

VITA

March 2009

WALLACE E. OATES

- Position:** Professor of Economics
University of Maryland
- Office Address:** Department of Economics
University of Maryland
College Park, Maryland 20742
Phone: 301-405-3496
FAX: 301-405-3542
- Home Address:** 4015 Van Buren Street
University Park, Maryland 20782
Phone: 301-927-6953
- Date and Place of Birth:** March 21, 1937
Los Angeles, California
- Marital Status:** Married (three children)
- Education:** Stanford University, 1954-1959 (M.A. in Economics, June 1959);
1962-1965 (Ph.D. in Economics, September 1965)
- Dissertation:** The Economics of Federalism: The Stabilization and Tax Harmonization Problems
- Fields of Specialization:** Public Finance (with a particular interest in State and Local Finance),
Environmental Economics, and Urban Economics
- Teaching Experience:** Instructor in Economics, San Diego State College, 1961-62 (Part-time while in U.S. Navy)
Instructor in Economics, San Jose State College, 1962-63 (Part-time while a graduate student at Stanford University)
Assistant Professor of Economics, Princeton University, 1965-71 (Bicentennial Preceptor, 1967-70)
Associate Professor of Economics, Princeton University, 1971-75
Professor of Economics, Princeton University, 1975-79
Professor of Economics, University of Maryland, 1979 to present

**Fellowships
and Awards:**

National Science Foundation Cooperative Fellowship, 1963-65
John Simon Guggenheim Fellowship, 1974-75
Senior Fulbright-Hays Research Scholar, 1974-75
BSOS College Award for Excellence in Teaching, 1985
University Fellow, Resources for the Future, 1988-
Award from the Association for Environmental and Resource Economists
in 1994 for a "Publication of Enduring Quality" for The Theory of
Environmental Policy
Elected to the Royal Norwegian Society of Sciences and Letters (1997)
Honorary Degree of Doctor of Economics from St. Gallen University,
Switzerland (June 2000)
Daniel M. Holland Medal, National Tax Association (Nov. 2002)
Association for Environmental and Resource Economists, Designation
as an AERE Fellow (Jan. 2006)
University of Maryland, Distinguished Scholar-Teacher Award (2006-07)
University of Maryland, Distinguished University Professor (2009-)

Selected Activities:

Temporary State Commission on the Constitutional Convention,
State of New York, 1966-67
Economic Policy Council of the State of New Jersey, 1968-70
Joint Economic Committee, U.S. Congress, 1971, 1978-79
Educational Testing Service, 1967-1980; Chairman, Committee for Graduate
Record Examination in Economics from 1975-80
European Economic Community, 1976
Department of Economic and Community Development, State of Maryland,
1978-1981
Organization for Economic Cooperation and Development (Environmental
Directorate), 1982-84
Economics Subpanel, National Science Foundation, 1983-84
National Advisory Committee, Institute of Government and Public Affairs,
University of Illinois, 1986-98
Arizona Joint Select Committee on State Revenues and Expenditures,
1988-89
Organization for Economic Cooperation and Development (Directorate for
Financial, Fiscal and Enterprise Affairs, 1990-92)
Editor, Series in New Horizons in Environmental Economics, Edward
Elgar Publishing Ltd., 1991-
U.S. Environmental Protection Agency, Science Advisory Board,
Environmental Economics Advisory Comm. (1992-95)
Board of Trustees, The Lincoln Foundation and the Lincoln Institute of
Land Policy, 1999-2007

Affiliations:

American Economic Association
National Tax Association
Association of Environmental and Resource Economists (Editorial Council 1986-8, 94-5)
Western Economic Association
Southern Economic Association (President, 1993-94)
Eastern Economic Association (President, 1989-90)
Board of Editors, Public Finance Review
International Institute of Public Finance
Board of Editors, Hacienda Publica Espanola

Selected Grants:

National Science Foundation, "The Design and Implementation of Market Incentives for Environmental Protection," 1981-82
National Science Foundation, "Markets for Pollution Control," 1983-84
National Science Foundation, "National or Local Standards for Environmental Quality?" 1985-87
Sloan Foundation, one of several principals for a grant to the Economics Department, U.M.) for the "Sloan Workshop in Urban Public Economics," Original grant period 1981-84; renewed for 1984-86
National Bureau of Economic Research, "Assistance to the Poor in a Federal System," with C. Brown, 1983
National Bureau of Economic Research, "The Evolution of the State and Local Sector in the United States: An Econometric Study," with J. Wallis, 1984
National Bureau of Economic Research, "Estimation of Demand Functions for Local Public Services: Issues in Specification and Interpretation," 1986
National Science Foundation, "Optimal Community Composition and the Provision of Local Public Goods," with R. Schwab, 1988-90
Lincoln Institute of Land Policy, "Urban Land Taxation: Fiscal Reform for the Economic Rejuvenation of Center Cities?" with R. Schwab, 1990-91

National Science Foundation, "Open Economy Environmental Economics," 1991-95
Lincoln Institute of Land Policy, "Property Taxation and Local Public Spending: A Public-Choice Perspective," 1998-2002
Lincoln Institute of Land Policy, "Conservation Voted: What is the American Electorate Revealing?" 2005-06

PUBLICATIONS

Books:

