

Biographical Sketch

PETER A. DIAMOND

PERSONAL:

Born: April 29, 1940
Marital Status: Married
Children: Two

EDUCATION:

Yale University, B.A. summa cum laude, 1960 (Mathematics)
M.I.T., Ph.D., 1963 (Economics)

HONORS, AWARDS, AND GRANTS:

Social Science Research Fellow, 6/65-12/65
Guggenheim Fellow, 1/66-9/66, 9/82-6/83
National Science Foundation Research Grants, 1965 to date
Fellow, Econometric Society, elected 1968
Fellow, American Academy of Arts and Sciences, elected 1978
Mahalanobis Memorial Award, 1980
Member, National Academy of Sciences, elected 1984
Founding Member, National Academy of Social Insurance, 1988
Research Associate, National Bureau of Economic Research, since 1991
Nemmers Prize, 1994
Fulbright Fellow, University of Siena, 2000
Distinguished CES Fellow, 2000
Killian Award, MIT, 2003-4
Samuelson Award from TIAA-CREF, 2003
Jean-Jacques Laffont Prize, 2005

EMPLOYMENT:

M.I.T., Associate Professor, 1966-70; Professor, 1970-88; John and Jennie S. MacDonald Professor, 1989-91; Paul A. Samuelson Professor, 1992-97; Institute Professor, 1997 to date; Head, 1985-86
University of California, Berkeley, Assistant Professor, 1963-65; Acting Associate Professor, 1965-66.

VISITING APPOINTMENTS:

Churchill College, Cambridge, 1965-66

University College, Nairobi, 6/68-1/69
Hebrew University, Jerusalem, 1/69-6/69
Nuffield College, Oxford, 6/69-9/69
Balliol College, Oxford, 1973-74
Harvard University, 1977-78, 9/81-1/82, 1982-3, 1989-90, 1991-2
European University Institute, 3/92
University of Siena, 4-6/2000

PROFESSIONAL ACTIVITY:

Journal of Economic Theory, Associate Editor, 1969-71
Journal of Public Economics, Associate Editor, 1971-86, Co-editor, 1986-1995, Advisory Editor, 1996-
Chairman, Air Freight Study Group, Ministry of Planning, Kenya, 1968-69
Member, Panel on Social Security Financing consulting to U.S. Senate Finance Committee, 1974-75
Member, Consultant Panel on Social Security of the Congressional Research Service, 1975-76
Consultant to National Commission on Social Security, 1980
American Economic Review, Board of Editors, 1979-81
Econometric Society, Council, 1981-86; 2nd Vice President, 1989; 1st Vice President, 1990; President, 1991; Past President, 1992
American Economic Association, Vice-President, 1986, President-Elect 2002, President 2003, Past-President, 2004.
Member, Panel of Technical Experts consulting to Advisory Council on Social Security, 1989-90
Chair, Expert Panel on the Future of Retirement Income and Health Care Financing consulting to Advisory Council on Social Security, 1991
Member, Chief Justice's Commission on the Future of the Courts, Massachusetts, 1991-92
Member, Behavioral Economics Roundtable, Russell Sage Foundation, 1993-
Member, Panel on Trends and Issues in Retirement Savings consulting to Advisory Council on Social Security, 1994-95
National Academy of Social Insurance, President, 1994-97; Chair of Board, 1996-98; Board member, 1998-2001
Member, Panel on Retirement Income Modeling, National Academy of Sciences, 1995
Chair, Panel on Privatization of Social Security, National Academy of Social Insurance, 1996-98
Member, COSEPUP, National Academy of Sciences, 1997-2000
Member, Blue Ribbon Panel on the State's Retirement Group Classification System, Committee on Public Service, Massachusetts Legislature, 2006

BOOKS:

1. Uncertainty in Economics, Readings and Exercises (edited with M. Rothschild), San Diego: Academic Press, 1978, revised edition, 1989.
2. A Search Equilibrium Approach to the Micro Foundations of Macro economics, 1982 Wicksell Lectures, Cambridge: MIT Press, 1984.

