

Ian W.H. Parry

Address

Resources for the Future
1616 P Street, Washington, DC 20036
Phone: (202) 328-5151
email parry@rff.org; web: www.rff.org

Personal Details

Born in Leeds, England, 1965
Married to Taryn Parry
Children: Shannan,
Alexander, Meghan

Education

Ph.D., Economics, University of Chicago, 1993. Advisors: Gary Becker, Sherwin Rosen, George Tolley.
M.A., Economics, University of Warwick (U.K.), 1987.
B.A. Economics (first-class honors), University of Sheffield (U.K.), 1986.

Professional Experience

Fellow, Resources for the Future, Washington, DC, 1995-present (senior fellow since 2003).
Adjunct Professor, Department of Economics, Georgetown University, Washington, DC 1996-7.
Research Fellow, Economic Research Service, US Department of Agriculture, Washington, DC, 1993-5.
Professor, Center for Economic Research and Graduate Education, Prague, Czech Republic, 1992-93.
Lecturer, Department of Economics, Australian National University, Canberra, Australia, 1991.
Lecturer, Department of Economics, University of Chicago, Chicago, 1990.

Journal Articles

1. "Fiscal Interactions and the Costs of Pollution Control from Electricity." *RAND Journal of Economics* 36: 850-870, 2006.
2. "Comparing the Welfare Effects of Public and Private Health Care Subsidies in the United Kingdom." *Journal of Health Economics* 24: 1191-1209, 2005.
3. "Does Britain or The United States Have the Right Gasoline Tax?" (With Kenneth A. Small). *American Economic Review* 95: 1276-1289, 2005.
4. "Is Pay-as-You-Drive Insurance a Better Way to Reduce Gasoline than Gasoline Taxes?" *American Economic Review Papers and Proceedings* 288-293, 2005.
5. "Comparing Alternative Policies to Reduce Traffic Accidents." *Journal of Urban Economics* 56: 346-368, 2004.
6. "Are Emissions Permits Regressive?" *Journal of Environmental Economics and Management* 47: 364-387, 2004.
7. "The Economics of Fuel Economy Standards." (With Paul R. Portney, Howard K. Gruenspecht, and Winston Harrington) *Journal of Economic Perspectives* 17 (Fall): 203-217, 2003.
8. "Fiscal Interactions and the Case for Carbon Taxes Over Grandfathered Carbon Permits." *Oxford Review of Economic Policy* 19: 385-399, 2003.

Reprinted in Dieter Helm (ed.), *Climate Change Policy*, Oxford University Press, 218-327, 2005.

9. "How Large are the Welfare Losses from Tax Competition?" *Journal of Urban Economics* 54: 39-60, 2003.
10. "How Large are the Welfare Gains from Technological Innovation Induced by Environmental Policies?" (With William A. Pizer and Carolyn Fischer). *Journal of Regulatory Economics* 23: 237-255, 2003.
11. "Instrument Choice for Environmental Protection when Technological Innovation is Endogenous." (With Carolyn Fischer and William A. Pizer). *Journal of Environmental Economics and Management* 45: 523-545, 2003.
12. "On the Costs of Excise Taxes and Income Taxes in the UK." *International Tax and Public Finance* 10: 281-304, 2003.
13. "On the Implications of Technological Innovation for Environmental Policy." *Environment and Development Economics* 8: 57-76, 2003.
14. "Funding Transportation Spending in Metropolitan Washington, DC: The Costs of Alternative Revenue Sources." *Journal of Urban Economics* 52: 362-390, 2002.
15. "Tax Deductions and the Marginal Welfare Cost of Taxation." *International Tax and Public Finance* 9: 531-551, 2002.
16. "Comparing the Efficiency of Alternative Policies for Reducing Traffic Congestion." *Journal of Public Economics* 85: 333-362, 2002.
17. "Estimating the Welfare Effect of Congestion Taxes: The Critical Importance of other Distortions within the Transport System." (With Antonio M. Bento). *Journal of Urban Economics* 51: 339-365, 2002.
18. "Early Emission Reduction Programs: An Application to CO2 Policy." (With Michael Toman). *Energy Journal* 23: 73-96, 2002.
19. "Revenue Recycling and the Welfare Effects of Road Pricing." (With Antonio M. Bento). *Scandinavian Journal of Economics* 103: 645-671, 2001.
20. "The Costs of Restrictive Trade Policies in the Presence of Factor Tax Distortions." *International Tax and Public Finance* 8: 147-170, 2001.
21. "Tax Deductions, Environmental Policy, and the "Double Dividend" Hypothesis." (With Antonio M. Bento). *Journal of Environmental Economics and Management* 39: 67-96, 2000.
Reprinted in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
22. "Policy Analysis in the Presence of Distorting Taxes." (With Wallace E. Oates). *Journal of Policy Analysis and Management* 19: 603-614, 2000.
Reprinted in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002 and in W. Oates (ed.), *Environmental Policy and Fiscal Federalism: Selected Essays of Wallace E. Oates*, Edward Elgar, forthcoming.