1. Fiscal Federalism (New York: Harcourt Brace Jovanovich, 1972). Translated into Spanish: Federalismo Fiscal (Madrid: Instituto de Estudios de Administracion Local, 1977). Chapter 1 translated into German as "Ein okonomischer Ansatz zum Foderalismusproblem," in G. Kirsch, ed., Federalismus (Stuttgart: Gustav Fisher Verlag, 1977), pp.15-26. Chapter 1 reprinted in S. Baker and C. Elliott, eds., Readings in Public Sector Economics (Lexington, Mass.: Heath, 1990), pp. 554-565. Reissued by Gregg Revivals (Aldershot, U.K., 1993). Chapter 1 translated into Spanish as "Un enfoque economico del Federalismo," in J. Corona, ed., Lecturas de Hacienda Publica (Madrid: Minerva, 1994), pp. 403-18. Japanese translation, Tokyo, 1997.
2. An Introduction to Econometrics: Principles and Applications, with H. Kelejian (New York: Harper and Row, 1974); Revised edition, 1981. [Portuguese translation: Introducao a Econometrica (Rio de Janeiro; Elsevier/North-Holland, 1978)]. Third Edition (1989).
3. The Theory of Environmental Policy, with W. Baumol (Englewood Cliffs, N.J.: Prentice-Hall, 1975). [Translated into Spanish: La Teoria de la Politica Economica del Medio Ambiente (Barcelona: St. Pere Claver, 1982)]. Second Edition (Cambridge: Cambridge University Press, 1988).
4. Edited jointly with E. Mills, Fiscal Zoning and Land Use Controls (Lexington, Mass.: Heath-Lexington, 1975).
5. Editor, Financing the New Federalism: Revenue Sharing, Conditional Grants, and Taxation (Baltimore: Johns Hopkins Press, 1975).
6. Editor, The Political Economy of Fiscal Federalism (Lexington, Mass.: Heath-Lexington, 1977).
7. Edited jointly with O. Ashenfelter, Essays in Labor Market Analysis (New York: Wiley, 1977).
8. Economics, Environmental Policy, and the Quality of Life, with W. Baumol (Englewood Cliffs, N.J.: Prentice-Hall, 1979). [Chapter 2 reprinted as "Long Run Trends in Environmental Quality," in J. Simon and H. Kahn, eds., The Resourceful Earth (Oxford: Basil Blackwell, 1984), Ch. 16, pp. 439-475; reprinted in J. Simon, ed., The State of Humanity (Oxford: Blackwells 1995), pp. 449-469. Book reissued by Gregg Revivals (Aldershot, U.K., 1993).
9. Studies in Fiscal Federalism (Aldershot, U.K.: Edward Elgar, 1991).
10. Editor, The Economics of the Environment (Aldershot, U.K.: Edward Elgar, 1992).
11. The Economics of Environmental Regulation (Aldershot, U.K.: Edward Elgar, 1996).
12. Editor, The Economics of Fiscal Federalism and Local Finance (Aldershot, U.K.: Edward Elgar, 1998).

13. Editor, The RFF Reader in Environmental and Resource Management (Washington, D.C.: Resources for the Future, 1999); Second Edition (2006).
14. Editor, Property Taxation and Local Government Finance: Essays in Honor of C. Lowell Harriss (Cambridge, Mass.: Lincoln Institute of Land Policy, 2001). Chinese translation, 2005.
15. Environmental Policy and Fiscal Federalism: Selected Essays of Wallace E. Oates (Aldershot, U.K.: Edward Elgar, 2004).

Monographs, Journal Articles, and Chapters in Books:

1. The Implications of International Economic Integration for Monetary, Fiscal, and Exchange-Rate Policy, with R. McKinnon (Princeton, N.J.: Princeton Studies in International Finance, No. 16, 1966).
2. "Budget Balance and Equilibrium Income: A Comment on the Efficacy of Fiscal and Monetary Policy in an Open Economy," Journal of Finance (Sept., 1966), 21, pp. 489-98.
3. "The Theory of Public Finance in a Federal System," Canadian Journal of Economics (Feb., 1968), 1, pp. 37-54.
4. "The Dual Impact of Federal Aid on State and Local Government Expenditures: A Comment," National Tax Journal (June, 1968), 21, pp. 220-23.
5. "The Rising Cost of Local Public Services: Some Evidence and Reflections," with D. Bradford and R. Malt, National Tax Journal (June, 1969), 22, pp. 185-202; Reprinted in Bobbs-Merrill Reprint Series in Economics, Econ-49; Reprinted in W. Patrick Beaton, ed., Municipal Needs, Services, and Financing (New Brunswick, N.J.: Center for Urban Policy Research, Rutgers University, 1974), pp. 223-40.
6. "The Effects of Property Taxes and Local Public Spending on Property Values: An Empirical Study of Tax Capitalization and the Tiebout Hypothesis," Journal of Political Economy (Nov./Dec., 1969), 77, pp. 957-71; reprinted in A. Atkinson, ed., Modern Public Finance (Aldershot, U.K.: Edward Elgar, 1991), pp. 344-58.
7. "The Incidence of Differential Property Taxes on Urban Housing: A Comment and Some Further Evidence," with J. Heinberg, National Tax Journal (March, 1970), 23, pp. 92-98.
8. "The Effectiveness of Graduate Students as Teachers of the Principles of Economics," with R. Quandt, Journal of Economic Education (Spring, 1970), 1, pp. 131-38.
9. "Group Size and the Output of Public Goods: Theory and an Application to State-Local Finance in the United States," with J. Litvack, Public Finance (No. 1, 1970), 25, pp. 42-62.