3. Growth, Productivity, Unemployment: Essays to Celebrate Bob Solow's Birthday, Cambridge: MIT Press, 1990 (edited volume).
4. On Time: Lectures on Models of Equilibrium, Churchill Lectures, Presented May 4, 5, 1993 at Cambridge University, Cambridge: Cambridge University Press, 1994.
5. Social Security: What Role for the Future? (edited with D. Lindeman, and H. Young), Washington: Brookings, 1996.
6. Issues in Privatizing Social Security, Report of an Expert Panel of the National Academy of Social Insurance, Cambridge: MIT Press, 1999 (edited volume).
7. Social Security Reform, The 1999 Lindahl Lectures, Oxford: Oxford University Press, 2002.
8. Taxation, Incomplete Markets and Social Security The 2000 Munich Lectures, Cambridge: MIT Press, 2002.
9. Saving Social Security: A Balanced Approach (with Peter R. Orszag) Washington: Brookings Institution Press, 2004, revised edition 2005.
10. Behavioral Economics and Its Applications (edited with Hannu Vartiainen), Princeton: Princeton University Press, 2007.
11. Reforming Pensions: Principles and Policy Choices (with Nicholas Barr), Oxford: Oxford University Press, forthcoming.

PUBLISHED PAPERS:

1. "Stationary Utility and Time Perspective" (with T. C. Koopmans and R. E. Williamson), *Econometrica* 32 (1/2), January-April 1964, 82-100.
2. "Optimal Growth in a Model of Srinivasan," *Yale Economic Essays*, Spring 1964, 273-277.
3. "The Evaluation of Infinite Utility Streams," *Econometrica* 33 (1), January 1965, 170-177.
4. "Disembodied Technical Change in a Two-Sector Model," *Review of Economic Studies* XXXII (2), April 1965, 161-168.
5. "On the Cost of Tax Exempt Bonds," *Journal of Political Economy* LXXIII (4), August 1965, 399-403.
6. "Technical Change and the Measurement of Capital and Output," *Review of Economic Studies* XXXII, October 1965, 289-298.
7. "National Debt in a Neoclassical Growth Model," *American Economic Review* LV (5), Part 1,

December 1965, 1126-1150.

8. "Optimal Paths of Capital Accumulation under the Minimum Time Objective - A Comment," *Econometrica* 34 (4), October 1966, 886-887.
9. "The Role of a Stock Market in a General Equilibrium Model with Technological Uncertainty," *American Economic Review* LVII (4), September 1967, 759-776.
10. "Cardinal Welfare, Individualistic Ethics, and Interpersonal Comparison of Utility: Comment," *Journal of Political Economy* 75 (5), October 1967, 765-766.
11. "Negative Taxes and the Poverty Problem - A Review Article," *National Tax Journal* XXI (3), September 1968, 288-303.
12. "The Opportunity Costs of Public Investment: Comment," *Quarterly Journal of Economics* LXXXII, November 1968, 682-688.
13. "Effective Protection of the East African Transfer Taxes," *East African Economic Review*, December 1968, 37-48.
14. "On the Economics of Tourism," *East African Economic Review*, December 1969, 53-62.
15. "Incidence of an Interest Income Tax," *Journal of Economic Theory* 2 (3), September 1970, 211-224.
16. "Optimal Taxation and Public Production, I: Production Efficiency" and "II: Tax Rules" (with J.A. Mirrlees), *American Economic Review* LXI (1), March 1971, 8-27 and LXI (3), Part I, June 1971, 261-278.
17. "Customs Valuation and Transport Choice" (with F. Mitchell), *Journal of International Economics* 1 (1), February 1971, 119-126.
18. "A Model of Price Adjustment," *Journal of Economic Theory* 3 (2), June 1971, 156-168.
19. "Implications of the Theory of Rationing for Consumer Choice Under Uncertainty" (with M.E. Yaari), *American Economic Review* LXII (3), June 1972, 333-343.
20. "Aggregate Production with Consumption Externalities" (with J.A. Mirrlees), *Quarterly Journal of Economics* LXXXVII (1), February 1973, 1-24.
21. "Taxation and Public Production in a Growth Setting," in J.A. Mirrlees and N. H. Stern, eds., *Models of Economic Growth*, (London: MacMillan, 1973).
22. "Consumption Externalities and Imperfect Corrective Pricing," *Bell Journal of Economics and Management Science* 4 (2), Autumn 1973, 526-538.

