

January 6, 2010

Curriculum Vitae

NAME: Peter Wilkinson Howitt

Department of Economics
Brown University

DOCTORAL STUDIES: University: Northwestern
Thesis Title: Studies in the Theory of Monetary Dynamics
Date of PhD: June 1973

PREDOCTORAL STUDIES: M.A., 1969, Economics, University of Western Ontario
B.A., (Hons.), 1968, McGill University

ACADEMIC POSITIONS:

Assistant Professor, University of Western Ontario	1972-77
Associate Professor, University of Western Ontario	1977-81
Visiting Professor, Hebrew University	1980
Professor, University of Western Ontario	1981-96
Visiting Professor, Université Laval	1985
Visiting Professor, M.I.T.	1988
Visiting Professor, Université de Paris I	1989
Bank of Montreal Professor of Money and Finance, University of Western Ontario	1990-95
Visiting Professor, University of Toulouse	1995-96
University Chaired Professor, The Ohio State University Charles Pitts Robinson and John Palmer Barstow	1996-2000
Professor, Brown University	2000-2001
Professor of Economics, Brown University	2000-present
Lyn Crost Professor of Social Sciences, Brown University	2001-present

OTHER ACTIVITIES:

Associate Editor, <i>Canadian Journal of Economics</i>	July 1978 - July 1981
Member, Board of Editors, <i>American Economic Review</i>	July 1980 - July 1983
Member, Board of Editors, <i>Journal of Economic Literature</i>	Jan 1992 - Dec 2003
Fellow, The Royal Society of Canada	May 1992
President, Canadian Economics Association	1993 - 94
Associate, Canadian Institute for Advanced Research	June 1994 - June 2002
Fellow, Econometric Society	December 1994
Associate Editor, <i>Econometrica</i>	July 1995 - July 1998
Associate Editor, <i>Journal of Economic Growth</i>	March 1996 -
Editor, <i>Journal of Money, Credit, and Banking</i>	1997 - 2000
Associate Editor, <i>Macroeconomic Dynamics</i>	1997 - 2001
Member, Comité scientifique international, <i>L'Actualité économique</i>	April 1998 -
Member, CESifo, Center for Economic Studies, Munich	1999 -
Member, Editorial Board, <i>Journal of Macroeconomics</i>	2000 -
Research Associate, National Bureau of Economic Research	2001 -
Associate Member, Centre Interuniversitaire sur le Risque, les Politiques Économiques et l'Emploi	2003 -
International Fellow, C.D. Howe Institute, Toronto	2003 -
Associate Editor, <i>Journal of Money, Credit, and Banking</i>	2006 -
Doctor of Science, Honoris Causa, University of Guelph	2009

ARTICLES:

- [1] Howitt, P.W. "Walras and Monetary Theory." *Western Economics Journal* 11 (December 1973): 487-499.
- [2] Howitt, P.W. "Stability and the Quantity Theory." *Journal of Political Economy* 82 (Jan./Feb. 1974): 133-151.
- [3] Howitt, Peter. "Intertemporal Utility Maximization and the Timing of Transactions." *American Economic Review* 67 (March 1977): 156-165.
- [4] Clower, Robert W., and Peter W. Howitt. "The Transactions Theory of the Demand for Money: A Reconsideration." *Journal of Political Economy* 86 (June 1978): 449-466.
- [5] Howitt, Peter W. "The Limits to Stability of a Full-Employment Equilibrium." *Scandinavian Journal of Economics* 80 (September 1978): 265-282.
- [6] Howitt, P.W. "The Qualitative Effects of False Trading." In *Equilibrium and Disequilibrium in Economic Theory*, ed. G. Schwödiauer. Reidel, 1978, 453-62.