10. "The Analysis of Public Policy in Dynamic Urban Models," with W. Baumol and E. Howrey, Journal of Political Economy (Jan./Feb., 1971), 79, pp. 142-53.
11. "Towards a Predictive Theory of Intergovernmental Grants," with D. Bradford, American Economic Review (May, 1971), 61, pp. 440-48; Reprinted in Spanish translation, "Hacia una teoria predictiva de las subvenciones intergubernamentales," in A. Gimenez, ed., Financiacion de las Autonomias (Madrid: H. Blume Ediciones, 1979), pp. 143-62; Reprinted in B. Grewal, R. Mathews, and G. Brennan, eds., The Economics of Federalism (Canberra: Australian National University Press, 1980), pp. 321-333.
12. "The Analysis of Revenue Sharing in a New Approach to Collective Fiscal Decisions," with D. Bradford, Quarterly Journal of Economics (Aug., 1971), 85, pp. 416-39; Reprinted in Spanish translation, "El analisis de la participacion impositiva en el marco de las decisiones fiscales colectivas," in A. Gimenez, ed., Financiacion de las Autonomias (Madrid: H. Blume Ediciones, 1979), pp. 163-88.
13. "The Use of Standards and Prices for Protection of the Environment," with W. Baumol, Swedish Journal of Economics (March, 1971), 73, pp. 42-54; Reprinted in P. Bohm and A. Kneese, eds., The Economics of the Environment: Papers from Four Nations (New York: St. Martin's Press, 1972); Reprinted in Italian translation in P. Bohm and A. Kneese, eds., L'Economia Dell'Ambiente (Milano: Fra Angeli; editore, 1974), pp. 101-119; Reprinted in German translation in H. Siebert, ed., Umwelt und Wirtschaftliche Entwicklung (Darmstadt: Wissenschaftliche Buchgesellschaft, 1979), pp. 169-88; Reprinted in German translation in H. Moller et al., eds., Umweltökonomik: Beiträge zur Theorie und Politik (Verlagsgruppe, Athenaum, 1982), pp. 254-66; reprinted in W. Oates, ed. The Economics of the Environment (Aldershot, UK: Edward Elgar, 1992), pp. 161-73; Reprinted in Czech translation in P. Sauer and M. Livingston, eds., Ekonomic Zivotniho Prostredi a Ekologicka Politika (Praha, 1996), pp. 121-33; Reprinted in T. Tietenberg, ed., Environmental Instruments and Institutions (Edward Elgar, forthcoming).
14. "The Cost Disease of the Personal Services and the Quality of Life," with W. Baumol, Skandinaviska Enskilda Banken, Quarterly Review (No. 2, 1972), pp. 43-54; Reprinted in H. Hochman, ed., The Urban Economy (New York: Norton, 1976), pp. 41-56; Reprinted in Spanish translation, "La Enfermedad de Costes de los Servicios del Sector Publico," in A. Vinardell, ed., Teoria de la Democracia, una Aproximacion Economica (Madrid: Instituto de Estudios Fiscales, 1980), pp. 461-484.
15. "The Incidence of Differential Property Taxes on Rental Housing: An Addendum," with J. Heinberg, National Tax Journal (June, 1972), 25, pp. 221-22.
16. "The Effects of Property Taxes and Local Public Spending on Property Values: A Reply and Yet Further Results," Journal of Political Economy (July/Aug., 1973), 81, pp. 1004-08.
17. "Suburban Exploitation of Central Cities and Governmental Structure," with D. Bradford, in H. Hochman and G. Peterson, eds., Redistribution Through Public Choice (New York:

Columbia Univ. Press, 1974), pp. 43-90.

18. "The Instruments for Environmental Policy," with W. Baumol, in E. Mills, ed., Economic Analysis of Environmental Problems (New York: Columbia Univ. Press, 1975), pp. 95-128.

19. "Automatic Increases in Tax Revenues: Their Effect on the Size of the Public Budget," in W. Oates, ed., Financing the New Federalism: Revenue Sharing, Conditional Grants, and Taxation (Baltimore: Johns Hopkins Press, 1975), pp. 139-60.

20. "Conservation of Resources and the Price System," with W. Baumol, in R. Leiter and S. Friedlander, eds., Economics of Resources (New York: Cyrco Press 1976), pp. 15-35.

21. "The Uncertain Search for Environmental Quality," University of Pennsylvania Law Review (Jan., 1976), pp. 864-91.

22. "An Economist's Perspective on Fiscal Federalism," in W. Oates, ed., The Political Economy of Fiscal Federalism (Lexington, Mass.: Heath-Lexington, 1977), pp. 3-20. Reprinted in Edward C. Kienzle, Study Guide and Readings for Stiglitz's Economics of the Public Sector, Second Edition (New York: Norton, 1989), pp. 331-9.

23. "The Use of Local Zoning Ordinances to Regulate Population Flows and the Quality of Local Services," in O. Ashenfelter and W. Oates, eds., Essays in Labor Market Analysis (New York: Wiley, 1977), pp. 201-19.

24. "The Changing Structure of Intergovernmental Fiscal Relations," in H. Recktenwald, ed., Secular Trends of the Public Sector (Paris: Editions Cujas, 1978), pp. 151-60.

