

Macroeconomía Dinámica

Profesor: Francisco J. Ciocchini (fjc120@gmail.com)

Clases: Jueves, de 17:00 a 21:00 hs.

Temario

1. Introducción: Modelos Dinámicos con Dos Períodos.
2. Programación Dinámica.
3. Modelo Neoclásico de Crecimiento (NGM).
4. Modelo de Ciclos Reales (RBC).
5. Solución Numérica de Modelos Estocásticos Dinámicos de Equilibrio General (DSGE).
Aplicación: Gasto Público en Modelos RBC.
6. Modelos Dinámicos con Dinero y Precios Flexibles.
7. Rigideces Nominales: El Modelo Neokeynesiano Básico (NKM)
8. Fallas de Coordinación. Modelos de Búsqueda y “Matching” en el Mercado de Trabajo.
Políticas Óptimas à la Ramsey. (*)

(*) Si el tiempo lo permite

Evaluación

Trabajos Prácticos (30%).

Examen final (70%).

Bibliografía obligatoria

Notas de clase.

Las lecturas adicionales serán indicadas en clase.

Software

Matlab

Referencias Bibliográficas

1. Modelos Dinámicos con Dos Períodos.

Barro, Robert. *Macroeconomics*, 5th Edition, MIT Press, 1997.

Doepke, M., Lehnert, A. & Sellgren, A. *Macroeconomics*, mimeo, 1999.
<http://faculty.wcas.northwestern.edu/~mdo738/textbook/main.pdf>

Garín, J., Lester, R. & Sims, E. *Intermediate Macroeconomics*, mimeo, 2017.
http://www3.nd.edu/~esims1/gls_int_macro.pdf

Williamson, Stephen D., *Macroeconomics*, 5th Edition, Prentice Hall, 2013.

2. Programación Dinámica

Acemoglu, Daron (2009). *Introduction to Modern Economic Growth*, Princeton University Press. Chapters 6 and 16.

Heer, B. and Maußner, A. (2009). *Dynamic General Equilibrium Modeling. Computational Methods and Applications*, Second Edition, Springer. Chapter 1.

Karatzas, I. and Sudderth, W. (2008). “Two Characterizations of Optimality in Dynamic Programming,” mimeo, Columbia University. <http://www.math.columbia.edu/~ik/preprints.html>

King, Ian (2002). “A Simple Introduction to Dynamic Programming in Macroeconomic Models,” mimeo, University of Auckland.

Ljungqvist, L. and Sargent, T. (2012). *Recursive Macroeconomic Theory*, 3rd Edition, MIT Press. Chapters 3, 4 and 5.

McCandless, George (2008). *The ABCs of RBCs. An Introduction to Dynamic Macroeconomic Models*, Harvard University Press. Chapters 4 and 5.

Mitra, Tapan (2000). “Introduction to Dynamic Optimization Theory,” Chapter 2 in *Optimization and Chaos*, edited by Majumdar, M., Mitra, T., and Nishimura, K., Springer Verlag.

Sargent, Thomas (1987). *Dynamic Macroeconomic Theory*, Harvard University Press. Chapter 1.

Stokey, N. and Lucas, R., with Prescott, E. (1989). *Recursive Methods in Economic Dynamics*, Harvard University Press.

3. Modelo Neoclásico de Crecimiento

Brock, William A. and Mirman, Leonard J. (1972). “Optimal Economic Growth and Uncertainty: The Discounted Case,” *Journal of Economic Theory*, Vol. 4, No. 3 (June), pp. 479-513.

Heer, B. and Maußner, A. (2009). *Dynamic General Equilibrium Modeling. Computational Methods and Applications*, Second Edition, Springer. Chapter 1.

Krueger, Dirk (2002). *Macroeconomic Theory*, mimeo, Stanford University. Chapter 3.

Manuelli, Rodolfo (2007). *Notes on Discrete Time Economic Models: The Growth Model*, mimeo, University of Wisconsin, Madison.

