

## COURSE OUTLINE AND READING LIST

### 1. FISCAL/MONETARY INTERACTIONS: FLEXPRICE MODELS

"A Simple Model..." (Sims, 1994)  
"Paper Money", (Sims, 2013) (the OG model, first)  
Active and passive money (Leeper, 1991)  
"Fluctuating Macro Policies and the Fiscal Theory", (Davig and Leeper, 2006)  
"Inflation and the Fiscal Limit", (Davig, Leeper, and Walker, 2011)  
"Stepping on a Rake", (Sims, 2008b)  
Central bank balance sheets (Sims and D, 2013)

### 2. OPTIMAL FISCAL POLICY WITH DISTORTIONARY TAXES

"Fiscal Consequences for Mexico..." (Sims, 2001)  
Contingent government debt in general equilibrium (Lucas and Stokey, 1983)  
What if prices are sticky? (Schmitt-Grohé and Uribe, 2004), (Sims, 2013) (the model with distortionary taxes)

### 3. ECONOMETRIC HISTORY: 2007-PRESENT

Negro, Giannoni, and Schorfheide (2013)  
Stock and Watson (2012)  
Bernanke, Gertler, and Gilchrist (1999)  
Hubrich and Tetlow (2014)

### 4. RATIONAL INATTENTION

"Rational Inattention and Monetary Economics", (Sims, 2010)  
"Discrete actions in information-constrained tracking problems", (Matějka and Sims, 2009)  
"Optimal Sticky Prices under Rational Inattention", (Maćkowiak and Wiederholt, 2009)  
"Rationally Inattentive Seller: Sales and Discrete Pricing", (Matějka, 2008)  
"Rigid Pricing and Rationally Inattentive Consumer", (Matějka, 2009)

For now, read these two for what they tell us about data, not necessarily the modeling.

"Reference Prices and Nominal Rigidities", (Eichenbaum, Jaimovich, and Rebelo, 2008)  
"Menu Costs, Multi-Product Firms, and Aggregate Fluctuations", (Midrigan, 2010)

If you want further background on information theory:

*Elements of Information Theory*, (Cover and Thomas, 1991)  
*Information Theory, Inference, and Learning Algorithms*, (MacKay, 2003)

#### 5. NON-NEUTRALITY OF PRICE LEVEL CHANGES

paper on the Phillips curve and monetary policy, (Sims, 2009)  
 “Modeling Inflation After the Crisis”, (Stock and Watson, 2010)  
 Two articles by Sbordone on the empirical New Keynesian Phillips Curve:  
 (Sbordone, 2002), (Sbordone, 2003)  
 Gertler, Sala, and Trigari on unemployment with search in a DSGE, (Gertler,  
 Sala, and Trigari, 2006), (Gertler and Trigari, 2006)

#### 6. BUBBLES

“Bubbles, Rational Expectations, and Financial Markets”, (Blanchard and Watson, 1982)  
 “Monetary Policy and Asset Price Volatility” (Bernanke and Gertler, 1999)  
 “Speculative investor behavior in a stock market with heterogeneous expectations” (Harrison and Kreps, 1978)  
 “Inflation Expectations, Uncertainty and Monetary Policy” (Sims, 2008a)  
 “Money Illusion and Housing Frenzies” (Brunnermeier and Julliard, 2008)  
 “Heterogeneous Beliefs, Speculation and Trading in Financial Markets” (Scheinkman and Xiong, 2004)  
 “Lending Booms: Latin America and the World” (Gourinchas, Valdes, and Landerretche, 2001)  
 “Bubbles and Crashes” (Abreu and Brunnermeier, 2003)  
 “Bubbly Liquidity” (Farhi and Tirole, 2010)