25. "The Use of Effluent Fees to Regulate Public-Sector Sources of Pollution: An Application of the Niskanen Model," with D. Strassmann, Journal of Environmental Economics and Management (Sept., 1978), 5, pp. 283-91.

26. "Lump-Sum Intergovernmental Grants Have Price Effects," in P. Mieszkowski and W. Oakland, eds. Fiscal Federalism and Grants-in-Aid (Washington, D.C.: The Urban Institute, 1979), pp. 23-30.

27. "The Role of Intergovernmental Grants in the U.S. Economy with Special Attention to Countercyclical Policy," in Joint Economic Committee, U.S. Congress, Special Study on Economic Change, Volume 6, Federal Finance: The Pursuit of American Goals (Washington, D.C.: U.S. Government Printing Office, Dec. 23, 1980), pp. 331-357.

28. "Fiscal Structure in the Federal System," in J. Aronson and E. Schwartz, eds., Management Policies in Local Government Finance, Second Edition (Washington, D.C.: International City Management Association, 1981), Ch. 11, pp. 234-254. Third Edition (1987), pp. 51-73. Fourth edition (1996), pp. 58-76. Fifth edition (2004), pp. 39-60.

29. "On Local Finance and the Tiebout Model," American Economic Review (May, 1981), 71,

pp. 93-98.

30. "Corrective Taxes and Auctions of Rights in the Control of Externalities: Some Further Thoughts," Public Finance Quarterly (Oct., 1981), 9, pp. 471-478.

31. "Efficiency in Pollution Control in the Short and Long Runs: A System of Rental Emission Permits," with R. Collinge, Canadian Journal of Economics (May, 1982), 15, pp. 346-354.

32. "The New Federalism: An Economist's View," The Cato Journal (Fall, 1982), 2, pp. 473-488.

33. "On Marketable Air-Pollution Permits: The Case for a System of Pollution Offsets," with A. Krupnick and E. Van De Verg, Journal of Environmental Economics and Management (September, 1983), 10, pp. 233-247. [An earlier draft of this paper appeared in E. Joeres and M. David, eds., Buying a Better Environment, Land Economic Monograph No. 6 (Madison, Wisc.: University of Wisconsin Press, 1983), pp. 7-23.]

34. "The Regulation of Externalities: Efficient Behavior by Sources and Victims," Public Finance (No. 3, 1983), 38, pp. 362-375.

35. "Effluent Fees and Market Structure," with D. Strassmann, Journal of Public Economics (June, 1984), 24, pp. 29-46; reprinted in W. Oates, ed. The Economics of the Environment (Aldershot, UK: Edward Elgar, 1992), pp. 261-78.

36. "Economic Incentives for Environmental Management: The Recent U.S. Experience," in H. Schneider and R. Sprenger, eds., Mehr Umweltschutz fur Weniger Geld (Munich: Ifo-Institut fur Wirtschaftsforschung, 1984), pp. 459-491.

37. "The Public Sector in Economics: An Analytical Chameleon," in H. Hanusch, et al., eds., Public Sector and Political Economy Today (Stuttgart: Gustav Fischer Verlag, 1985), pp. 45-58.

38. "The Environment and the Economy: Environmental Policy at the Crossroads," in J. Quigley and D. Rubinfeld, eds., American Domestic Priorities: An Economic Appraisal (Berkeley, University of California Press, 1985), pp. 311-345.

39. "Searching for Leviathan: An Empirical Study," American Economic Review (Sept. 1985), 75, pp. 748-57.

40. "Marketable Permits for the Prevention of Environmental Deterioration," with A. McGartland, Journal of Environmental Economics and Management (Sept. 1985), 12, pp. 207-228.

41. "Marketable Pollution Permits and Acid Rain Externalities: A Comment and Some Further Evidence," with A. McGartland, Canadian Journal of Economics (Aug., 1985), 18, pp. 668-675.

42. "Fiscal Limitations: An Assessment of the U.S. Experience," in E. Gramlich and B. Ysander, eds., Control of Local Government (Stockholm: The Industrial Institute for Economic and Social Research, 1985), pp. 91-136.
43. "Market Incentives for Environmental Protection: A Survey of Some Recent Developments," in M. Peston and R. Quandt, eds., Prices, Competition, and Equilibrium (London: Philip Allen, 1986), pp. 251-267.
44. "Assistance to the Poor in a Federal System," with C. Brown, Journal of Public Economics (April 1987), 32, pp. 307-330.
45. "On the Nature and Measurement of Fiscal Illusion: A Survey," in G. Brennan et al., eds., Taxation and Fiscal Federalism: Essays in Honour of Russell Mathews (Sydney: Australian National University Press, 1988), pp. 65-82.
46. "On the Measurement of Congestion in the Provision of Local Public Goods," Journal of Urban Economics (July, 1988), 24, pp. 85-94.
47. "Decentralization in the Public Sector: An Empirical Study of State and Local Government," with J. Wallis, in H. Rosen, ed., Fiscal Federalism: Quantitative Studies (Chicago: University of Chicago Press, 1988), pp. 5-28.
48. "A Pollution Tax Makes Sense," in H. Stein, ed., Tax Policy in the Twenty-First Century (New York: Wiley, 1988), pp. 253-265.
49. "Economic Competition Among Jurisdictions: Efficiency-Enhancing or Distortion-Inducing?" with R. Schwab, Journal of Public Economics (April, 1988), 35, pp. 333-354.
50. "Does Economic Sclerosis Set in with Age? An Empirical Study of the Olson Hypothesis," with J. Wallis, Kyklos (No. 3, 1988), 41, pp. 397-417.
51. "Searching for Leviathan: A Reply and Some Further Reflections,": American Economic Review (June 1989), 79, pp. 578-583.
52. "The Net Benefits of Incentive-Based Regulation: A Case Study of Environmental Standard Setting," with P. Portney and A. McGartland, American Economic Review (Dec., 1989), 79, pp. 1233-1242. Reprinted in T. Tietenberg, ed., Environmental Instruments and Institutions (Edward Elgar, 1999).
53. "Decentralization of the Public Sector: An Overview," in R. Bennett, ed., Decentralisation, Local Governments, and Markets (Oxford: Oxford University Press, 1990), pp. 43-58.
54. "Economics, Economists, and Environmental Policy," (Presidential Address to the Eastern Economic Association), Eastern Economic Journal (Oct./Dec., 1990), 16, pp.289-296.
55. "Community Composition and the Provision of Local Public Goods: A Normative