23. "The Cost-Effectiveness of Alternative Instruments for Environmental Protection in a Second-Best Setting." (With Lawrence H. Goulder, Dallas Burtraw and Roberton C. Williams). *Journal of Public Economics* 72: 329-360, 1999.
Reprinted in M. Hoel (ed.), *Recent Developments in Environmental Economics*, Edward Elgar, Northampton, MA, 329-360, 2003 and in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
24. "A Second-Best Evaluation of Eight Policy Instruments to Reduce Carbon Emissions." (With Roberton C. Williams). *Resource and Energy Economics* 21: 347-373, 1999.
Reprinted in M.A. Toman and B. Sohngen, *Climate Change*, International Library of Environmental Economics and Policy Series, Ashgate Publishing, Aldershot, UK, forthcoming.
25. "When Can Carbon Abatement Policies Increase Welfare? The Fundamental Role of Distorted Factor Markets." (With Lawrence H. Goulder and Roberton C. Williams). *Journal of Environmental Economics and Management* 37: 52-84, 1999.
Reprinted in T. Tietenberg (ed.), *The Theory and Decisions of Emissions Trading Programs*, International Library of Environmental Economics and Policy Series, Ashgate Publishing, Aldershot, UK, 2002, and in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
26. "Agricultural Policies in the Presence of Distorting Taxes." *American Journal of Agricultural Economics* 81: 212-230, 1999.
27. "Pollution Regulation and the Efficiency Gains from Technological Innovation." *Journal of Regulatory Economics* 14: 229-254, 1998.
28. "A Second Best Analysis of Environmental Subsidies." *International Tax and Public Finance* 5: 157-74, 1998.
Reprinted in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
29. "Revenue-Raising vs. Other Approaches to Environmental Protection: The Critical Significance of Pre-Existing Tax Distortions." (With Lawrence H. Goulder and Dallas Burtraw). *RAND Journal of Economics* 28: 708-31, 1997.
Reprinted in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
30. "Environmental Taxes and Quotas in the Presence of Distorting Taxes in Factor Markets." *Resource and Energy Economics* 19: 203-20, 1997.
Reprinted in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
31. "Pollution Taxes and Revenue Recycling." *Journal of Environmental Economics and Management* 29: S64-S77, 1995.
Reprinted in L. Goulder (ed.), *Environmental Policy Making in Economies with Prior Tax Distortions*, Edward Elgar, Northampton, MA, 2002.
32. "Optimal Pollution Taxes and Endogenous Technological Progress." *Resource and Energy Economics* 17: 69-85, 1995.

33. "Public Expenditure Policy and the Environment: A Review and Synthesis." (With Sanjeev Gupta and Kenneth Miranda). *World Development* 23: 515-28, 1995.
34. "Some Estimates of the Insurance Value Against Climate Change from Reducing Greenhouse Gas Emissions." *Resource and Energy Economics* 15: 99-115, 1993.