#### REFERENCES

- ABREU, D., AND M. BRUNNERMEIER (2003): “Bubbles and Crashes,” *Econometrica*, 71(1), 173–204.
- BERNANKE, B., AND M. GERTLER (1999): “Monetary Policy and Asset Volatility,” *Federal Reserve Bank of Kansas City Economic Review*, 84(4), 17–52.
- BERNANKE, B. S., M. GERTLER, AND S. GILCHRIST (1999): “The Financial Accelerator in a Quantitative Business Cycle Framework,” in *Handbook of Macroeconomics*, ed. by J. B. Taylor, and M. Woodford, vol. 1C, chap. 21, pp. 1341–1396. North-Holland.
- BLANCHARD, O., AND M. WATSON (1982): “Bubbles, Rational Expectations, and Financial Markets,” in *Crisis in the Economic and Financial Structure: Bubbles, Bursts, and Shocks*, ed. by P. Wachtel. Lexington Books, <http://www.nber.org/papers/w0945>.
- BRUNNERMEIER, M., AND C. JULLIARD (2008): “Money Illusion and Housing Frenzies,” *Review of Financial Studies*, 21(1), 135–180.

- COVER, T. M., AND J. A. THOMAS (1991): *Elements of Information Theory*. Wiley-Interscience.
- DAVIG, T., AND E. M. LEEPER (2006): "Fluctuating Macro Policies and the Fiscal Theory," *NBER Macroeconomics Annual*, pp. 247–298.
- DAVIG, T., E. M. LEEPER, AND T. B. WALKER (2011): "Inflation and the Fiscal Limit," *European Economic Review*, 55, 31–47.
- EICHENBAUM, M., N. JAIMOVICH, AND S. REBELO (2008): "Reference Prices and Nominal Rigidities," Discussion paper, Northwestern University and Stanford University, NBER Working paper 13829.
- FARHI, E., AND J. TIROLE (2010): "Bubbly Liquidity," Discussion paper, Harvard University and Toulouse School of Economics, [http://www.economics.harvard.edu/faculty/farhi/files/bubbles\\_liquidity.pdf](http://www.economics.harvard.edu/faculty/farhi/files/bubbles_liquidity.pdf).
- GERTLER, M., L. SALA, AND A. TRIGARI (2006): "An Estimated Monetary DSGE Model with Unemployment and Staggered Nominal Wage Bargaining," Discussion paper, New York University, <http://www.econ.nyu.edu/usr/gertlerm/papers>.
- GERTLER, M., AND A. TRIGARI (2006): "Unemployment Fluctuations with Staggered Nash Wage Bargaining," Discussion paper, New York University.
- GOURINCHAS, P.-O., R. VALDES, AND O. LANDERRETICHE (2001): "Lending Booms: Latin America and the World," Working Paper 8249, National Bureau of Economic Research, <http://www.nber.org/papers/w8249>.
- HARRISON, J. M., AND D. M. KREPS (1978): "Speculative investor behavior in a stock market with heterogeneous expectations," *Quarterly Journal of Economics*, 92(2), 323–336.
- HUBRICH, K., AND R. J. TETLOW (2014): "Financial stress and economic dynamics: the transmission of crises kirstin hubrich and robert j. tetlow," Working Paper 1728, European Central Bank.
- LEEPER, E. M. (1991): "Equilibria Under 'Active' and 'Passive' Monetary And Fiscal Policies," *Journal of Monetary Economics*, 27, 129–47.
- LUCAS, R. E. J., AND N. STOKEY (1983): "Optimal Fiscal and Monetary Policy in an Economy without Capital," *Journal of Monetary Economics*, 12(1), 55–93.
- MACKAY, D. J. C. (2003): *Information Theory, Inference, and Learning Algorithms*. Cambridge University Press.
- MAĆKOWIAK, B., AND M. WIEDERHOLT (2009): "Optimal Sticky Prices under Rational Inattention," *American Economic Review*, 99(3), 769–803.
- MATĚJKA, F. (2008): "Rationally Inattentive Seller: Sales and Discrete Pricing," Discussion paper, PACM, Princeton University, [http://www.pacm.princeton.edu/publications/Matejka\\_F\\_2008-wp.pdf](http://www.pacm.princeton.edu/publications/Matejka_F_2008-wp.pdf).
- (2009): "Rigid Pricing and Rationally Inattentive Consumer," Discussion paper, Princeton University.
- MATĚJKA, F., AND C. SIMS (2009): "Discrete actions in information-constrained tracking problems," Discussion paper, Princeton University.