McCandless, George (2008). *The ABCs of RBCs. An Introduction to Dynamic Macroeconomic Models*, Harvard University Press. Chapters 1, 3, 4 & 5.

Sargent, Thomas (1987). *Dynamic Macroeconomic Theory*, Harvard University Press, Chapter 1.

Stokey, N. and Lucas, R., with Prescott, E. (1989). *Recursive Methods in Economic Dynamics*, Harvard University Press, Chapter 2.

4. Modelos de Ciclos Reales (RBC)

Campbell, J. (1994). "Inspecting the Mechanism: An Analytical Approach to the Stochastic Growth Model," *Journal of Monetary Economics*, Vol. 33, No. 3 (June), pp. 463-506. Also available as NBER Working Paper 4188.

Cooley, Thomas (ed.) (1995). *Frontiers of Business Cycle Research*, Princeton University Press.

Farmer, Roger (1999). *Macroeconomics of Self-fulfilling Prophecies*, 2nd Edition, MIT Press. Chapter 5.

Feal Zubimendi, S., Rojas, M. y Zilio, M. I. (2009). "Hechos Estilizados para la Economía Argentina," *Ensayos Económicos* N° 56 (Octubre-Diciembre), Banco Central de la República Argentina.

Greenwood, J., Hercowitz, Z., and Huffman, G. (1988). "Investment, Capacity Utilization and the Real Business Cycle," *American Economic Review*, Vol. 78, No. 3 (June), pp. 402-17.

Hansen, Gary (1985). "Indivisible Labor and the Business Cycle," *Journal of Monetary Economics*, Vol. 16, No. 3 (November), pp. 309-327.

Heer, B. and Maußner, A. (2009). *Dynamic General Equilibrium Modeling. Computational Methods and Applications*, Second Edition, Springer. Chapter 1.

King, R., Plosser, Ch., and Rebelo, S. (1988). "Production, Growth and Business Cycles I: The Basic Neoclassical Model," *Journal of Monetary Economics*, Vol. 21, Issues 2-3 (March-May), pp. 195-232.

King, R., Plosser, Ch., and Rebelo, S. (1988). "Production, Growth and Business Cycles II: New Directions," *Journal of Monetary Economics*, Vol. 21, Issues 2-3 (March-May), pp. 309-341.

King, R. and Rebelo, S. (1999). "Resuscitating Real Business Cycles," Chapter 14 in Taylor, J. and Woodford, M. (eds.), *Handbook of Macroeconomics*, Vol. 1, Part B, pp. 927-1007, Amsterdam: North Holland. Also available as NBER Working Paper 7534.

Kydland, F. and Prescott, E. (1982). "Time to Build and Aggregate Fluctuations," *Econometrica*, Vol. 50, No. 6 (November), pp. 1345-1370.

Kydland, F. and Prescott, E. (1990). "Business Cycles: Real Facts and a Monetary Myth," *Quarterly Review*, Federal Reserve Bank of Minneapolis, Vol. 14, No. 2 (Spring), pp. 3-18.

Kydland, F. and Zarazaga, C. (1997). "Is the Business Cycle of Argentina Different?" *Economic Review*, Federal Reserve Bank of Dallas, Fourth Quarter.