23. "Single Activity Accidents," *Journal of Legal Studies* 3 (1), January 1974, 107-162.
24. "Some Uses of the Expenditure Function in Public Finance" (with D. McFadden), *Journal of Public Economics* 3, February 1974, 3-21.
25. "Increases in Risk and in Risk Aversion" (with J. Stiglitz), *Journal of Economic Theory* 8 (3), July 1974, 337-360.
26. "Accident Law and Resource Allocation," *Bell Journal of Economics and Management Science* 5 (2), Autumn 1974, 366-405.
27. "Inflation and the Comprehensive Tax Base," *Journal of Public Economics* 4, August 1975, 227-244; correction *Journal of Public Economics* 16 (1), August 1981, 129.
28. "A Many-Person Ramsey Tax Rule," *Journal of Public Economics* 4, November 1975, 335-342.
29. "On the Assignment of Liability: The Uniform Case" (with J.A. Mirrlees), *Bell Journal of Economics and Management Science* 6 (2), Autumn 1975, 487-516.
30. "Private Constant Returns and Public Shadow Prices" (with J.A. Mirrlees), *Review of Economic Studies* XLIII (1), February 1976, 41-47.
31. "A Model of Lifetime Earnings Patterns" (with R. Anderson and Y. Balcer), in Report of the Consultant Panel on Social Security to the Congressional Research Service, April 1976.
32. "Social Security Benefits with a Lengthening Averaging Period" (with Y. Balcer), *Journal of Risk and Insurance* XLIV (2), June 1977, 259-265.
33. "Insurance Theoretic Aspects of Workers' Compensation," in A. Blinder and P. Friedman, ed., *Natural Resources, Uncertainty, Dynamics, and Trade: Essays in Honor of Rafael Lusky*, 1977.
34. "A Framework for Social Security Analysis," *Journal of Public Economics* 8, 1977, 275-298.
35. "Measurement of the Elasticity of Substitution and Bias of Technical Change" (with D. McFadden and M. Rodriguez), in *Production Economics: A Dual Approach to Theory and Applications*, M. Fuss and D. McFadden, eds. (Amsterdam: North-Holland, 1978).
36. "Welfare Analysis of Imperfect Information Equilibria," *Bell Journal of Economics* 9 (1), Spring 1978, 82-105.
37. "Tax Incidence in a Two Good Model," *Journal of Public Economics* 9 (3), June 1978, 283-299.
38. "A Model of Social Insurance with Variable Retirement" (with J.A. Mirrlees), *Journal of Public*

Economics 10, 1978, 295-336.