Book Chapters and Reports

1. "The Incidence of Pollution Control Policies." (With Hilary Sigman, Margaret Walls and Roberton C. Williams). In Tom Tietenberg and Henk Folmer (eds.), *The International Yearbook of Environmental and Resource Economics*, Edward Elgar, Northampton, MA, forthcoming.
2. *Economic Impacts of Tightening the Corporate Average Fuel Economy Standards*. (With Carolyn Fischer and Winston Harrington). Report prepared for the US Environmental Protection Agency and the National Highway Traffic Safety Administration, 2005.
3. "Welfare and Distributional Effects of HOT Lanes and other Road Pricing Policies in Metropolitan Washington DC." (With Elena Safirova, Kenneth Gillingham, Peter Nelson, Winston Harrington, and David Mason). In Georgina Santos (ed.), *Road Pricing: Theory and Practice, Research in Transportation Economics* 9, Elsevier: 179-206, 2004.
4. *The Costs of US Oil Dependency*. (With Joel Darmstadter). Report prepared for National Commission on Energy Policy, 2003.
5. *Adjusting Carbon Cost Analyses to Account for Prior Tax Distortions*. Report prepared for Environmental Protection Agency, 2001.
6. "Revenue Recycling and the Costs of Reducing Carbon Emissions." In M.A. Toman (ed.), *Climate Change Economics and Policy: An RFF Anthology*, Resources for the Future, Washington, DC: 119-124, 2001.
7. "Greenhouse Gas "Early Reduction" Programs: A Critical Appraisal." (With Michael Toman). In M.A. Toman (ed.), *Climate Change Economics and Policy: An RFF Anthology*, Resources for the Future, Washington, DC: 191-197, 2001.
8. "Productivity Trends in the Natural Resource Industries: A Crosscutting Analysis." In D. Simpson (ed.) *Understanding Productivity Change in Natural Resource Industries*, pp. 175-204, Resources for the Future: Washington, D.C., 1999.
9. "Carbon Abatement: Lessons from Second-Best Economics." In B.A. Kuhn and G. Frisvold (eds.), *Global Environmental Change and Agriculture: Assessing the Impacts*, pp. 327-346, Edward Elgar: Northampton, MA, 1999. Reprinted in P.G. Fredriksson (ed.), *Trade, Global Policy and the Environment*, World Bank, Washington, DC, 1999.
10. "Agricultural Adaptation to Climate Change: Issues of Long Run Sustainability." (With David Schimmelpennig, Jan Lewandrowski, John Reilly and Mariano Tsigas) *Agricultural Economic Report* No. 740, U.S. Department of Agriculture, Washington, DC, 1996.

Shorter Articles

1. "The Uneasy Case for Higher Gasoline Taxes." *Milken Institute Review*, Fourth Quarter: 36-45, 2005. Reprinted in *Current Magazine*, forthcoming.
2. "Should Fuel Economy Standards be Raised?" *Resources*, Fall: 15-19, 2005.
3. "Should Fuel Taxes Be Scrapped in Favor of Pay-by-the-Mile Charges?" *World Economics* 6: 91-102, 2005.
4. "Fiscal and Externality Arguments for Alcohol Taxes." (With Sarah West). *National Tax Association Proceedings* 12-18, 2004.
5. "Petroleum: Energy Independence is Unrealistic." (With John Anderson). *Resources*, Winter 2005, 11-15. Reprinted in W.E. Oates (ed.), *The RFF Reader in Environmental and Resource Management*, Resources for the Future, Washington, DC, 175-180, 2005.
6. "Do Gasoline Taxes and Fuel Economy Standards Increase Economic Efficiency?" *Dialogue* (Newsletter of the US Association for Energy Economics), 12 (November) 2004.
7. "Slaking Our Thirst for Oil." (With Joel Darmstadter). In R.D. Morgenstern and P. Portney (eds.), *New Approaches on Energy and the Environment*, Resources for the Future, Washington DC, 23-27, 2004.
8. "Pay-as-You-Drive for Car Insurance." (With Winston Harrington). In R.D. Morgenstern and P. Portney (eds.), *New Approaches on Energy and the Environment*, Resources for the Future, Washington DC, 53-56, 2004.
9. "Pay as You Slow: Road Pricing to Reduce Traffic Congestion." (With Elena Safirova). In R.D. Morgenstern and P. Portney (eds.), *New Approaches on Energy and the Environment*, Resources for the Future, Washington DC, 63-67, 2004. Reprinted in W.E. Oates (ed.), *The RFF Reader in Environmental and Resource Management*, Resources for the Future, Washington, DC, 88-92, 2005.
10. "Theory and Application of Externality Taxes: Introduction and Overview." *Public Finance and Management*, (editor's introduction) 3: 1-11, 2003.
11. "Do the Benefits of Tightening CAFE Outweigh the Costs?" Prepared for The Climate Policy Center, 2003 (available at: www.cpc-inc.org/library/files/17_parrynov03.pdf).
12. "Are All Market-Based Environmental Regulations Equal?" *Issues in Science and Technology* XIX: 38-41, 2002.
13. "Is Northern Virginia Voting on the Right Transportation Tax?" (With Peter Nelson and Martin Wachs). *State Tax Notes* 26 (4): 271-275, 2002.
14. "Is Gasoline Undertaxed in the United States?" *Resources* 148: 28-33, 2002. Reprinted in W.E. Oates (ed.), *The RFF Reader in Environmental and Resource Management*, Resources for the Future, Washington, DC, 83-87, 2005.
15. "The Costs of Increasing Transportation Spending in Metropolitan Washington DC." *Resources* 144: 17-20, 2001.
16. "Are Gasoline Taxes in Britain too High?" *Challenge* 44: 67-81, 2001.
17. "How Large are the Gains from Technological Innovation induced by Environmental Policies?" *AERE Newsletter* 21 (May): 9-13, 2001.
18. "Paying too Much for Petrol: Can Britain justify using its high Fuel Taxes to pay for Social Spending?" *Regulation* 23:18-20, 2000.
19. "Reducing Carbon Emissions: Interactions with the Tax System Raise the Cost." *Resources* 128: 9-12, 1997. Reprinted in W.E. Oates (ed.), *The RFF Reader in Environmental and Resource Management*, Resources for the Future, Washington, DC, 2000.
20. "Green Tax Reform and the Double Dividend." (With Lawrence H. Goulder). *AERE Newsletter* 20 (May): 9-13, 2000.
21. "The Double Dividend: When You Get It and When You Don't." *National Tax Association Proceedings* 46-51, 1998.