- Kydland, F. and Zarazaga, C. (2002). "Argentina's Lost Decade," *Review of Economic Dynamics*, Vol. 2, No. 1 (January), pp. 152-165.
- Kydland, F. and Zarazaga, C. (2003). "Argentina's Lost Decade and Subsequent Recovery: Hits and Misses of the Neoclassical Growth Model," Center for Latin America Working Papers 0403, Federal Reserve Bank of Dallas.
- Long, J. and Plosser, C. (1983). "Real Business Cycles," *Journal of Political Economy*, Vol. 91, No. 1 (February), pp. 39-69.
- Lucas, Robert (1989). *Models of Business Cycles*, Yrjo Jahnsson Lectures, Blackwell Publishers.
- Mankiw, Gregory (1989). "Real Business Cycles: A New Keynesian Perspective," *Journal of Economic Perspectives*, Vol. 3, No. 3 (Summer), pp. 79-90.
- Manuelli, Rodolfo (1986). "Modern Business Cycle Analysis: A Guide to the Prescott-Summers Debate," *Quarterly Review*, Federal Reserve Bank of Minneapolis, Vol. 10, No. 4 (Fall), pp. 3-8.
- McCallum, Bennett (1989). "Real Business Cycle Models," in Barro, Robert (ed.), *Modern Business Cycle Theory*, pp. 16-50, Harvard University Press. Also available as NBER Working Paper 2480.
- McCandless, George (2008). *The ABCs of RBCs: An Introduction to Dynamic Macroeconomic Models*, Harvard University Press. Chapters 6 & 7.
- Plosser, Charles (1989). "Understanding Real Business Cycles," *Journal of Economic Perspectives*, Vol. 3, No. 3 (Summer), pp. 51-77.
- Prescott, Edward (1986a). "Theory Ahead of Business Cycle Measurement," *Quarterly Review*, Federal Reserve Bank of Minneapolis, Vol. 10, No. 4 (Fall), pp. 9-22.
- Prescott, Edward (1986b). "Response to a Skeptic," *Quarterly Review*, Federal Reserve Bank of Minneapolis, Vol. 10, No. 4 (Fall), pp. 28-33.
- Rogerson, Richard (1988). "Indivisible Labor, Lotteries and Equilibrium," *Journal of Monetary Economics*, Vol. 21, No. 1 (January), pp. 3-16.
- Romer, David (2012). *Advanced Macroeconomics*, 4th Edition, McGraw-Hill. Chapter 5.
- Schmitt-Grohé, S. and Uribe, M. (2011a). "Introduction to the Special Issue on the Sources of Business Cycles," *Review of Economic Dynamics*, Vol. 14, No. 1 (January), pp. 1-2.
- Schmitt-Grohé, S. and Uribe, M. (2011b). "Business Cycles with a Common Trend in Neutral and Investment-Specific Productivity," *Review of Economic Dynamics*, Vol. 14, No. 1 (January), pp. 122-135.
- Stockman, Alan (1988). "Real Business Cycle Theory: A Guide, an Evaluation, and New Directions," Federal Reserve Bank of Cleveland, *Economic Review*, Vol. 24, No. 4 (Quarter 4), pp. 24-47.
- Summers, Lawrence (1986). "Some Skeptical Observations on Real Business Cycle Theory," *Quarterly Review*, Federal Reserve Bank of Minneapolis, Vol. 10, No. 4 (Fall), pp. 23-27.

5. Gasto Público y Ciclos Económicos. Solución Numérica de Modelos Dinámicos y Estocásticos

Angeletos, G-M. and Panousi, V. (2009), "Revisiting the Supply-Side Effects of Government Spending under Incomplete Markets," *Journal of Monetary Economics*, Vol. 56, No. 2 (March), pp. 137-153.

Aiyagari, S. R., Christiano, L. and Eichenbaum, M. (1992). "The Output, Employment, and Interest Rate Effects of Government Consumption," *Journal of Monetary Economics*, Vol. 30, No. 1 (October), pp. 73-86.

Baxter, M. & King, R. (1993). "Fiscal Policy in General Equilibrium," *American Economic Review*, Vol. 83, No. 3 (June), pp. 315-334.

Cavallo, Michele (2005). "Government Employment Expenditure and the Effects of Fiscal Policy Shocks," Federal Reserve Bank of San Francisco *Working Paper Series*, WP 2005-16 (September).

Cavallo, Michele (2007). "Government Consumption Expenditures and the Current Account," *Public Finance and Management*, Vol. 7, No. 1 (January).