39. "An Equilibrium Analysis of Search and Breach of Contract, I: Steady States" (with E. Maskin), *Bell Journal of Economics* 10 (1), Spring 1979, 282-316.
40. "Research Agenda on Pensions," in T. Gustafson ed., *Work Income, and Retirement of the Aged: Report of a Workshop*, U.S. Department of Health, Education, and Welfare, 1979.
41. "Income Taxation with Fixed Hours of Work," *Journal of Public Economics* 13, February 1980, 101-110.
42. "Efficiency with Uncertain Supply," *Review of Economic Studies* XLVII, July 1980, 645-651.
43. "Optimal Taxation in a Stochastic Economy: A Cobb-Douglas Example" (with L.J. Helms and J.A. Mirrlees), *Journal of Public Economics* 14, August 1980, 1-29.
44. "An Alternative to Steady State Comparisons," *Economic Letters* 5, 1980, 7-9.
45. "Mobility Costs, Frictional Unemployment, and Efficiency," *Journal of Political Economy* 89 (4), August 1981, 798-812.
46. "An Equilibrium Analysis of Search and Breach of Contract II: A Non Steady State Example" (with E. Maskin), *Journal of Economic Theory* 25 (2), October 1981, 165-195.
47. "Wage Determination and Efficiency in Search Equilibrium," *Review of Economic Studies* XLIX, 1982, 217-227.
48. "Protection, Trade Adjustment Assistance, and Income Distribution," in J. Bhagwati, ed., *Import Competition and Response*, NBER (Chicago: University of Chicago Press, 1982).
49. "Aggregate Demand Management in Search Equilibrium," *Journal of Political Economy* 90 (5), 1982, 881-94.
50. "Money in Search Equilibrium," *Econometrica* 52 (1), January 1984, 1-20.
51. "Individual Retirement and Savings Behavior" (with J. Hausman), *Journal of Public Economics* 23, (1/2), February/March 1984, 81-114.
52. "Retirement and Unemployment Behavior of Older Men" (with J. Hausman), in H.J. Aaron and G. Burtless, eds., *Retirement and Economic Behavior* (Washington, D.C.: The Brookings Institution, 1984), 97-134.
53. "Insurance Aspects of Pensions" (with J.A. Mirrlees), in D. Wise, ed., *Pensions, Labor and Individual Choice*, NBER (Chicago: University of Chicago Press, 1985), 317-356.
54. "The Distribution of Inventory Holdings in a Pure Exchange Barter Search Economy" (with J.

- Yellin), *Econometrica* 53 (2), March 1985, 409-432.
55. "Payroll-Tax Financed Social Insurance with Variable Retirement" (with J.A. Mirrlees), *Scandinavian Journal of Economics* 88 (1), 1986, 25-50.
 56. "Comment on K.G. Jungenfelt, 'Intertemporal Aspects of Learning New Techniques: Implications for Efficiency and Distribution,'" *Scandinavian Journal of Economics* 88 (1), 1986, 189-194.
 57. "Consumer Differences and Prices in a Search Model," *Quarterly Journal of Economics*, May 1987, 429-436.
 58. "Credit in Search Equilibrium," in Institute of Economics, Academia Sinica, Symposium on Monetary Theory, 1987, revised version in M. Kohn and S.-C. Tsiang eds., *Finance Constraints, Expectations, and Macroeconomics* (Oxford: Oxford University Press, 1988), 95-119.
 59. "Equilibrium without an Auctioneer," in T. Bewley, ed., *Advances in Economic Theory*, (Cambridge: Cambridge University Press, 1987), 363-78.
 60. "Multiple Equilibria in Models of Credit," *American Economic Review Papers and Proceedings* 77 (2), May 1987, 82-86.
 61. "Optimal Tax Theory and Development Policy: Directions for Future Research," in Newbery and Stern, eds., *The Theory of Taxation for Developing Countries* (Oxford: Oxford University Press, 1987), 639-647.
 62. "Search Theory," in *The New Palgrave*, MacMillan Press, 1987.
 63. "Pricing and the Distribution of Money Holdings in a Search Economy, II" (with J. Yellin), in W. Barnett and K. Singleton eds., *New Approaches to Monetary Economics* (Cambridge: Cambridge University Press, 1987), 311-324.
 64. "Rational Expectations Business Cycles in Search Equilibrium" (with D. Fudenberg), *Journal of Political Economy* XCVII, 1989, 606-19; correction *Journal of Political Economy* XCIX (1), 1991, 218-219.
 65. "The Beveridge Curve" (with O. Blanchard), *BPEA* 1: 1989, 1-76.
 66. "Comment on Murphy, Shliefer, and Vishny," *NBER Macroeconomics Annual*, 1989.
 67. "Pairwise Credit in Search Equilibrium," *Quarterly Journal of Economics*, May 1990, 285-319.
 68. "Inventories and Money Holdings in Search Equilibrium" (with J. Yellin), *Econometrica* 58 (4), July 1990, 929-950.