Discussion Papers

1. “Should Corporate Average Fuel Economy (CAFE) Standards be Tightened?” (With Carolyn Fischer and Winston Harrington).
2. “On Optimal Subsidies for Public Transport.” (With Kenneth Small).
3. “The Critical Importance of Fiscal Considerations in Evaluating Alcohol Policies.” (With Ramanan Laxminarayan and Sarah E. West).
4. “Automobile Externalities and Policies.” (With Winston Harrington and Margaret Walls). Prepared for the *Journal of Economic Literature*.
5. “On the Costs of Policies to Reduce Greenhouse Gases from Passenger Vehicles.” Prepared for the *Journal of Urban Economics*.

Comments and Book Reviews

1. Review of *Theory and Practice of Excise Taxation: Smoking, Drinking, Gambling, Polluting and Driving*, edited by Sijbren Cnossen, *National Tax Journal* LVIII: 837-842.
2. “On the (Ir) Relevance of Distribution and Labor Supply Distortion to Government Policy: Comment” (With Lawrence Goulder and Roberton Williams). *Journal of Economic Perspectives* 19: 233, 2005.
3. Comment on “Taking Global Warming to Market” by Sen. Joseph Lieberman, *The American Interest* Winter: 139, 2005.
4. “The Death of the Pigovian Tax: Comment” (With Roberton Williams). *Land Economics* 80: 575-581, 2004.
5. “Fuel Economy Standards: Reply” (With Paul Portney and Winston Harrington). *Journal of Economic Perspectives* 18, 273-274, 2004.
6. Review of *Agriculture, Environment and Health: Sustainable Development in the 21st Century*, by V.W. Ruttan, (ed.), *American Journal of Agricultural Economics* 76: 990-91, 1994.
7. Review of *Industrial Economics and Organization*, by D.A. Hay and D.J. Morris, *Economic Record* 68: 190-92, 1992.

Research Funding

- US Environmental Protection Agency
- US National Highway and Traffic Safety Administration
- National Science Foundation
- Robert Wood Johnson Foundation
- National Institutes of Health
- Sloan Foundation
- Hewlett Foundation

Student Awards and Honors

- Bradley/Becker fellowship, University of Chicago, 1988–1991
- Century Fellowship, University of Chicago, 1987–1991
- Economic and Social Research Council Scholarship (UK), 1986–1987
- Economics prize, University of Sheffield, 1985

Memberships and Professional Activities

- Treasurer, Association of Environmental and Resource Economists, 2002–
- Editorial Council, *Journal of Environmental Economics and Management*, 2000–
- Member, American Economic Association, Association of Environmental and Resource Economists, National Tax Association, International Institute of Public Finance.
- Referee for *American Economic Review*, *Journal of Political Economy*, *Quarterly Journal of Economics*, *Journal of Public Economics*, *RAND Journal of Economics*, *Journal of Environmental Economics and Management*, *International Economic Review*, *Journal of Law and Economics*, *International Tax and Public Finance*, *Journal of Regulatory Economics*, *Journal of Industrial Economics*, *European Economic Review*, *Economic Inquiry*, *Resource and Energy Economics*, *Environment and Natural Resource Economics*, *Journal of Urban Economics*, *American Journal of Agricultural Economics*, *Environment and Development Economics*, *Energy Journal*, *Journal of Economics*, *Journal of Development Economics*, *Regional Science and Urban Economics*, *Ecological Economics*, *BE Journals in Economic Analysis and Policy*, *European Journal of Political Economy*, *Climatic Change*, *Contemporary Economic Policy*, *Social Science and Medicine*, *FinanzArchiv*, *Journal of the Japanese and International Economies*, *Economic Modelling*, *Journal of Regional Science*.
- Reviewer for National Science Foundation, US Environmental Protection Agency, Robert Wood Johnson Foundation, American Agricultural Economics Association, Transportation Research Board, and Pew Center on Global Climate Change.