ARTICLES (cont'd):

- [7] Howitt, Peter. "Evaluating the Non-Market-Clearing Approach." *American Economic Review* (May 1979): 60-63.
- [8] Howitt, Peter W. "The Role of Speculation in Competitive Price Dynamics." *Review of Economic Studies*, 46 (October 1979): 613-629.
- [9] Howitt, Peter, and David Laidler. "Recent Canadian Monetary Policy: A Critique." In *Issues in Canadian Public Policy* (II), ed. Ronald G. Wirick and Douglas D. Purvis. Queen's University, 1979, 31-51.
- [10] Fried, Joel, and Peter Howitt. "Credit Rationing and Implicit Contract Theory." *Journal of Money, Credit, and Banking* 12 (August 1980): 471-487.
- [11] Howitt, Peter, and Don Patinkin. "Utility Function Transformations and Money Illusion: Comment," and "A Further Comment." *American Economic Review*, 70 (September 1980): 819-822, 826-828.
- [12] Howitt, Peter. "Gross Substitutability with Multi-Valued Excess Demand Functions." *Econometrica* 48 (September 1980): 1567-1573.
- [13] Howitt, Peter W. "Activist Monetary Policy Under Rational Expectations." *Journal of Political Economy*, 89 (April 1981): 249-269.
- [14] Howitt, Peter. "A First Look at the White Paper on Inflation and Taxation." In *Inflation and the Taxation of Personal Investment Income*, ed. by D. W. Conklin. Ontario Economic Council, 1982, 13-48.
- [15] Howitt, Peter. "Anti-Inflation Policy with a Skeptical Public." In *Economic Policy in a World of Change*, Vol. 17 of Carnegie-Rochester Conference Series on Public Policy, ed. Karl Brunner and Allan H. Meltzer. North-Holland, 1982, 109-13.
- [16] Fried, Joel, and Peter Howitt. "The Effects of Inflation on Real Interest Rates." *American Economic Review* 73 (December 1983): 968-980.
- [17] Howitt, Peter. "Information and Coordination: A Review Article." *Economic Inquiry* 22 (July 1984): 429-446.
- [18] Howitt, Peter. "Transaction Costs in the Theory of Unemployment." *American Economic Review* 75 (March 1985): 88-100.

ARTICLES (cont'd):

- [19] Howitt, Peter. "Conversations with Economists: A Review Essay." *Journal of Monetary Economics* 18 (July 1986): 103-118.
- [20] Howitt, Peter. "Wage Flexibility and Employment." *Eastern Economic Journal* 12 (July-September 1986): 237-42. Reprinted with minor changes in *Keynes and Public Policy After Fifty Years*, vol II, ed. Omar F. Hamouda and John N. Smithin. Aldershot: Edward Elgar, 1988, 61-9.
- [21] Howitt, Peter. "Indexation and the Adjustment to Inflation in Canada." In *Postwar Macroeconomic Developments*, vol 20 of background studies to the Royal Commission on the Economic Union and Development Prospects for Canada, John Sargent, research coordinator. Toronto: University of Toronto Press, 1986, 175-224.
- [22] Howitt, Peter. "The Keynesian Recovery." *Canadian Journal of Economics* 19 (November 1986): 626-41.
- [23] Howitt, Peter, and R. Preston McAfee. "Costly Search and Recruiting." *International Economic Review* 28 (February 1987): 89-107.
- [24] Howitt, Peter. "Disinflation and Exchange Rate Stabilization: Canada, 1980-1985." *Journal of Policy Modeling* 9 (Winter 1987): 637-659.
- [25] Howitt, Peter. "Macroeconomics: Relations with Microeconomics." In *The New Palgrave: A Dictionary of Economics*, vol 3, John Eatwell, Murray Milgate and Peter Newman (editors). The Macmillan Press Ltd., 1987, 273-276.
- [26] Howitt, Peter. "Money Illusion." In *The New Palgrave: A Dictionary of Economics*, vol 3, John Eatwell, Murray Milgate and Peter Newman (editors). The Macmillan Press Ltd., 1987, 518-519.
- [27] Howitt, Peter. "Optimum Quantity of Money." In *The New Palgrave: A Dictionary of Economics*, vol 3, John Eatwell, Murray Milgate and Peter Newman (editors). The Macmillan Press Ltd., 1987, 744-745.
- [28] Howitt, Peter. "Business Cycles with Costly Search and Recruiting." *Quarterly Journal of Economics* 103 (February 1988): 147-165.
- [29] Fried, Joel, and Peter Howitt. "Fiscal Deficits, International Trade and Welfare." *Journal of International Economics* 24 (February 1988): 1-22.

