, Atlanta; Swiss National Bank Conference, Zurich; Bank for International Settlements, Basel.

2010: AEA Meetings, Atlanta; Università Bocconi/IGIER, Milan; Bank of Italy, Rome; Society for Economic Dynamics, Montreal; Econometric Society World Congress, Shanghai; NBER DSGE Models Meeting, Atlanta.

2009: NBER Economic Fluctuations and Growth Meeting, San Francisco; University of California, San Diego; Society for Economic Dynamics, Istanbul; NBER Summer Institute; Swedish Riksbank, Stockholm; Federal Reserve Bank of Chicago; NBER Monetary Economics Meeting, Cambridge MA.

2008: Conference on Monetary Economics, London School of Economics; Western Finance Association, Waikoloa HI; Society for Computational Economics, Paris; NBER Summer Institute; Society for Economic Dynamics, Cambridge MA; Conference on Fixed Income Markets, Bank of Canada; Federal Reserve Bank of Kansas City; NBER DSGE Models Meeting, Cleveland; University of Indiana, Bloomington; European Central Bank, Frankfurt; NBER Asset Pricing Meeting, Cambridge MA.

2007: AEA Meetings, Chicago; PIMCO, Newport Beach CA; Federal Reserve Bank of New York; Barclays Global Investors, San Francisco; University of California, Davis; Conference on Inflation Targeting, Cambridge University; Society for Economic Dynamics Meetings, Prague; NBER Summer Institute; DYNARE Annual Conference, Paris; Conference in Honor of John Taylor, Federal Reserve Bank of Dallas; Conference on Financial Market Integration, Federal Reserve Bank of Atlanta.

2006: AEA Meetings, Boston; Macroeconomic Advisers Conference, New York; Frontiers in Monetary Policy Research Conference, Federal Reserve Bank of St. Louis; London School of Economics; Bank of England, London; Federal Reserve System Conference, Pittsburgh.

2005: AEA Meetings, Philadelphia; University of California, San Diego; University of California, Irvine; Federal Reserve Bank of New York; Federal Reserve Bank of San Francisco; NBER Monetary Economics Meeting, Cambridge MA; CIRANO-CIREQ Conference on Forecasting in Macro and Finance, Montreal; Society for Computational Economics, Washington DC; Conference on Interest Rate Derivatives, Federal Reserve Bank of Cleveland; International Monetary Fund; Johns Hopkins University; University of California, Berkeley; Conference on Inflation Targeting, Banco Central de Chile, Santiago; Università Bocconi/IGIER, Milan; NBER Monetary Economics Meeting, Cambridge MA; European Central Bank, Frankfurt.

2004: AEA Meetings, San Diego; Stanford–San Francisco Fed Conference on Monetary Economics, San Francisco; NBER Summer Institute; University of North Carolina, Chapel Hill.

2003: AEA Meetings, Washington DC; Stanford–San Francisco Fed Conference on Monetary Economics, San Francisco; Federal Reserve System Conference, San Antonio; Econometric Society, Evanston IL; NBER Summer Institute; Bank of England, London; European Econometric Society, Stockholm; NBER Monetary Economics Meeting, Cambridge MA.

2002: AEA Meetings, Atlanta; Federal Reserve System Conference, Washington DC; Econometric Society, Los Angeles; NBER Summer Institute; University of Michigan, Ann Arbor.

2001: AEA Meetings, New Orleans; NBER Monetary Economics Meeting, Cambridge MA; Econometric Society, College Park MD; Society for Economic Dynamics, Stockholm; European Central Bank, Frankfurt; University of Virginia, Charlottesville.

2000: Stanford–San Francisco Fed Conference on Monetary Economics, San Francisco; Western Economic Association, Vancouver; Econometric Society World Congress, Seattle.

1999: Federal Reserve System Conference, Cleveland; University of Maryland, College Park.

1998: Federal Reserve Board, Washington DC; Federal Reserve Bank of Kansas City.

Conference Discussions

Discussant for:

Gagnon, Joseph, Matthew Raskin, Julie Remache, and Brian Sack, "Large-Scale Asset Purchases by the Federal Reserve: Did They Work?" American Economic Association Meetings, Denver (1/11)

Simon Gilchrist and Egon Zakrajšek, "Credit Risk and the Macroeconomy," Conference on Financial Shocks and the Real Economy, University of California, Davis (5/10)

Nicholas Bloom, Max Floetotto, and Nir Jaimovich, "Really Uncertain Business Cycles," Conference on Inequality in a Time of Contraction, Stanford Institute for Economic Policy Research, Stanford University (11/09)

Michael Fleming and Monika Piazzesi, "Monetary Policy Tick by Tick;" Maria Athanasopoulou, Claus Brand, and Rasmus Pilegaard, "Does Real-Time Macroeconomic Information Affect the Yield Curve?" and Hiona Balfoussia, "An Affine Factor Model of the Greek Term Structure;" Conference on the Analysis of the Money Market, European Central Bank, Frankfurt (11/07)

Lars Svensson and Noah Williams, "Bayesian and Adaptive Optimal Policy under Model Uncertainty," Oslo Conference on Monetary Policy and Uncertainty, University of Oslo (6/06)

Michael Fleming and Monika Piazzesi, "Monetary Policy Tick by Tick," Conference on Fixed Income Markets, Bank of Canada, Ottawa (5/06)

Keith Küster and Volker Wieland, "Insurance Policies for Monetary Policy in the Euro Area," American Economic Association Meetings, Boston (1/06)

Fabio Milani, "Expectations, Learning, and Macroeconomic Persistence," Conference on DSGE Models and Macroeconomic Forecasting, Federal Reserve Bank of Cleveland (10/05)

Evan Anderson, Lars Hansen, and Thomas Sargent, "A Quartet of Semigroups for Model Specification, Robustness, Prices of Risk, and Model Detection," Conference on Robust Control, Federal Reserve Bank of Cleveland (4/03)

Marc Giannoni, "Robust Optimal Monetary Policy in a Forward-Looking Model with Parameter and Shock Uncertainty," Federal Reserve System Conference, Philadelphia (6/01)

In-Koo Cho, Noah Williams, and Thomas Sargent, "Escaping Nash Inflation," Conference on Learning and Model Misspecification, Federal Reserve Bank of Cleveland (2/01)

Michael Kiley, "Stock Prices and Fundamentals in a Production Economy," Western Economic Association Meetings, Vancouver (7/00)

Steven Brown and Mine Yucel, "Oil Prices and Aggregate Economic Behavior: Evidence from Eight OECD Countries," Western Economic Association Meetings, Vancouver (7/00)

Glenn Rudebusch, "Assessing Nominal Income Rules for Monetary Policy with Model and Data Uncertainty," Federal Reserve System Conference, Denver (5/00)

Professional Service

Referee for:

American Economic Journals: Macroeconomics; American Economic Review; Bank of England; Berkeley Electronic Journals in Macroeconomics; Canadian Journal of Economics; Economic Journal; European Central Bank; European Economic Review; International Economic Review; International Journal of Central Banking; Journal of Applied Econometrics; Journal of Business and Economic Statistics; Journal of Econometrics; Journal of Economic Dynamics and Control; Journal of Economic Literature; Journal of the European Economic Association; Journal of International Economics; Journal of International Money and Finance; Journal of Monetary Economics; Journal of Money, Credit, and Banking; Journal of Political Economy; Quarterly Journal of Economics; Review of Economic Dynamics; Review of Economic Studies; Review of Economics and Statistics; Swiss National Bank.

References

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Personal

Citizenship: US
Marital Status: Married
Children: Andrew (9 years), Julia (7½ years)