- MIDRIGAN, V. (2010): "Menu Costs, Multi-Product Firms, and Aggregate Fluctuations," Discussion paper, New York University, [http://homepages.nyu.edu/~vm50/Paper\\_Mar2010.pdf](http://homepages.nyu.edu/~vm50/Paper_Mar2010.pdf).
- NEGRO, M. D., M. P. GIANNONI, AND F. SCHORFHEIDE (2013): "Inflation in the Great Recession and New Keynesian Models," Discussion paper, University of Pennsylvania.
- SBORDONE, A. (2003): "U.S. Wage and Price Dynamics: A Limited-Information Approach," *International Journal of Central Banking*, 2(3), 155–189.
- SBORDONE, A. M. (2002): "Prices and Unit Labor Costs: A New Test of Price Stickiness," *Journal of Monetary Economics*, 49(2), 265–292, <http://www.sciencedirect.com/science/article/B6VBW-44VX2C9-1/2/6acd1a4c1348d7945dffaba81aa86c80>, author="ArgiaM.Sbordone, <ftp://snde.rutgers.edu/Rutgers/wp/2001-12.pdf>.
- SCHEINKMAN, J., AND W. XIONG (2004): *Heterogeneous Beliefs, Speculation and Trading in Financial Markets*, Lecture Notes in Mathematics 1847. Springer-Verlag, <http://www.princeton.edu/~joses/wp/survey.pdf>.
- SCHMITT-GROHÉ, S., AND M. URIBE (2004): "Optimal fiscal and monetary policy under sticky prices," *Journal of Economic Theory*, 114, 198–230.
- SIMS, C. (2009): "Inflation Expectations, Uncertainty, the Phillips Curve, and Monetary Policy," in *Understanding Inflation and the Implications for Monetary Policy: A Phillips Curve Retrospective*, ed. by J. Fuhrer, J. S. Little, Y. K. Kodrzycki, and G. P. Olivei. MIT Press, <http://sims.princeton.edu/yftp/CapeCod2008>, Presented at the June, 2008 Boston Federal Reserve Bank monetary policy conference.
- SIMS, C. A. (1994): "A Simple Model for Study of the Determination of the Price Level and the Interaction of Monetary and Fiscal Policy," *Economic Theory*, 4, 381–99.
- (2001): "Fiscal Consequences for Mexico of Adopting the Dollar," *Journal of Money, Credit, and Banking*, 33(2,part2), 597–616.
- (2008a): "Inflation Expectations, Uncertainty, and Monetary Policy," Discussion paper, Princeton University, <http://sims.princeton.edu/yftp/BIS608>.
- (2008b): "Stepping on a Rake: The Role of Fiscal Policy in the Inflation of the 1970's," Discussion paper, Princeton University.
- (2010): "Rational Inattention and Monetary Economics," in *Handbook of Monetary Economics*. Elsevier, <http://sims.princeton.edu/yftp/RIMP>.
- (2013): "Paper Money," *American Economic Review*, 103(2), 563–84.
- SIMS, C. A., AND M. D (2013): "When Does a Central Bank's Balance Sheet Require Fiscal Support?," Discussion paper, Federal Reserve Bank of New York and Princeton University.
- STOCK, J., AND M. WATSON (2010): "Modeling Inflation After the Crisis," in *Macroeconomic Challenges: The Decade Ahead*, Federal Reserve Bank of Kansas City Macroeconomic Policy Symposium (Jackson Hole Conference), <http://www.kansascityfed.org/publicat/sympos/2010/stock-watson.pdf>.

STOCK, J., AND M. W. WATSON (2012): "Disentangling the Channels of the 2007-2009 Recession," *Brookings Papers on Economic Activity*, (Spring).