Christiano, L. and Eichenbaum, M. (1992). "Current Real-Business-Cycle Theories and Aggregate Labor-Market Fluctuations," *American Economic Review*, Vol. 82, No. 3 (June), pp. 430-450.

Finn, Mary (1998). "Cyclical Effects of Government's Employment and Goods Purchases," *International Economic Review*, Vol. 39, No. 3 (August), pp. 635-657.

Hansen, G. and Wright, R. (1992). "The Labor Market in Real Business Cycle Theory," Federal Reserve Bank of Minneapolis *Quarterly Review*, Vol. 16, No. 2 (Spring), pp. 2-12.

Heathcote, Jonathan (2005). "Fiscal Policy with Heterogeneous Agents and Incomplete Markets," *Review of Economic Studies*, Vol. 72, No. 1 (January), pp. 161-188.

McCandless, George (2008). *The ABCs of RBCs. An Introduction to Dynamic Macroeconomic Models*, Harvard University Press. Chapters 6 & 7.

Romer, David (2012). *Advanced Macroeconomics*, 4th Edition, McGraw-Hill. Chapter 5.

Uhlig, Harald (1999). "A Toolkit for Analysing Nonlinear Dynamic Stochastic Models Easily," in Ramón Marimon and Andrew Scott (eds.), *Computational Methods for the Study of Dynamic Economies*, Oxford: Oxford University Press, pp. 30-61.

6. Dinero en la Función de Utilidad. Modelos con restricciones de "Cash in Advance"

Cooley, T. and Hansen, G. (1989). "The Inflation Tax in a Real Business Cycle Model," *American Economic Review*, Vol. 79, No. 4 (September), pp. 733-748.

Farmer, Roger (1997). "Money in a Real Business Cycle Model," *Journal of Money, Credit and Banking*, Vol. 29, No. 4 (November), pp. 568-611.

Farmer, Roger (1999). *The Macroeconomics of Self-Fulfilling Prophecies*, 2nd Edition, MIT Press. Chapters 11 and 12.

Lucas, R. and Stokey, N. (1987). "Money and Interest in a Cash-in-Advance Economy," *Econometrica*, Vol. 55, No. 3 (May), pp. 491-513.

McCandless, George (2008). *The ABCs of RBCs. An Introduction to Dynamic Macroeconomic Models*, Harvard University Press. Chapters 8 & 9.

Plosser, Charles (1990). "Money and Business Cycles: A Real Business Cycle Interpretation," in Belongia, M. (ed.), *Monetary Policy on the 75th Anniversary of the Federal Reserve System*, pp. 245-274, Norwell, MA: Kluwer Academic Publishers. Also available as NBER Working Paper 3221.

Sargent, T. (1987). *Dynamic Macroeconomic Theory*, Harvard University Press. Part II.

Walsh, Carl (2010). *Monetary Theory and Policy*, 3rd Edition, MIT Press. Chapters 2 & 3.

7. Rigideces Nominales. Modelo Nekeynesiano Básico

Bénassy, Jean-Pascal (2007). *Money, Interest, and Policy. Dynamic General Equilibrium in a Non-Ricardian World*, MIT Press.

Blanchard, O. and Fischer, S. (1989). *Lectures on Macroeconomics*, MIT Press. Chapter 8.

Blanchard, O. and Kiyotaki, N. (1987). "Monopolistic Competition and the Effects of Aggregate Demand," *American Economic Review*, Vol. 87, No. 4 (September), pp. 647-666.

Calvo, Guillermo (1983). "Staggered Prices in a Utility-Maximizing Framework," *Journal of Monetary Economics*, Vol. 12, No. 3 (September), pp. 383-398.

Galí, Jordi (2008). *Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework*, Princeton University Press.

Goodfriend, M. and King, R. (1997). "The New Neoclassical Synthesis and the Role of Monetary Policy," in Bernake, B. and Rotemberg, J. (eds.), *NBER Macroeconomics Annual 1997*, Cambridge, MA.: MIT Press, pp. 231-282.