ARTICLES (cont'd):

- [30] Howitt, Peter, and R. Preston McAfee. "Stability of Equilibria with Externalities." *Quarterly Journal of Economics* 103 (May 1988): 261-277.
- [31] Howitt, Peter W. "Money and the Timing of Transactions in Intermediated Exchange." In *Finance Constraints, Expectations, and Macroeconomics*, ed. Meir Kohn and Sho-Chieh Tsiang. Oxford: Clarendon Press, 1988, 54-70.
- [32] Howitt, Peter. "Monetary Policy in the Medium Term." In *Policy Forum on Macropolicy Issues in the Medium Term*, ed. Jack M. Mintz and Douglas D. Purvis. John Deutsch Institute, 1988, 52-60.
- [33] Gaudet, Gerard, and Peter Howitt. "A Note on Uncertainty and the Hotelling Rule." *Journal of Environmental Economics and Management* 16 (1989): 80-86.
- [34] Howitt, Peter, and Hans-Werner Sinn. "Gradual Reforms of Capital Income Taxation." *American Economic Review* 79 (March 1989): 106-124.
- [35] Howitt, P. "Optimal Disinflation in a Small Open Economy." In *Actual Problems in Economic Science*, vol. I, ed. M^a.C. Gallastegui, I. Gallastegui, and F. Tusell. Vitoria, Spain: Eusko Jauriaritza/Gobierno Vasco, 1989, 77-100.
- [36] Howitt, Peter. "Zero Inflation as a Long-Term Target for Monetary Policy." In *Zero Inflation*, ed. R.G. Lipsey. C.D. Howe Research Institute, 1990, 66-108.
- [37] Howitt, Peter. "A Comment." In *Taking Aim: The Debate on Zero Inflation*, ed. Robert C. York. C.D. Howe Research Institute, 1990, 104-108.
- [38] Howitt, Peter. "Intergenerational Redistribution." In *Economic Theory, Welfare and the State*, ed. A. Asimakopulos, R. Cairns, and C. Green. Macmillan, 1990, 218-37.
- [39] Howitt, Peter. "A Skeptic's Guide to Canadian Monetary Policy." *Commentary*, C.D. Howe Institute, December 1990.
- [40] Howitt, Peter. "Keynesian Policy Analysis, Rational Expectations, and the Bank of Canada." In *Welfare, Property Rights and Economic Policy: Essays and Tributes in Honour of H. Scott Gordon*, ed. T.K. Rymes. Carleton University Press, 1991, 95-118.
- [41] Aghion, Philippe, and Peter Howitt. "Unemployment: A Symptom of Stagnation or a Side-Effect of Growth?" *European Economic Review* 35 (April 1991): 535-541.

ARTICLES (cont'd):

- [42] Howitt, Peter. "Comment on the Genesis of Inflation and the Costs of Disinflation." *Journal of Money, Credit and Banking* 23 (August 1991, Part 2): 456-461.
- [43] Howitt, Peter. "Constitutional Reform and the Bank of Canada." In *Economic Dimensions of Constitutional Change*, vol 2, ed. Robin W. Boadway, Thomas J. Courchene, and Douglas D. Purvis. Kingston: John Deutsch Institute, 1991, 383-408.
- [44] Howitt, Peter. "Reform of the Bank of Canada and Harmonization of Macroeconomic Policies." In *Economic Aspects of the Federal Government's Constitutional Proposals*, ed. Robin W. Boadway and Douglas D. Purvis. Kingston: John Deutsch Institute, November 1991, 39-47.
- [45] Aghion, Philippe, and Peter Howitt. "A Model of Growth Through Creative Destruction." *Econometrica* 60 (March 1992): 323-51.
- [46] Howitt, Peter, and R. Preston McAfee. "Animal Spirits." *American Economic Review* 82 (June 1992): 493-507.
- [47] Howitt, Peter. "Interest-Rate Control and Nonconvergence to Rational Expectations." *Journal of Political Economy* 100 (August 1992): 776-800.
- [48] Howitt, Peter. "Commentary." [on >Synthesis of Money-Demand and Indicator Models,= by Gregory, Smith and Wirjanto] In *Monetary Seminar: A Seminar Sponsored by the Bank of Canada, May 7-9, 1990*. Ottawa: Bank of Canada, 1992, 511-14.
- [49] Howitt, Peter. "Round Table Remarks." In *Monetary Seminar: A Seminar Sponsored by the Bank of Canada, May 7-9, 1990*. Ottawa: Bank of Canada, 1992, 529-35.
- [50] Howitt, Peter. "Cash-in-advance economy." In *The New Palgrave Dictionary of Money and Finance*, vol. 1, John Eatwell, Murray Milgate and Peter Newman (editors). London: Macmillan Press, 1992, 318-319.
- [51] Howitt, Peter. "Fisher effect." In *The New Palgrave Dictionary of Money and Finance*, vol.2, John Eatwell, Murray Milgate and Peter Newman (editors). London: Macmillan Press, 1992, 123-124.
- [52] Howitt, Peter W. "Canada." Chapter 14 of *Monetary Policy in Developed Economies: Handbook of Comparative Economic Policies*, Vol. 3, edited by Michele U. Fratianni and Dominick Salvatore. Westport, Connecticut: Greenwood Press, 1993, 459-508.