- Analysis," with R. Schwab, Journal of Public Economics (March, 1991), 44, pp. 217-237.
56. "The Allocative and Distributive Implications of Local Fiscal Competition," with R. Schwab, in D. Kenyon and J. Kincaid, eds., Competition Among States and Local Governments (Washington, D.C.: The Urban Institute, 1991), pp. 127-145.
57. "The Theory and Rationale of Local Property Taxation," in T. McGuire and D. Naimark, eds., State and Local Finance for the 1990s: A Case Study of Arizona (Tempe, Arizona: School of Public Affairs, Arizona State University, 1991), pp. 407-424.
58. "Fiscal Federalism: An Overview," in R. Prud'homme, ed., Public Finance with Several Levels of Government (The Hague: Foundation Journal Public Finance, 1991), pp. 1-18.
59. "Economic Incentives and the Containment of Global Warming," with P. Portney, Eastern Economic Journal (Winter, 1992) 18, pp. 85-98.
60. "Environmental Economics: A Survey," with M. Cropper, Journal of Economic Literature (June, 1992) 30, pp. 675-740. Reprinted in R. Stavins, ed., Economics of the Environment: Selected Readings, Fourth Edition (New York: Norton, 2000), pp. 50-130. Reprinted in M. Hoel, ed., Recent Developments in Environmental Economics (Aldershot, U.K.: Edward Elgar, 2004), pp. 3-68.
61. "Global Environmental Management: Towards an Open Economy Environmental Economics," in Environment, Ethics, Economics and Institutions (Milan: Cariplo, 1992), pp. 144-160.
62. "Measuring Peer Group Effects: A Study of Teenage Behavior," with W. Evans and R. Schwab, Journal of Political Economy (October, 1992) 100, pp. 966-991.
63. "Pollution Charges as a Source of Public Revenues," in H. Giersch, ed., Economic Progress and Environmental Concerns (Berlin: Springer-Verlag, 1993), pp. 135-152.
64. "Fiscal Decentralization and Economic Development," National Tax Journal (June 1993), 46, pp. 231-237; Reprinted in J. Slemrod, ed., Tax Policy In the Real World (Cambridge: Cambridge University Press, 1999), pp. 171-177.
65. "Federalism and Government Finance," in J. Quigley and E. Smolensky, eds., Modern Public Finance (Cambridge, Mass.: Harvard University Press, 1994), pp. 126-151.
66. "Environment and Taxation: The Case of the United States," in Environment and Taxation: The Cases of the Netherlands, Sweden, and the United States (Paris: OECD, 1994), pp. 103-143.
67. "Green Taxes: Can We Protect the Environment and Improve the Tax System at the Same Time?" (Presidential Address to the Southern Economic Association), Southern Economic Journal (April 1995) 61, pp. 915-922; Reprinted in S. James, ed., Taxation: Critical Perspectives on the World Economy, Vol. II (London: Routledge, 2002), pp. 136-146.