King, Robert (2000). "The New IS-LM Model: Language, Logic, and Limits," Federal Reserve Bank of Richmond *Economic Quarterly*, Vol. 86, No. 3 (Summer), pp. 45-103.

McCandless, George (2008). *The ABCs of RBCs. An Introduction to Dynamic Macroeconomic Models*, Harvard University Press. Chapters 10 & 11.

Obstfeld, M. and Rogoff, K. (1996). *Foundations of International Macroeconomics*, MIT Press. Chapter 10.

Romer, David (2012). *Advanced Macroeconomics*, 4th Edition, McGraw-Hill. Chapter 7.

Rotemberg, Julio (1982). "Monopolistic Price Adjustment and Aggregate Output," *Review of Economic Studies*, Vol. 49, No. 4 (October), pp. 517-531.

Walsh, Carl (2010). *Monetary Theory and Policy*, 3rd Edition, MIT Press. Chapters 1, 6 and 8.

Woodford, Michael (2003). *Interest and Prices: Foundations of a Theory of Monetary Policy*, Princeton University Press.

7. Fallas de Coordinación

Ball, L. and Romer, D. (1991). "Sticky Prices as Coordination Failure," *American Economic Review*, Vol. 81, No. 3 (June), pp. 539-552.

Bryant, John (1983). "A Simple Rational Expectations Keynes-Type Model," *Quarterly Journal of Economics*, Vol. 98, No. 3 (August), pp. 525-528.

Cooper, R. and John, A. (1988). "Coordinating Coordination Failures in Keynesian Models," *Quarterly Journal of Economics*, Vol. 103, No. 3 (August), pp. 441-463.

Cooper, Russell (1999). *Coordination Games*, Cambridge University Press.

Diamond, Peter (1982). "Aggregate Demand Management in Search Equilibrium," *Journal of Political Economy*, Vol. 90, No. 5 (October), pp. 881-894.

Howitt, P. and McAfee, P. (1992). "Animal Spirits," *American Economic Review*, Vol. 82, No. 3 (June), pp. 493-507.

Weil, Philippe (1989). "Increasing Returns and Animal Spirits," *American Economic Review*, Vol. 79, No. 4 (September), pp. 889-894.

8. Mercado de Trabajo: Modelos de Búsqueda y "Matching"

Andolfatto, David (1996). "Business Cycles and Labor-Market Search," *American Economic Review*, Vol. 86, No. 1 (March), pp. 112-132.

Davis, S., Haltiwanger, J. and Schuh, S. (1998). *Job Creation and Destruction*, MIT Press.

Hall, Robert (1999). "Labor-Market Frictions and Employment Fluctuations," Chapter 17 in Taylor, J. and Woodford, M. (eds), *Handbook of Macroeconomics*, Vol. 1, Part B, pp. 1137-1170, Amsterdam: North Holland.

Lucas, Robert (1987). *Models of Business Cycles*, Yrjö Jahnsson Lectures, Basil Blackwell. Chapter 5.

Ljungqvist, L. and Sargent, T. (2012). *Recursive Macroeconomic Theory*, 3rd Edition, MIT Press. Chapter 6.

McCall, J (1970). "Economics of Information and Job Search," *Quarterly Journal of Economics*, Vol. 84, No.1 (February), pp. 113-126.

Mortensen, Dale (1986). "Job Search and Labor Market Analysis," Chapter 15 in Ashenfelter, O. and Layard, R. (eds), *Handbook of Labor Economics*, Vol. 2, Elsevier Science Publishers.

Mortensen, D. and Pissarides, Ch. (1994). "Job Creation and Destruction in the Theory of Unemployment," *Review of Economic Studies*, Vol. 61, No. 3 (July), pp. 397-415.