ARTICLES (cont'd):

- [53] Howitt, Peter. "Money and Growth Revisited." In *Monetary Theory and Thought: Essays in Honour of Don Patinkin*, edited by Haim Barkai, Stanley Fisher and Nissan Liviatan. London: Macmillan, 1993, 260-283.
- [54] Howitt, Peter, and Ronald Wintrobe. "Equilibrium Political Inaction in a Democracy." In *Preferences and Democracy: Villa Colombella Papers*, edited by Albert Breton, Gianluigi Galeotti, Pierre Salmon, and Ronald Wintrobe. Dordrecht: Kluwer Academic Publishers, 1993, 41-64.
- [55] Aghion, Philippe, and Peter Howitt. "Growth and Unemployment." *Review of Economic Studies* 61 (July 1994): 477-94.
- [56] Howitt, Peter. "Endogenous Growth Theory: Taming the Winds of Change, or Tweaking Neoclassical Economics?" In *Stabilization, Growth and Distribution: Linkages in the Knowledge Era*, edited by Thomas J. Courchene. *The Bell Canada Papers on Economic and Public Policy*, vol. 2, Kingston: John Deutsch Institute for the Study of Public Policy, 1994, 127-59.
- [57] Howitt, Peter. "Panel Discussion." In *Economic Behaviour and Policy Choice Under Price Stability: Proceedings of a conference held at the Bank of Canada, October 1993*. Ottawa: Bank of Canada, 1994.
- [58] Howitt, Peter. "Adjusting to Technological Change." *Canadian Journal of Economics* 27 (November 1994): 763-75.
- [59] Aghion, Philippe, and Peter Howitt. "Technical Progress in the Theory of Economic Growth." In *Economics in a Changing World: Proceedings of the 10th World Congress of the International Economic Association, vol.5*, edited by Jean-Paul Fitoussi. London: Macmillan, 1995, 101-22.
- [60] Clower, Robert, and Peter Howitt. "Les Fondements de l'Economie." In *L'Economie Devient-Elle une Science Dure?*, edited by Antoine d'Autume and Jean Cartelier. Paris: Economica, 1995, 18-37.
- [61] Clower, Robert, and Peter Howitt. "La Monnaie, Les Marchés et Coase." In *L'Economie Devient-Elle une Science Dure?*, edited by Antoine d'Autume and Jean Cartelier. Paris: Economica, 1995, 199-215.
- [62] Howitt, Peter, and Ronald Wintrobe. "The Political Economy of Inaction." *Journal of Public Economics* 56 (March 1995): 329-53.

ARTICLES (cont'd):