68. "Tightening Environmental Standards: The Benefit-Cost or the No-Cost Paradigm?" with K. Palmer and P. Portney, Journal of Economic Perspectives (Fall 1995), 9, pp. 119-132. Reprinted in R. Stavins, ed., Economics of the Environment, Selected Readings, Fourth Edition (New York: Norton, 2000), pp. 203-216, and Fifth Edition (2005), pp. 115-128.
69. "The Theory of Regulatory Federalism: The Case of Environmental Management," with R. Schwab, in W. Oates, The Economics of Environmental Regulation (Aldershot, U.K.: Edward Elgar, 1996), pp. 319-331.
70. "Estimating the Demand for Public Goods: The Collective Choice and Contingent Valuation Approaches," in D. Bjornstad and J. Kahn, eds., The Contingent Valuation of Environmental Resources (Aldershot, U.K.: Edward Elgar, 1996), pp. 211-230.
71. "Taxation in a Federal System: The Tax-Assignment Problem," Public Economics Review (June 1996) 1, pp. 35-60.
72. "Asymmetries in the Response to Increases and Decreases in Intergovernmental Grants: Some Empirical Findings," with S. Gamkhar, National Tax Journal (Dec. 1996) 49, pp. 501-512.
73. "The Impact of Urban Land Taxation: The Pittsburgh Experience," with R. Schwab, National Tax Journal (March 1997) 50, pp. 1-21.
74. "On Environmental Federalism," University of Virginia Law Review (October 1997) 83, pp. 1321-1329.
75. "The Impact of the New Deal on American Federalism," with J. Wallis, in Michael Bordo et al., eds., The Defining Moment: The Great Depression and the American Economy in the 20th Century (Chicago: University of Chicago Press for the National Bureau of Economic Research, 1998), pp. 155-180.
76. "The Pittsburgh Experience with Land Value Taxation," with R. Schwab, in H. Ladd, ed., Local Government Tax and Land Use Policies in the United States (Aldershot, U.K.: Edward Elgar, 1998), pp. 133-143.
77. "Environmental Policy in the European Community: Harmonization or National Standards?" Empirica (No. 1, 1998), 25, pp. 1-13.
78. "Environmental Federalism and European Union: Some Reflections," The European Union Review (July 1998), 3, pp. 7-15. Reprinted in Italian translation in A. Majocchi and D. Velo, eds., Federalismo Fiscale: Una Nuova Sfida per L'Europa (Padova: Cedam, 1999), pp. 5-16.
79. "On Environmental Gloom and Doom," with P. Portney, Environment and Development Economics 3 (Oct., 1998), pp. 529-532.
80. "On the Welfare Gains from Fiscal Decentralization," Journal of Public Finance and Public Choice (1997) 2-3, pp. 83-92.

81. "An Essay on Fiscal Federalism," Journal of Economic Literature (Sept. 1999), 37, pp. 1120-1149. Reprinted in S. James, ed., Taxation: Critical Perspectives on the World Economy, Vol. I (London: Routledge, 2002), pp. 373-409. Reprinted in M. Baimbridge and P. Whyman, eds., Fiscal Federalism and European Economic Integration (London: Routledge, 2004), pp. 13-47. Reprinted in P. Cheshire and G. Duranton, eds., Recent Developments in Urban and Regional Economics (Aldershot, U.K.: Edward Elgar, 2005).
82. "Policy Analysis in the Presence of Distorting Taxes," with I. Parry, Journal of Policy Analysis and Management (Fall 2000), 19, pp. 603-613; Reprinted in L. Goulder, ed., Environmental Policy Making in Economies with Prior Tax Distortions (Cheltenham, U.K.: Edward Elgar, 2002), pp. 3-13.
83. "From Research to Policy: The Case of Environmental Economics," University of Illinois Law Review, No. 1, 2000, pp. 135-153. Reprinted in the International Journal of Urban Sciences, 4 (1), 2000, pp. 1-15. Reprinted in R. Stavins, ed., The Political Economy of Environmental Regulation (Cheltenham, U.K.: Edward Elgar, 2004), pp. 514-532.
84. "Fiscal Competition and European Union: Contrasting Perspectives," Regional Science and Urban Economics (April 2001), 31, pp. 133-145.
85. "Fiscal Competition or Harmonization: Some Reflections," National Tax Journal (Sept., 2001), 54, pp. 507-512.
86. "Fiscal and Regulatory Competition: Theory and Evidence," Perspektiven der Wirtschaftspolitik (2002), 3, pp. 377-390.
87. "A Reconsideration of Environmental Federalism," in J. List and A. de Zeeuw, eds., Recent Advances in Environmental Economics (Cheltenham, U.K.: Edward Elgar, 2002), pp. 1-32.
88. "The Political Economy of Environmental Policy," with P. Portney, in K.G. Maler and J. Vincent, eds., Handbook of Environmental Economics (Amsterdam: Elsevier, 2003), pp. 325-354.
89. "Fiscal Federalism and European Union: Some Reflections," in D. Franco and A. Zanardi, eds., I Sistemi di Welfare Tra Decentramento Regionali e Integrazione Europea (Milan: Franco Angeli, 2003), pp. 15-26.
90. "Federalism and Public-Sector Performance: An Economist's View," in R. Blindenbacher and A. Koller, eds., Federalism in a Changing World-Learning from Each Other (Montreal: McGill-Queens University Press, 2003), pp. 39-50.
91. "What Should Local Governments Tax: Income or Property?" with Robert M. Schwab, in A. Schwartz, ed., City Taxes, City Spending: Essays in Honor of Dick Netzer (Cheltenham, U.K.:

Edward Elgar, 2004), pp. 7-29.

92. "Toward an Integrated Theory of Open-Economy Environmental and Trade Policy," with A. Panagariya, K. Palmer, and A. Krupnick, in W. Oates, Environmental Policy and Fiscal Federalism (Cheltenham, U.K.: Edward Elgar, 2004), pp. 100-121.

93. "Property Taxation and Local Public Spending: The Renter Effect," Journal of Urban Economics (2005) 57, pp. 419-431.

94. "Toward a Second-Generation Theory of Fiscal Federalism," International Tax and Public Finance (August 2005) 12, pp. 349-374.

95. "The Many Faces of the Tiebout Model," in W. Fischel, ed., The Tiebout Model at Fifty: Essays in Public Economics in Honor of Wallace Oates (Cambridge, MA: Lincoln Insitutue of Land Policy, 2006), pp. 28-45.