69. "The Aggregate Matching Function" (with O. Blanchard), in P. Diamond, ed., *Growth, Productivity, Unemployment: Essays to Celebrate Bob Solow's Birthday* (Cambridge: MIT Press, 1990).
70. "The Cyclical Behavior of the Gross Flows of U.S. Workers" (with O. Blanchard), *BPEA* 2, 1990, 85-155.
71. "Optimal Taxation of Identical Consumers when Markets are Incomplete" (with J.A. Mirrlees), in P. Dasgupta, D. Gale, O. Hart, and E. Maskin, eds., *Essays in Honor of Frank Hahn* (Cambridge: MIT Press, 1992).
72. "The Flow Approach to Labor Markets" (with O. Blanchard), *AER Papers and Proceedings*, May 1992, 354-359.
73. "Organizing the Health Insurance Market," *Econometrica* 60 (November 1992), 1233-1254.
74. "Search, Sticky Prices, and Inflation," *Review of Economic Studies*, 60 (January 1993) 53-68.
75. "On Contingent Valuation Measurement of Nonuse Values" (with J. Hausman), in J. Hausman, ed., *Contingent Valuation: A Critical Assessment*, Amsterdam: North Holland, 1993.
76. "Does Contingent Valuation Measure Preferences? Experimental Evidence" (with J. Hausman, G. Leonard, and M. Denning), in J. Hausman, ed., *Contingent Valuation: A Critical Assessment* (Amsterdam: North Holland, 1993).
77. "Issues in Social Insurance," 1993 Nancy L. Schwartz Memorial Lecture, Northwestern University, in *Frontiers of Research in Economic Theory: The Nancy L. Schwartz Memorial Lectures, 1983-1997*, Jacobs, Kalai and Kamein, eds., Cambridge University Press, 1998.
78. "Pension Reform in a Transition Economy: Notes on Poland and Chile," in O. Blanchard, K. Froot, and J. Sachs, editors, *The Transition in Eastern Europe*, Chicago; University of Chicago Press, 1994.
79. "Integrating Allocation and Stabilization Budgets," in J. Quigly and E. Smolensky, eds., *Modern Public Finance*, Cambridge: Harvard University Press, 1994.
80. "Privatization of Social Security: Lessons from Chile," *Revista de Análisis Económico*, 9 (Junio 1994) 21-23; revised version in P. Diamond, D. Lindeman, and H. Young (eds.), *Social Security: What Role for the Future?*, Washington: Brookings, 1996.
81. "Ranking, Unemployment Duration and Wages" (with O. Blanchard), *Review of Economic Studies*, 60 (July 1994) 417-434.
82. "Social Security Reform," (with S. Valdes-Prieto) in *The Chilean Economy*, B. Bosworth, R. Dornbusch, R. Laban, eds., Washington D. C.: Brookings Institution, 1994.

83. "Two Improvements in the Clinton Health Reform," *Journal of Economic Perspectives* 8 (3), Summer 1994, 61-66.
84. "Contingent Valuation: Is Some Number Better than No Number?" (with J. Hausman), *Journal of Economic Perspectives* 8 (4), Fall 1994, 45-64.
85. "Economic Aspects of Optimal Disability Insurance," (with E. Sheshinski), *Journal of Public Economics* 57 (1), May 1995, 1-23.
86. "Government Provision and Regulation of Economic Support in Old Age," in Bruno and Plesovic (eds.), *Annual Bank Conference on Development Economics*, 1995, Washington DC: The World Bank, 83-103.
87. "Discussion of the conceptual underpinnings of the contingent valuation method by A. C. Fisher," in D. Bjornstad and Kahn (eds.), *The contingent valuation of environmental resources: methodological issues and research needs*, 1996, Edward Elgar, pp. 61-71.
88. "Testing the Internal Consistency of Contingent Valuation Surveys," *Journal of Environmental Economics and Management*, 30, 1996, 337-347.
89. "Insulation of Pensions from Political Risk," in S. Valdes, (ed.), *The Economics of Pensions: Principles, Policies, and International Experience*, Cambridge University Press, 1996.
90. "On the Political Economy of Trade: Notes of a Social Insurance Analyst," in R. Feenstra, G. Grossman, and D. Irwin (eds.), *The Political Economy of Trade Policy: Papers in Honor of Jagdish Bhagwati*, MIT Press, 1996.
91. "Proposals to Restructure Social Security," *Journal of Economic Perspectives*, 10 (3), Summer 1996, 67-88.
92. "Public Provision of Pensions: The Doug Purvis Memorial Lecture," *Canadian Public Policy*, 22 (1), March 1996, 1-6.
93. "Generational Accounts and Generational Balance: An Assessment," *National Tax Journal*, 49 (4), 1996, 597-607.
94. "Money Illusion" (with E. Shafir and A. Tversky), *Quarterly Journal of Economics* 112 (2), May 1997, 341-374.
95. "Macroeconomic Aspects of Social Security Reform," *Brookings Papers on Economic Activity*, 1997, 2, 1-87.
96. "Optimal Income Taxation: An Example with a U-shaped pattern for the optimal marginal rates," *American Economic Review* 88 (1), March 1998, 83-95.
97. "Managerial Incentives: On the Near Linearity of Optimal Compensation," *Journal of Political*