- [63] Aghion, Philippe, and Peter Howitt. "Research and Development in the Growth Process." *Journal of Economic Growth* 1 (March 1996): 49-73.
- [64] Aghion, Philippe, and Peter Howitt. "The Observational Implications of Schumpeterian Growth Theory." *Empirical Economics* (Special issue entitled: *Long-Run Economic Growth*) 21 (1996): 13-25.
- [65] Clower, Robert, and Peter Howitt. "Taking Markets Seriously: Groundwork for a Post Walrasian Macroeconomics." In *Beyond Micro Foundations: Post Walrasian Macroeconomics*, edited by David Colander. New York: Cambridge University Press, 1996, 21-37.
- [66] Howitt, Peter. "Cash in Advance, Microfoundations in Retreat." In *Inflation, Institutions, and Information: Essays in Honour of Axel Leijonhufvud*, edited by Daniel Vaz and Kumaraswami Velupillai. London: Macmillan, 1996, 62-88.
- [67] Howitt, Peter. "On Some Problems in Measuring Knowledge-Based Growth." In *The Implications of Knowledge-Based Growth for Micro-Economic Policies*, edited by Peter Howitt. Calgary, University of Calgary Press, 1996, 9-29.
- [68] Howitt, Peter. "Search Theory." In *Business Cycles and Depressions: An Encyclopedia*, edited by D. Glasner. New York: Garland Publishing Inc., 1997, 607-9.
- [69] Aghion, Philippe, and Peter Howitt. "A Schumpeterian Perspective on Growth and Competition." In *Advances in Economics and Econometrics: Theory and Applications*, vol 2, edited by David M. Kreps and Kenneth F. Wallis. Cambridge University Press, 1997, 279-317.
- [70] Howitt, Peter. "Expectations and Uncertainty in Contemporary Keynesian Models." In *A Second Edition of The General Theory*, vol 1, edited by G.C. Harcourt and P.A. Riach. London: Routledge, 1997, 238-60.
- [71] Howitt, Peter. "Low Inflation and the Canadian Economy." In *Where We Go from Here: Inflation Targets in Canada's Monetary Policy Regime*, edited by David Laidler. Toronto: C.D. Howe Institute, 1997, 27-67.
- [72] Clower, Robert, and Peter Howitt. "Foundations of Economics." In *Is Economics Becoming a Hard Science?*, edited by Antoine d'Autume and Jean Cartelier. Cheltenham, UK: Edward Elgar, 1997, 17-34.

ARTICLES (cont'd):

- [73] Clower, Robert, and Peter Howitt. "Money, Markets and Coase." In *Is Economics Becoming a Hard Science?*, edited by Antoine d'Autume and Jean Cartelier. Cheltenham, UK: Edward Elgar, 1997, 189-203.
- [74] Howitt, Peter. "Commentary." [on "Alternative Strategies for Aggregating Prices in the CPI," by M. Shapiro and D. Wilcox]. In *Measuring Inflation*, edited by William Gavin. Conference proceedings appearing as: *Federal Reserve Bank of St. Louis Review* 79 (May/June 1997): 139-41.
- [75] Howitt, Peter, and Philippe Aghion. "Ajustement macroéconomique aux technologies multi-usage." *l=Actualité économique, Revue d=analyse économique* 73 (December 1997): 575-93.
- [76] Clower, Robert W., and Peter Howitt. "Keynes and the Classics: An End of Century View." In *Keynes and the Classics Reconsidered*, edited by James C.W. Ahikpor. Boston: Kluwer, 1998, 163-78.
- [77] Aghion, Philippe, and Peter Howitt. "Market Structure and the Growth Process." *Review of Economic Dynamics* 1 (January 1998): 276-305.
- [78] Howitt, Peter, and Philippe Aghion. "Capital Accumulation and Innovation as Complementary Factors in Long-Run Growth." *Journal of Economic Growth* 3 (June 1998): 111-30.
- [79] Aghion, Philippe, and Peter Howitt. "On the Macroeconomic Effects of Major Technological Change." In *General Purpose Technologies and Economic Growth*, edited by Elhanan Helpman. Cambridge, MA: MIT Press, 1998, 121-44.
- [80] Howitt, Peter. "Measurement, Obsolescence, and General Purpose Technologies." In *General Purpose Technologies and Economic Growth*, edited by Elhanan Helpman. Cambridge, MA: MIT Press, 1998, 219-51.
- [81] Howitt, Peter. "Steady Endogenous Growth with Population and R&D Inputs Growing." *Journal of Political Economy* 107 (August 1999): 715-30.
- [82] Howitt, Peter. "The Institutional Foundations of the Multiplier Process." In *Money, Markets and Method: Essays in Honour of Robert W. Clower*, edited by Peter Howitt, Elisabetta de Antoni and Axel Leijonhufvud. Edward Elgar Publishing Co., 1999, 211-35.
- [83] Howitt, Peter, and Robert Clower. "The Emergence of Economic Organization." *Journal of Economic Behavior and Organization* 41 (January 2000): 55-84.