96. "Decentralization in the EU Emissions Trading Scheme and Lessons for Global Policy," with J. Kruger and W. Pizer, Review of Environmental Economics and Policy (Winter 2007) 1, pp. 112-133.

97. "On the Evolution of Fiscal Federalism: Theory and Institutions," National Tax Journal (June 2008) 61, pp. 313-334.

98. "On the Theory and Practice of Fiscal Decentralization," in A. Auerbach and D. Shaviro, eds., Institutional Foundations of Public Finance: Economic and Legal Perspectives (Cambridge, MA: Harvard University Press, 2008), pp. 165-189.

99. "Remembering Richard Musgrave," Journal of Public Finance and Public Choice (forthcoming).

Book Reviews:

1. G.L.S. Shackle, A Scheme of Economic Theory, for the Canadian Journal of Economics and Political Science (August 1966), pp. 407-8.

2. George Break, Intergovernmental Fiscal Relations in the United States, for the American Economic Review (September 1967), pp. 956-57.

3. Bernard Herber, Modern Public Finance, for the Journal of Finance (June 1968), pp. 585-87.

4. James Buchanan, The Demand and Supply of Public Goods, for the Journal of Economic Literature (March 1969), pp. 103-4.

5. Balbir Sahni, Public Expenditure Analysis: Selected Readings, for the Journal of Finance

(September 1973), p. 1075.

6. Albert Breton, The Economic Theory of Representative Government, for the Canadian Journal of Economics (February 1975), pp. 146-48.

7. Alan Blinder, et. al., The Economics of Public Finance, for the Journal of Economic Literature (December 1975), pp. 1356-9.

8. Elizabeth Bailey, ed., Selected Economic Writings of William J. Baumol, for Zeitschrift fur Nationalokonomie (Dec., 1977), pp. 417-19.

9. Thomas Schelling, ed., Incentives for Environmental Protection, for the Journal of Economic Literature (December, 1983), pp. 1545-7.

10. C.E. Reese, Deregulation and Environmental Quality: The Use of Tax Policy to Control Pollution in North America and Western Europe, for Environment and Planning C: Government and Policy (No. 4, 1984), p. 485.

11. F. Forte and A. Peacock, eds., Public Expenditure and Government Growth, for the Journal of Policy Analysis and Management (Winter, 1987), pp. 270-3.

12. R. Dornbusch and J. Poterba, eds., Global Warming: Economic Policy Responses, for the Eastern Economic Journal 18 (Fall, 1992), pp. 486-490.

13. A. Rivlin, Reviving the American Dream: The Economy, the States, and the Federal Government, for the Journal of Policy Analysis and Management 12 (Fall 1993), pp. 808-811.

14. M.S. Anderson, Governance by Green Taxes: Making Pollution Prevention Pay for the Journal of Economic Literature 34 (June 1996), pp. 815-817.

15. J. Buchanan and R. Musgrave, Public Finance and Public Choice: Two Contrasting Visions of the State, for Regulation 23 (No. 4, 2000), pp. 40-44.

16. D. Wellisch, Theory of Public Finance in a Federal State, for the Journal of Economics 73 (No. 1, 2001), pp. 108-111.

17. J. Rodden et al, eds., Fiscal Decentralization and the Challenge of Hard Budget Constraints, for the National Tax Journal 59 (June 2006), pp. 389-396.

Reports, Notes, and Other Publications:

1. "The Theory and Practice of Bond Finance," Second Annual Report of the Economic Policy Council and Office of Economic Policy (Trenton: State of New Jersey, June, 1969), pp. 21-29.

2. "The Local Public Finances of New Jersey: Problems and Prospects," Second Annual Report..., pp. 30-38.
3. "The Costs of Foundation-Supported Activities," Foundation News (July/Aug., 1973), pp. 35-41.
4. "Federalism and Intergovernmental Problems of Urban Finance: Discussion," in Issues in Urban Public Finance (Institut International de Finances Publiques, Saarbrucken, 1973), pp. 124-7.
5. "Fiscal Federalism in Theory and Practice: Applications to the European Community," Report of the Study Group on the Role of Public Finance in European Integration, Vol. II (Brussels: Commission of the European Communities, 1977) pp. 279-318.
6. "The Growth of Public Sector Employment: The Case of the U.K.: Comment," Fiscal Policy and Labour Supply (Bath: The Institute for Fiscal Studies, 1977), pp. 103-4.
7. "On Taxation and Recycling of Tax Revenues in a Program of Energy Conservation," Testimony before the Senate Subcommittee on Administration of the Internal Revenue Code, with W. Baumol (June, 1977).
8. "Evaluating Antirecession Fiscal Assistance: Comments," Conference Report on Evaluating the 1977 Economic Stimulus Package (Washington, D.C.: U.S. Department of Labor, 1978), pp. 74-77.
9. "Decentralization, Bureaucracy, and Government: Discussion," American Economic Review (May 1978), pp. 262-3.
10. "Capitalization Session: Discussion," National Tax Journal (June, 1979, Supplement), pp. 111-112.
11. "Discussion of Thomas C. Heller...", in D. Rubinfeld, ed., Essays on the Law and Economics of Local Government (Washington, D.C.: The Urban Institute, 1979), pp. 252-253.
12. "Intergovernmental Grants and Revenue Sharing: Theory and Evidence," University of Leicester Public-Sector Economics Research Centre Discussion Paper No. 79/07.
13. "Discussion of Musgrave and Brennan...", in Helen F. Ladd and T. Nicholas Tideman, eds., Tax and Expenditure Limitations (Washington, D.C.: The Urban Institute, 1981), pp. 139-142.
14. "Commentary," in Mancur Olson, ed., A New Approach to the Economics of Health Care (Washington, D.C.: American Enterprise Institute, 1981), pp. 413-418.
15. "The Effectiveness of Effluent Charges Where 'Industry' Structure Varies," with D.