Economy 106(5), 1998, 931-957.

98. "Social Security and Retirement in the U.S." (with Jon Gruber), in Gruber and Wise (eds.), *Social Security and Retirement around the World*, University of Chicago Press, 1998.
99. "Rationing Medical Care - An Economist's Perspective," *Economics and Philosophy* 14, 1998, 1-26.
100. "The Economics of Social Security Reform," in Arnold, R. D., Graetz, M. J., and Munnell, A. H. (eds.), *Framing the Social Security Debate: Values, Politics, and Economics*, National Academy of Social Insurance, Brookings Institution Press, 1998, 38-64.
101. "Social Security Reform with a Focus on Italy," *Rivista Di Politica Economica*, December, 1999.
102. "Administrative Costs and Equilibrium Charges with Individual Accounts," in J. Shoven (ed.), *Administrative Costs and Social Security Privatization*, Chicago: University of Chicago Press, 2000.
103. "Social Security Reform with a Focus on Sweden," *Ekonomisk Debatt*, 2000:3 (May).
104. "What Stock Market Returns to Expect for the Future?" *Social Security Bulletin*, 2000.
105. "Adjusting One's Standard of Living: Two Period Models," (with J.A. Mirrlees) in P. J. Hammond and G. D. Myles (eds.), *Incentives, Organization, and Public Economics*, papers in Honour of Sir James Mirrlees, Oxford; Oxford University Press, 2000.
106. "Social Insurance with Variable Retirement and Private Saving" (with J.A. Mirrlees), forthcoming in *Journal of Public Economics*.
107. "Issues in Social Security Reform," in Sheldon Friedman and David Jacobs (eds.), *The Future of the Safety Net: Social Insurance and Employee Benefits in the Next Century*, IRRA Research Volume, 2001.
108. "Integrating Punishment and Efficiency Concerns in Punitive Damages for Reckless Disregard of Risks to Others," *Journal of Law, Economics and Organization*, vol. 18, no. 1, Spring 2002.
109. "Delays in Claiming Social Security Benefits," (with C. Coile, J. Gruber, and A. Jouten), *Journal of Public Economics*, 84 (2002) 357-385.
110. "Social Security Reform with a Focus on the Netherlands," *De Economist*, Vol 149, No. 1, March 2001, 81-114.
111. "Savings and Portfolio Choice in a Two-Period Two-Asset Model," (with Saku Aura and John Geanakoplos), *American Economic Review*, 2002, No. 92 (4), 1185-91.