ARTICLES (cont'd):

- [84] Howitt, Peter. "Endogenous Growth and Cross-Country Income Differences." *American Economic Review* 90 (September 2000): 829-46.
- [85] Howitt, Peter. "The Economics of Science and the Future of Universities." The 16th Timlin Lecture, University of Saskatchewan, Saskatoon, 2000.
- [86] Howitt, Peter. "Discussion of Michael Parkin=s Paper." In *Price Stability and the Long-Run Target for Monetary Policy: Proceedings of a seminar held by the Bank of Canada*, Bank of Canada, Ottawa, 2001, 260-65.
- [87] Aghion, Philippe, Christopher Harris, Peter Howitt and John Vickers. "Competition, Imitation and Growth with Step-by-step Innovation." *Review of Economic Studies* 68 (July 2001): 467-92.
- [88] Howitt, Peter. "Looking Inside the Labor Market: A Review Article." *Journal of Economic Literature* 40 (March 2002): 125-38.
- [89] Howitt, Peter. "Axel Leijonhufvud - On Keynesian Economics and the Economics of Keynes: A Study in Monetary Theory." In *dictionnaire des grandes oeuvres économiques* edited by Xavier Greffe, Jérôme Lallement and Michel De Vroey. Paris: Dalloz, 2002, 280-88.
- [90] Aghion, Philippe, Peter Howitt and Giovanni L. Violante. "General Purpose Technology and Wage Inequality." *Journal of Economic Growth* 7 (December 2002): 315-345.
- [91] Howitt, Peter. "Coordination Failures." In *An Encyclopedia of Macroeconomics*, edited by Brian Snowdon and Howard R. Vane. Cheltenham, UK: Edward Elgar, 2003, 140-44.
- [92] Howitt, Peter. "Comment on Search, Money and Capital: A Neoclassical Dichotomy." *Journal of Money, Credit and Banking* 35 (December 2003, Part 2): 1107-10.
- [93] Aghion, Philippe, Peter Howitt and Giovanni L. Violante. "Wage Inequality and Technological Change: A Nelson-Phelps Approach." In *Knowledge, Information, and Expectations in Modern Macroeconomics: In Honor of Edmund S. Phelps*, edited by Philippe Aghion, Roman Frydman, Joseph Stiglitz and Michael Woodford. Princeton, NJ: Princeton University Press, 2003, 443-61.
- [94] Howitt, Peter. "Endogenous Growth, Productivity and Economic Policy: A Progress Report." *International Productivity Monitor* 8 (Spring, 2004): 3-15.

ARTICLES (cont'd):

- [95] Aghion, Philippe, Richard Blundell, Rachel Griffith, Peter Howitt and Susanne Prantl. "Entry and Productivity Growth: Evidence from Microlevel Panel Data." *Journal of the European Economic Association* 2 (April-May 2004): 265-76.
- [96] Aghion, Philippe, Cecilia Garcia-Peñalosa and Peter Howitt. "Knowledge and Development: A Schumpeterian Approach," In *Economic Growth and Macroeconomic Dynamics: Recent Developments in Economic Theory*, edited by Steve Dowrick, Rohan Pitchford and Stephen J. Turnovsky. New York: Cambridge University Press, 2004, pp. 46-79.
- [97] Howitt, Peter, and David Mayer-Foulkes. "R&D, Implementation, and Stagnation: A Schumpeterian Theory of Convergence Clubs," *Journal of Money, Credit and Banking* 37 (February 2005): 147-77.
- [98] Aghion, Philippe, Peter Howitt and David Mayer-Foulkes. "The Effect of Financial Development on Convergence: Theory and Evidence." *Quarterly Journal of Economics* 120 (February 2005): 173-222.
- [99] Howitt, Peter. "Beyond Search: Fiat Money in Organized Exchange." *International Economic Review* 46(2) (May, 2005): 405-29.
- [100] Aghion, Philippe, Nick Bloom, Richard Blundell, Rachel Griffith and Peter Howitt. "Competition and Innovation: An Inverted-U Relationship." *Quarterly Journal of Economics* 120 (May 2005): 701-28.
- [101] Howitt, Peter. "Health, Human Capital, and Economic Growth: A Schumpeterian Perspective." In *Health and Economic Growth: Findings and Policy Implications*, edited by Guillem López-Casasnovas, Berta Rivera and Luis Currais. Cambridge, MA: MIT Press, 2005, 19-40.
- [102] Aghion, Philippe and Peter Howitt. "Growth with Quality-Improving Innovations: An Integrated Framework." In *Handbook of Economic Growth*, vol 1A, edited by Philippe Aghion and Steven N. Durlauf. Amsterdam, North-Holland, 2005, 67-110.
- [103] Howitt, Peter. "Coordination Issues in Long-Run Growth." In *Handbook of Computational Economics, Volume II: Agent-Based Computational Economics*, edited by Leigh Tesfatsion and Kenneth Judd. Amsterdam, North-Holland, 2006, 1605-24.
- [104] Aghion, Philippe and Peter Howitt. "Appropriate Growth Policy: An Integrating Framework." *Journal of the European Economic Association* 4 (April-May 2006): 269-314.