Mortensen, D. and Pissarides, Ch. (1999a). "Job Reallocation, Employment Fluctuations and Unemployment," Chapter 18 in Taylor, J. and Woodford, M. (eds), *Handbook of Macroeconomics*, Vol. 1, Part B, pp. 1171-1228, Amsterdam: North Holland.

Mortensen, D. and Pissarides, Ch. (1999b). "New Developments in Models of Search in the Labor Market," Chapter 39 in Ashenfelter, O. and Card, D. (eds), *Handbook of Labor Economics*, Vol. 3, Elsevier Science Publishers.

Petrongolo, B. and Pissarides, Ch. (2001). "Looking into the Black Box: A Survey of the Matching Function," *Journal of Economic Literature*, Vol. 39, No. 2 (June), pp. 390-431.

Pissarides, Christopher (1985). "Short-Run Equilibrium Dynamics of Unemployment, Vacancies, and Real Wages," *American Economic Review*, Vol. 75, No. 4 (September), pp. 676-690.

Pissarides, Christopher (2000). *Equilibrium Unemployment Theory*, 2nd Edition, MIT Press.

Rogerson, R., Shimer, R. and Wright, R. (2005). "Search-Theoretic Models of the Labor Market: A Survey," *Journal of Economic Literature*, Vol. 43, No. 4 (December), pp. 959-988.

Romer, David (2012). *Advanced Macroeconomics*, 4th edition, McGraw-Hill. Chapter 10.

Shimer, Robert (2005). "The Cyclical Behavior of Equilibrium Unemployment and Vacancies," *American Economic Review*, Vol. 95, No. 1 (March), pp. 25-49.

Shimer, Robert (2010). *Labor Markets and Business Cycles*, Princeton University Press.

9. Equivalencia Ricardiana, "Tax Smoothing" (à la Barro) y Políticas Óptimas (à la Ramsey)

Aiyagari, R., Marcet, A., Sargent, T., and Seppälä, J. (2002). "Optimal Taxation without State-Contingent Debt," *Journal of Political Economy*, Vol. 110, No. 6 (December), pp. 1220-1254.

Atkeson, A., Chari, V., and Kehoe, P. (1999). "Taxing Capital Income: A Bad Idea," Federal Reserve Bank of Minneapolis *Quarterly Review*, Vol. 23, No. 3 (Summer), pp. 3-17.

Atkinson, A., and Stiglitz, J. (1980). *Lectures on Public Economics*, London: McGraw-Hill.

Barro, Robert (1974). "Are Government Bonds Net Wealth?," *Journal of Political Economy*, Vol. 82, No. 6 (November/December), pp. 1095-1117.

Barro, Robert (1979). "On the Determination of the Public Debt," *Journal of Political Economy*, Vol. 87, No. 5, Part 1 (October), pp. 940-971.

Barro, Robert (1989). "The Ricardian Approach to Budget Deficits," *Journal of Economic Perspectives*. Vol. 3, No. 2 (Spring), pp. 37-54.

Bassetto, M. and Kocherlakota, N. (2004). "On the Irrelevance of Government Debt When Taxes are Distortionary," *Journal of Monetary Economics*, Vol. 51 No. 2 (March), pp. 299-304.

Benhabib, J. and Rustichini, A. (1997). "Optimal Taxes without Commitment," *Journal of Economic Theory*, Vol. 77, No. 2 (December), pp. 231-259.

Bohn, Henning (1990). "Tax Smoothing with Financial Instruments," *American Economic Review*, Vol. 80, No. 5 (December), pp. 1217-1230.

Bohn, Henning (1992). "Endogenous Government Spending and Ricardian Equivalence," *Economic Journal*, Vol. 102, No. 412 (May), pp. 588-597.

Chamley, Christophe (1986). "Optimal Taxation of Capital Income in General Equilibrium with Infinite Lives," *Econometrica*, Vol. 54, No. 3 (May), pp. 607-622.