112. "Public Finance Theory - Then and Now", *Journal of Public Economics*, vol. 86, no.3, December 2002, 311-318.
113. "Social Security Investment in Equities," (with John Geanakoplos), *American Economic Review*, Vol. 93, No. 4, September 2003, 1047-1074.
114. "Quasi-hyperbolic Discounting and Retirement," (with Botond Koszegi), *Journal of Public Economics*. Vol 87, 2003, 1839-1872.
115. "Assessing the Plans Proposed by the President's Commission to Strengthen Social Security" (with Peter R. Orszag) *Tax Notes*, July 2002.
116. "An Assessment of the Proposals of the President's Commission to Strengthen Social Security" (with Peter R. Orszag), *Contributions to Economic Analysis & Policy*, Berkeley Electronic Press, 2002: Vol. 1: No. 1, Article 10.
117. "Reforming the GPO and WEP in Social Security" (with Peter Orszag). *Tax Notes*, November 2003.
118. "Accrual Accounting for Social Security" (with Peter Orszag), *Harvard Journal on Legislation*, Winter 2004 vol. 41 pp. 173-187.
119. "Social Security," *American Economic Review*, March 2004, Vol. 94, No. 1, 1-24.
120. "Social Security Rules that Vary with Age" in Elsa Fornero and Paolo Sestito (eds.), *Pension Systems: Beyond Mandatory Retirement*. Edward Elgar, Northampton MA, 2005, Chapter 2, pgs 23-41.
121. "A Summary of Saving Social Security: A Balanced Approach." (with Peter Orszag), in Rachel Pruchno and Michael A. Smyer, (eds.), *Challenges of an Aging Society: Ethical Dilemmas, Political Issues*, 2007.
122. "Designing a Good Pension System" Bank of Italy, 2004.
123. "Saving Social Security" (with Peter R. Orszag), *Journal of Economic Perspectives*, Spring 2005. Vol 19 No. 2
124. "Social Security, the Government Budget and National Savings", in M. Szenberg, L. Ramrattan and A. A. Gottesman (eds) *Samuelsonian Economics in the 21st Century*, Oxford University Press, 2006.
125. "Annuities and Welfare" (with Tom Davidoff and Jeff Brown), *American Economic Review* vol. 95, no. 5, December 2005, pp. 1573-90.
126. "Reforming Public Pensions in the U.S. and the U.K." *Economic Journal*, vol. 116, no. 509, February 2006, pp. F94-118.

127. "Conceptualization of Non-Financial Defined Contribution Systems" in Robert Holzmann and Edward Palmer, eds., *Pension Reform*, The World Bank, 2006.
128. "Optimal Tax Treatment of Private Contributions for Public Goods with and without Warm Glow Preferences", *Journal of Public Economics*, vol. 90, no. 4-5, May 2006, pp. 897-919.
129. "The Economics of Pensions" (with Nicholas Barr), *Oxford Review of Economics Policy*, Vol. 22. No. 1, Spring 2006, pp. 15-39.
130. "Système de retraite et vieillissement de la population" volume 20, pp21-49, April 2006. ("Pensions for an Aging Population") *Revue Française d'Economie*.
131. "The Public Pension Reform Debate in the U.S. and International Experience" *Risk Management and Insurance Review* 2006, 9, 1, 1-27.
132. "Comment on Mikhail Golosov, Aleh Tsyvinski, Iván Werning, *New Dynamic Public Finance: A Users Guide*, 2006, NBER Macroeconomics Annual 2007.
133. "An Interview with Peter Diamond, *Macroeconomic Dynamics*, 11, 543-565, 2007.

WORKING PAPERS:

"Social Security: A Case for Changing the Earnings Test But Not the Normal Retirement Age."

"Unemployment and Vacancies in Steady State Growth."

"Externalities and Efficiency in a Model of Stochastic Job Matching," (with E. Maskin).

"Ignorance and Monetary Policy."

"Search, Sticky Prices and Deflation," (with L. Felli).

"Search, Sticky Prices and Inflation with Consumer Differences."

"Ranking, Unemployment Duration and Training Costs," (with O. Blanchard).

"Universal Group Health Insurance: Another Approach."

Efficiency with Non-rational Defendants: Punitive and Vicarious Punitive Damages.

Optimal Taxation and the Le Chatelier Principle (with J. Mirrlees).

Mirrlees Report Chapter on the Base for Direct Taxation (with J. Banks and J. Mirrlees).