ARTICLES (cont'd):

- [105] Howitt, Peter. "The Microfoundations of the Keynesian Multiplier Process." *Journal of Economic Interaction and Coordination* 1 (May 2006): 33-44.
- [106] Howitt, Peter. "Monetary Policy and the Limitations of Economic Knowledge." In *Post Walrasian Macroeconomics: Beyond the Dynamic Stochastic General Equilibrium Model*, edited by David Colander. New York: Cambridge University Press, 2006, 347-67.
- [107] Aghion, Philippe, Rachel Griffith and Peter Howitt. "U-shaped relationship between vertical integration and competition: Theory and evidence." *International Journal of Economic Theory* 2 (September/December 2006): 351-63.
- [108] Howitt, Peter. "Discussion." In *Issues in Inflation Targeting: Proceedings of a Conference held by the Bank of Canada, April 2005*, Bank of Canada, Ottawa, 2006, 359-66.
- [109] Aghion, Philippe and Peter Howitt. "Capital, Innovation and Growth Accounting," *Oxford Review of Economic Policy* 23 (March 2007): 79-93.
- [110] Howitt, Peter. "Innovation, Competition and Growth: A Schumpeterian Perspective on Canada's Economy." *Commentary*, C.D. Howe Institute, April 2007.
- [111] Ha, Joonkyung and Peter Howitt. "Accounting for Trends in Productivity and R&D: A Schumpeterian Critique of Semi-Endogenous Growth Theory." *Journal of Money, Credit, and Banking* 39 (June 2007): 733-74.
- [112] Howitt, Peter. "Edmund Phelps: Macroeconomist and Social Scientist." *Scandinavian Journal of Economics* 109 (July 2007): 203-24.
- [113] Howitt, Peter. "Vers une macroéconomie fondée sur des agents autonomes et intelligents." *Revue de l'OFCE* (Été 2007).
- [114] Colander, David, Peter Howitt, Alan Kirman, Axel Leijonhufvud, and Perry Mehrling. "Beyond DSGE Models: Towards an Empirically-Based Macroeconomics." *American Economic Review Papers and Proceedings* 98 (May 2008): 236-40.
- [115] Howitt, Peter. "Endogenous Growth." In *The New Palgrave Dictionary of Economics*, 2nd edition, Steven Durlauf and Lawrence Blume (editors). New York, Palgrave Macmillan, 2008.
- [116] Howitt, Peter and David N. Weil. "Economic Growth" In *The New Palgrave Dictionary of Economics*, 2nd edition, Steven Durlauf and Lawrence Blume (editors). New York, Palgrave Macmillan, 2008.

ARTICLES (cont'd):

- [117] Howitt, Peter. "Macroeconomics with Intelligent Autonomous Agents," In *Macroeconomics in the Small and the Large: Essays on Microfoundations, Macroeconomic Applications and Economic History in Honor of Axel Leijonhufvud*. Roger Farmer (editor). Cheltenham: Edward Elgar, 2008, 157-77.
- [118] Aghion, Philippe, Richard Blundell, Rachel Griffith, Peter Howitt, and Susanne Prantl. "The Effects of Entry on Incumbent Innovation and Productivity." *Review of Economics and Statistics* 91 (February 2009): 20-32.
- [] Howitt, Peter. "Inflation Targeting in Canada: Optimal Policy or Just Being There?" In *David Laidler's Contributions to Macroeconomics*. William Leeson (editor). New York: Palgrave Macmillan, forthcoming.
- [] Howitt, Peter. "Discussion of Bill Robson's Paper," In *David Laidler's Contributions to Macroeconomics*. William Leeson (editor). New York: Palgrave Macmillan, forthcoming.