Strassmann, in J. Cumberland, J. Hibbs, and I. Hoch, eds., The Economics of Managing Chlorofluorocarbons: Stratospheric Ozone and Climate Issues (Washington, D.C.: Resources for the Future, 1982), pp. 455-481.

16. "Strengths and Weaknesses of the New Federalism," in W. Stubblebine and T. Willett, eds., Reagonomics: A Midterm Report (San Francisco: Institute for Contemporary Studies, 1983), pp. 153-157.

17. "Commentary," in C. McLure, Jr., ed., Tax Assignment in Federal Countries (Canberra: Australian National University, 1983), pp. 94-97, 228-230.

18. "Markets for Pollution Control," Challenge (May/June, 1984), pp. 11-17.

19. "Some Reflections on Market Incentives for Pollution Control," Association of Environmental and Resource Economists Newsletter (June, 1984), pp. 2-5.

20. "Markets and Externalities: A Comment," in Daniel Bromley, ed., Natural Resource Economics: Policy Problems and Contemporary Analysis (Amsterdam: Klumer-Nijoff), 1986, pp. 69-78.

21. "The Management of the Chesapeake Bay: Alternative Structures for Decision-Making," with D. Mueller, in Eric Van De Verg, ed., Proceedings of the Second Annual Conference on the Economics of Chesapeake Bay Management (Annapolis, May, 1987).

22. "Property Taxation," in J. Eatwell et al., eds., The New Palgrave (London: MacMillan, 1988), pp. 1034-1035.

23. "Statement," in Sulfur and Nitrogen Emissions Tax Act of 1987, Hearings before the House Ways and Means Committee on H.R. 2497, September 9, 1987, (Serial 100-41) (Washington, D. C. : U.S. G.P.O, 1988), pp. 157-159.

24. "Taxing Pollution: An Idea Whose Time Has Come?" Resources 91 (Spring, 1988), pp. 5-7.

25. "And One More Reply," Journal of Environmental Economics and Management (Sept., 1988) 15, pp. 384-5.

26. "Should Pollution Be Taxed?" Economic Impact No. 4 (1988), pp. 27-31.

27. "El Mercado Como Agente de la Descontaminacion Ambietal," Estudios Publicos (Fall, 1989), 34, pp. 147-163.

28. "A Layman's Guide to the Theory of Local Property Taxation," in Arizona Joint Select Committee on State Revenues and Expenditures, Final Report (Nov., 1989), pp. 625-645.

29. "Economic Incentives for Controlling Greenhouse Gases," with P. Portney, Resources (Spring 1991), pp. 13-16.

30. "Comment on 'Conflicts and Dilemmas of Decentralization' by Rudolf Hommes," in M. Bruno and B. Pleskovic, eds., Annual World Bank Conference on Development Economics, 1995 (Washington, D.C.: The World Bank, 1996), pp. 351-353.
31. "On the Reform of Fiscal Federalism in Argentina," Report for the World Bank (March 1997).
32. "Thinking About Environmental Federalism," Resources (Winter 1998) 130, pp. 14-16.
33. "Environmental Federalism in the United States: Principles, Problems, and Prospects," Report for the National Center for Environmental Decision-Making Research (January 1998).
34. "Comments" on A. Shah, "Fostering Fiscally Responsive and Accountable Governance: Lessons from Decentralization," in R. Picciotto and E. Wiesner, eds., Evaluation and Development: The Institutional Dimension (World Bank, 1998), pp. 97-101.
35. "Mancur Olson: A Personal Recollection," Public Choice Studies (No. 31, 1998), pp. 25-25 (in Japanese translation). Reprinted in English as "Remembering Mancur Olson," Southern Economic Journal (Jan. 2000) 66, pp. 793-794.
36. "Tiebout Model," with R. Schwab, in J. Gravelle and J. Cordes, eds., Encyclopedia of Taxation and Tax Policy (Washington, D.C.: The Urban Institute, 1999).
37. "Local Property Taxation: An Assessment," Land Lines (May 1999), 11, pp. 1-3. Reprinted in Assessment Journal (Sept./Oct. 1999), pp. 54-56.
38. "Forty Years in an Emerging Field: Economics and Environmental Policy in Retrospect," Resources (Fall 1999), 137, pp. 8-11.
39. "Comments" on E. Mills, "A Thematic History of Urban Economic Analysis," in W. Gale and J. Pack, eds., Brookings-Wharton Papers on Urban Affairs, 2000 (Washington, D.C.: Brookings, 2000), pp. 43-47.
40. "The Arsenic Rule: A Case for Decentralized Standard Setting?" Resources (Spring 2002), 147, pp.16-18.
41. "Voting for Conservation: What is the American Electorate Revealing?" (with four co-authors), Resources (Winter 2006), pp. 7-12.