- Chan, Louis Kuo Chi (1983). "Uncertainty and the Neutrality of Government Financing Policy," *Journal of Monetary Economics*, Vol. 11, No. 3, pp. 351-372.
- Chari, V., Christiano, L., and Kehoe, P. (1994). "Optimal Fiscal Policy in a Business Cycle Model," *Journal of Political Economy*, Vol. 102, No. 4 (August), pp. 617-652.
- Chari, V. and Kehoe, P., (1999). "Optimal Fiscal and Monetary Policy," Chapter 26 in J. B. Taylor and M. Woodford (eds), *Handbook of Macroeconomics*, Chapter 26, pp. 1671-1745, Elsevier. Also available as: Federal Reserve Bank of Minneapolis Research Department Staff Report 2151, July 1998. Section C2.
- Chari, V. V., Nicolini, J. P. & Teles, P. (2016). "More on the Optimal Taxation of Capital," mimeo.
- Golosov, M., Tsyvinski, A., and Werning, I. (2007). "New Dynamic Public Finance: A User's Guide," in Acemoglu, D., Rogoff, K., and Woodford, M. (eds), *NBER Macroeconomics Annual 2006*, Vol. 21, MIT Press, pp. 317-363.
- Judd, Kenneth (1985). "Redistributive Taxation in a Simple Perfect Foresight Model," *Journal of Public Economics*, Vol. 28, No. 1 (October), pp. 59-83.
- Judd, Kenneth (1999). "Optimal Taxation and Spending in General Competitive Growth Models," *Journal of Public Economics*, Vol. 71, No. 1 (January), pp. 1-26.
- Kimball, M. and Mankiw, N. G. (1989). "Precautionary Saving and the Timing of Taxes," *Journal of Political Economy*, Vol. 97, No.4 (August), pp. 863-879.
- Klein, P. and Ríos-Rull, J. V. (2003). "Time-Consistent Optimal Fiscal Policy," *International Economic Review*, Vol. 44, No. 4 (November), pp. 1217-1245.
- Kocherlakota, Narayana (2010). *The New Dynamic Public Finance*, Princeton University Press.
- Ljungqvist, L. and Sargent, T. (2012). *Recursive Macroeconomic Theory*, 3rd Edition, MIT Press. Chapters 10 and 16.
- Lucas, R. and Stokey, N. (1983). "Optimal Fiscal and Monetary Policy in an Economy without Capital," *Journal of Monetary Economics*, Vol. 12, No. 1 (July), pp. 55-93.
- Mankiw, N. G., Weinzierl, M. C. and Yagan, D. (2009), "Optimal Taxation in Theory and Practice," *Journal of Economic Perspectives*, Vol. 23, No. 4 (Fall), pp. 147-174.
- Mankiw, N. G. and Weinzierl, M. C. (2010). "The Optimal Taxation of Height: A Case Study of Utilitarian Income Redistribution," *American Economic Journal: Economic Policy*, Vol. 2, No. 1 (February), pp. 155-176.
- Mankiw, N. G. and Weinzierl, M. C. (2011). "An Exploration of Optimal Stabilization Policy," *Brookings Papers on Economic Activity*, Vol. 42, No. 1 (Spring), pp. 209-249. Also: NBER Working Paper 17029, May 2011.
- Mulligan, C. and Sala-i-Martin, X. (1997). "The Optimum Quantity of Money: Theory and Evidence," *Journal of Money, Credit, and Banking*, Vol. 29, No. 4 (November), Part 2, pp. 687-715. Also: NBER Working Paper 5954.
- Ohanian, Lee (1997). "The Macroeconomic Effects of War Finance in the United States: World War II and the Korean War," *American Economic Review*, Vol. 87, No. 1 (March), pp. 23-40.
- Romer, David (2012). *Advanced Macroeconomics*, 4th Edition, McGraw-Hill. Chapter 12.
- Straub, L. & Werning, I. (2015). "Positive Long Run Capital Taxation: Chamley-Judd Revisited," mimeo, MIT.