BOOKS:

- Howitt, Peter. *Monetary Policy In Transition: A Study of Bank of Canada Policy 1982-85*. Toronto: C.D. Howe Institute, 1986.
- Howitt, Peter. *The Keynesian Recovery and Other Essays*. Philip Allan and University of Michigan, 1990.
- Howitt, Peter (ed.) *The Implications of Knowledge-Based Growth for Micro-Economic Policies*. Calgary, University of Calgary Press, 1996.
- Aghion, Philippe and Peter Howitt. *Endogenous Growth Theory*. Cambridge, MA: MIT Press, 1998.
- Howitt, Peter, Elisabetta de Antoni and Axel Leijonhufvud (eds.) *Money, Markets and Method: Essays in Honour of Robert W. Clower*. Edward Elgar Publishing Co., 1999.
- Aghion, Philippe and Peter Howitt. *The Economics of Growth*. Cambridge, MA: MIT Press, 2009.

BOOK REVIEWS:

“Altruism, Morality, and Economic Theory,” edited by E. S. Phelps. *Canadian Journal of Economics* 9 (November 1976): 745-747.

“Money, Employment, and Inflation,” R. J. Barro and H. I. Grossman. *Journal of Money, Credit, and Banking* 9 (February 1977): 122-127.

“Monetary Theory,” by K. Nagatani. *Canadian Journal of Economics* 12 (May 1979): 324-327.

“Government in Canadian Capital Markets: Selected Cases,” J. E. Pesando and L. B. Smith. *Canadian Public Policy* 5 (Summer 1979): 440.

“The Theory of Money,” by Jurg Niehans. *Journal of Monetary Economics* 6 (April 1980): 305-307.

“Information and Coordination,” by Axel Leijonhufvud. *Journal of Economic Literature* 21 (September 1983): 994-996.

“Selected Economic Writings of Abba P. Lerner,” edited by David Colander. *Canadian Journal of Economics* 19 (May 1985): 450-456.

“Modern Monetary Theory,” by Meyer L. Burstein. *Journal of Money, Credit, and Banking* 20 (May 1988): 275-277.

“Dynamic Macroeconomic Theory,” by Thomas J. Sargent. *Canadian Journal of Economics* 21 (August 1988): 670-72.

“Money, Employment and Interest”, by Shozaburo Fujino. *The Economic Review*, 40 (October 1989): 382-4.

“Equilibrium Unemployment Theory,” by Christopher Pissarides. *Economica* 59 (February 1992): 127-8.

“Reconstructing Keynesian Economics with Imperfect Competition: A Desk-top Simulation,” by Robin Marris. *Economic Journal*, 103 (May 1993): 739-41.

“Finance in a Theory of the Business Cycle,” by Robert E. Krainer. *Economic Journal* 104 (January 1994): 161-3.

“Bounded Rationality in Macroeconomics,” by Thomas J. Sargent. *Journal of Economic Literature* 33 (September 1995): 14-16.

BOOK REVIEWS (cont'd):

- “A Critical Essay on Modern Macroeconomic Theory,” by Frank Hahn and Robert Solow. *Journal of Economic Literature* 35 (March 1997): 132-34.
- “Economic Growth, Technological Change, and Canadian Economic Policy,” by Richard G. Lipsey. *Canadian Public Policy* 23 (December 1997): 470.
- “An Encyclopedia of Keynesian Economics,” edited by Thomas Cate, Geoff Harcourt and David Colander. *Economic Journal* 109 (February 1999): F236-8.
- “Underdevelopment: A Strategy for Reform,” by Paolo Sylos Labini. *Journal of Economic Literature* 41 (June, 2003): 617-18.
- “Lectures on Economic Growth,” by Robert E. Lucas Jr. *Economic Journal* 113 (June, 2003): F384-85.
- “The Economic Future in Historical Perspective,” edited by Paul A. David and Mark Thomas. *Journal of Interdisciplinary History* 37 (Summer 2006): 98-99.
- “Farewell to Alms: A Brief Economic History of the World,” by Gregory Clark. *Journal of Interdisciplinary History* 39 (2009): forthcoming.

GRANTS:

- “An Agent-Based Model of Inflation,” NSF #0617869, 08/15/06 - 07/31/07, \$70,721 (complete)
- “Learning and Financial Stability,” NSF #6987720, 07/01/10 - 06/30/11, \$113,521 (pending)